Fundació Parc Científic de Barcelona

Annual Accounts
31 December 2012

Directors' Report
2012

(With the Auditors' Report Thereon)

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-language version prevails)

KPMG Auditores, S.L.
Torre Realia
Plaça d'Europa, 41
08908 L'Hospitalet de Llobregat
Barcelona

Independent Auditors' Report on the Annual Accounts

(Translation from the original in Catalan. In the event of discrepancy, the Catalan-language version prevails)

To the Board of Trustees of
Fundació Parc Científic de Barcelona

1. We have audited the annual accounts of Fundació Parc Científic de Barcelona ("the Foundation"), which comprise the balance sheet at 31 December 2012 (hereinafter 2012), the income statement, statement of changes in equity and statement of cash flows for the year then ended, and notes. The Foundation's Board of Trustees is responsible for the preparation of the Foundation's annual accounts in accordance with the financial reporting framework applicable to the entity (specified in note 2 to the accompanying annual accounts) and, in particular, with the accounting principles and criteria set forth therein. Our responsibility is to express an opinion on these annual accounts taken as a whole, based on our audit. We conducted our audit in accordance with prevailing legislation regulating the audit of accounts in Spain, which requires examining, on a test basis, evidence supporting the amounts and disclosures in the annual accounts and evaluating whether their overall presentation, the accounting principles and criteria used and the accounting estimates made comply with the applicable financial reporting framework.

2. As mentioned in note 2 d) to the annual accounts, during 2012 the Foundation failed to pay an installment of Euros 1,765 thousand on the Euros 60,000 thousand syndicated loan received in 2005. The syndicated loan agreement stipulates that failure to repay the loan's principal is a cause for terminating the agreement. In these circumstances, at 31 December 2012 the non-current payable should be classified as current, increasing the Loans and borrowings - current caption by Euros 45,882 thousand.

3. In our opinion, except for the matter described in paragraph two, the accompanying annual accounts for 2012 present fairly, in all material respects, the equity and financial position of Fundació Parc Científic de Barcelona at 31 December 2012, its financial performance and its cash flows for the year then ended in accordance with the applicable financial reporting framework and, in particular, with the accounting principles and criteria set forth therein.

4. Without qualifying our audit opinion, we draw attention to note 2 d) to the accompanying annual accounts, which describes that capital and reserves at 31 December 2012 are negative, no positive surplus is expected to be generated in forthcoming years and current liabilities exceed current assets by Euros 64,753 thousand taking into consideration the matter mentioned in the second paragraph. The Foundation also has difficulties in generating positive cash flows and is in a difficult financial position in the short term, with loans from credit institutions and third parties during 2012 being overdue at maturity, deferred or with deferral pending approval. Furthermore, during 2013 large additional loans from credit institutions and third parties fell due, some of which had still not been repaid at the date of this report. In accordance with the Foundation's viability plan, pending approval by the relevant authorities and financial institutions, these loans will need refinancing. In these circumstances there is an uncertainty regarding the Foundation's ability to continue as a going concern.

5. The accompanying directors' report for 2012 contains such explanations as the Fundació Parc Científic de Barcelona's Board of Trustees considers relevant to the situation of the Foundation, its business performance and other matters, and is not an integral part of the annual accounts. We have verified that the accounting information contained therein is consistent with that disclosed in the annual accounts for 2012. Our work as auditors is limited to the verification of the directors' report within the scope described in this paragraph and does not include a review of information other than that obtained from the accounting records of the Foundation.

KPMG Auditores, S.L.

(Signed on the original in Catalan)

Josep Ma de Hita Planella

21 June 2013

THE BARCELONA SCIENCE PARK FOUNDATION

Financial statements and audit report

at 31 December 2012

Note:
The original Catalan version of the annual accounts, and the management report together with the KPMG audit can be viewed on the Catalan version of the PCB's website

Financial statements 2012

- Balance Sheet
- Income Statement
- Statement of Changes in Equity (and Recognised Income and Expenses Statement)
- Cash Flow Statement
- Report
- Management Report

BARCELONA SCIENCE PARK FOUNDATION
Balance Sheet at 31 December 2012 and 31 December 2011 (in thousands of euros)

ASSETS	Notes to the annual accounts	Balance at 31/12/2012	Balance at 31/12/2011
A) NON-CURRENT ASSETS		**144,951.24**	**141,116.46**
II. Intangible assets	**5**	**5,641.76**	**5,949.43**
1. Research and development expenses		0.00	0.00
2. Concessions, patents, licenses, trademarks and similar rights		0.00	0.00
3. Transfer rights		0.00	0.00
4. Computer software		212.77	113.53
5. Rights over finance lease assets		0.00	0.00
6. Rights over assets in use		5,428.99	5,586.71
7. In progress and advances		0.00	249.19
II. Property, plant and equipment	**8**	**130,107.35**	**123,960.82**
1. Land and buildings		70,830.17	49,109.45
2. Technical installations and machinery		10,871.58	12,110.11
3. Other installations, equipment and furniture		5,221.05	6,420.15
4. Data processing equipment		951.60	875.49
5. Under construction and advances		42,206.85	55,412.60
6. Other property, plant and equipment		26.10	33.02
III. Investment property	**6**	**0.00**	**0.00**
1. Land and natural resources		0.00	0.00
2. Buildings		0.00	0.00
IV Historical and cultural heritage assets	**7**	**0.00**	**0.00**
1. Real estate		0.00	0.00
2. Archives		0.00	0.00
3. Library		0.00	0.00
4. Museums		0.00	0.00
5. Movable assets		0.00	0.00
6. Advances		0.00	0.00
V. Non-current investments in Group entities and associates	**9**	**2,856.66**	**3,914.95**
1. Equity instruments		0.00	0.00
2. Loans to entities		2,856.66	3,914.95
3. Debt securities		0.00	0.00
VI. Non-current investments	**10**	**6,345.47**	**7,291.26**
1. Equity instruments		6.00	6.00
2. Loans to third parties		6,029.35	6,968.88
3. Debt securities		0.00	0.00
4. Derivatives		0.00	0.00
5. Other financial assets		310.12	316.38
VII. Deferred tax assets		**0.00**	**0.00**
B) CURRENT ASSETS		**33,905.94**	**43,845.80**
I. Non-current assets held for sale		**0.00**	**0.00**
II. Inventories	**11**	**78.17**	**84.59**
1. Operating assets		78.17	84.59
2. Raw materials and other supplies		0.00	0.00
3. Work in progress and semi-finished goods		0.00	0.00
4. Finished goods		0.00	0.00
5. By-products, waste and recovered materials		0.00	0.00
6. Advances		0.00	0.00
III. Users, sponsors and other receivables	**12**	**29,351.55**	**33,632.91**
1. Trade receivables		2,395.36	2,063.50
2. Trade receivables from Group entities and associates and other related		1,117.67	1,743.83
3. Sponsors		0.00	0.00
4. Other receivables		10.36	7.07
5. Personnel		21.09	3.01
6. Current tax assets		0.00	0.00
7. Public entities, other		25,807.07	29,815.50
8. Receivables on called-up capital from founders and partners		0.00	0.00
IV. Current investments in Group entities and associates	**9**	**341.02**	**451.13**
1. Equity instruments		0.00	0.00
2. Loans to entities		341.02	451.13
3. Debt securities		0.00	0.00
4. Other financial assets		0.00	0.00
V. Current investments	**10**	**1,236.40**	**406.00**
1. Equity instruments		0.00	0.00
2. Loans to third parties		1,016.67	394.21
3. Debt securities		0.00	0.00
4. Derivatives		0.00	0.00
5. Other financial assets		219.73	11.79
VI. Prepayments for current assets		**18.50**	**18.50**
VII. Cash and cash equivalents		**2,880.30**	**9,252.67**
TOTAL ASSETS		**178,857.18**	**184,962.26**

LIABILITIES	Notes to the annual accounts	Balance at 31/12/2012	Balance at 31/12/2011
A) EQUITY	**13**	**26,969.00**	**35,110.61**
A-1) CAPITAL AND RESERVES		**(32,929.37)**	**(33,562.61)**
I. Foundation reserve		**5,709.55**	**5,709.55**
II. Special reserves		**0.00**	**0.00**
III. Reserves		**2,224.86**	**2,224.86**
IV. Prior years' surplus		**(41,497.02)**	**(31,476.51)**
1. Retained earnings		0.00	0.00
2. Prior years' negative surplus		(41,497.02)	(31,476.51)
V. Surplus pending application to foundation activities		**0.00**	**0.00**
VI. Surplus for the year (positive or negative)		**633.24**	**(10,020.51)**
VII. Contributions to offset losses		**0.00**	**0.00**
A-2) Valuation adjustments		**0.00**	**0.00**
1. Available-for-sale financial assets		0.00	0.00
2. Hedging transactions		0.00	0.00
3. Other		0.00	0.00
A-3) GRANTS, DONATIONS AND BEQUESTS RECEIVED		**59,898.37**	**68,673.22**
1. Government capital grants		59,898.37	68,673.22
2. Donations and capital bequests		0.00	0.00
3. Other grants, donations and bequests		0.00	0.00
B) NON-CURRENT LIABILITIES		**99,111.41**	**108,287.15**
I. Non-current provisions		**0.00**	**0.00**
1. Long-term employee benefits		0.00	0.00
2. Provisions for taxes		0.00	0.00
3. Provisions for other liabilities		0.00	0.00
4. Other provisions		0.00	0.00
II. Non-current payables	**14**	**85,233.99**	**89,537.90**
1. Loans and borrowings		45,882.35	52,941.18
2. Non-current fixed asset payables		8,438.52	0.00
3. Other financial liabilities		30,913.12	36,596.72
III. Group entities and associates, non-current		**0.00**	**0.00**
1. Loans and borrowings, Group entities and associates		0.00	0.00
2. Fixed asset suppliers, Group entities and associates		0.00	0.00
3. Finance lease payables, Group entities and associates		0.00	0.00
4. Other payables, Group entities and associates		0.00	0.00
IV. Deferred tax liabilities		**0.00**	**0.00**
V. Non-current accruals	**15**	**13,877.42**	**18,749.25**
C) CURRENT LIABILITIES		**52,776.77**	**41,564.50**
I. Non-current liabilities held for sale		**0.00**	**0.00**
II. Current provisions		**0.00**	**0.00**
III. Current payables	**16**	**10,036.27**	**8,662.98**
1. Loans and borrowings		8,992.64	7,367.42
2. Finance lease payables		0.00	0.00
3. Other financial liabilities		1,043.63	1,295.56
IV. Group entities and associates, current		**0.00**	**536.10**
1. Loans and borrowings, Group entities and associates		0.00	0.00
2. Fixed asset suppliers, Group entities and associates		0.00	0.00
3. Finance lease payables, Group entities and associates		0.00	0.00
4. Other payables, Group entities and associates		0.00	536.10
5. Current interest on loans from Group entities and associates		0.00	0.00
6. Current account with Group entities and associates		0.00	0.00
7. Payables on equity investments of equity investments of Group entities and associates		0.00	0.00
V. Trade and other payables	**17**	**29,074.21**	**26,024.12**
1. Suppliers		5,689.86	7,253.05
2. Suppliers - Group entities and associates		165.95	401.97
3. Other payables		77.29	(38.76)
4. Personnel		278.07	285.06
5. Current tax liabilities		0.00	0.00
6. Public entities, other		22,863.04	18,122.80
7. Advances from users		0.00	0.00
VI. Current accruals	**18**	**13,666.29**	**6,341.30**
TOTAL EQUITY AND LIABILITIES		**178,857.18**	**184,962.26**

BARCELONA SCIENCE PARK FOUNDATION

Income statement at 31 December 2012 and 31 December 2011 (in thousands of euros)

	Notes to the annual accounts	(Debit) Credit 31 December 2012	(Debit) Credit 31 December 2011
1. Operating income		**22,101.54**	**21,871.47**
a) Sales	**21.1**	4,987.58	4,447.99
b) Services rendered	**21.1**	13,158.39	11,650.41
c) Periodic income received		0.00	0.00
d) Income from promotions, sponsors and collaborators		0.00	0.00
e) Government grants	**21.2**	3,951.74	5,677.57
f) Donations and other income from activities		0.00	0.00
g) Other grants, donations and bequests for the year taken to income	**21.3**	3.83	95.50
h) Refunding of grants, donations and bequests received		0.00	0.00
2. Subsidies given and other expenses		**-133.20**	**-119.56**
a) Subsidies given	**21.4**	-133.20	-119.56
b) Expenses for collaboration and exercising of board member position		0.00	0.00
c) Reimbursement of subsidies and assignments		0.00	0.00
3. Changes in inventories of finished goods and work in progress		**0.25**	**0.00**
4. Self-constructed assets		0.00	0.00
5. Supplies		**-337.27**	**-317.37**
a) Inventories used and impaired		-337.27	-317.37
b) Raw materials and other consumables used		0.00	0.00
c) Subcontracted work		0.00	0.00
d) Impairment of assets used for activities, raw materials and other supplies		0.00	0.00
6. Other operating income		**0.00**	**0.00**
a) Lease income		0.00	0.00
b) Income on services to personnel		0.00	0.00
c) Non-trading and other operating income		0.00	0.00
7. Personnel expenses		**-7,374.89**	**-8,697.53**
a) Salaries and wages		-5,622.63	-6,813.66
b) Employee benefits expense		-1,752.26	-1,883.87
c) Provisions		0.00	0.00
8. Other operating expenses		**-11,709.60**	**-11,106.78**
a) External services		-11,633.67	-11,091.67
a.1) Research and development		0.00	0.00
a.2) Rentals and royalties		-346.56	-137.51
a.3) Repairs and maintenance		-1,845.76	-1,875.96
a.4) Independent professional services		-817.47	-840.26
a.5) Transport		-25.95	-35.00
a.6) Insurance premiums		-118.68	-108.25
a.7) Banking services		-32.86	-17.67
a.8) Advertising, publicity and public relations		-125.63	-153.22
a.9) Utilities		-2,979.30	-2,703.00
a.10) Other services		-5,341.46	-5,220.80
b) Taxes		-19.93	-36.15
c) Losses, impairment and changes in trade provisions		-56.00	21.04
d) Other operating expenses		0.00	0.00
9. Amortisation and depreciation	**7 & 8**	**-8,702.27**	**-6,550.23**
10. Grants, donations and bequests taken to income		**4,922.30**	**3,510.25**
11. Provision surpluses		**0.00**	**0.00**
12. Impairment and proceeds from disposal of fixed assets		**4,223.21**	**-6,170.54**
a) Impairment and losses	**8**	4,329.49	-5,857.68
b) Gains/(losses) on disposal and other		-106.28	-312.86
13. Other income/(expense)	**21.7**	**19.89**	**-2.18**
A) RESULTS FROM OPERATING ACTIVITIES		**3,009.96**	**-7,582.47**
14. Finance income		**59.73**	**83.63**
a) Dividends		0.00	0.00
a.1) Group entities and associates		0.00	0.00
a.2) Other		0.00	0.00
b) Marketable securities and other financial instruments		59.73	83.63
b.1) Group entities and associates		0.00	0.00
b.2) Other		59.73	83.63
15. Finance costs		**-2,436.79**	**-2,520.74**
a) Group entities and associates		0.00	0.00
b) Third parties		-2,436.79	-2,520.74
c) Provision adjustments		0.00	0.00
16. Change in fair value of financial instruments		**0.00**	**0.00**
a) Trading portfolio and other		0.00	0.00
b) Proceeds from available-for-sale financial assets		0.00	0.00
17. Exchange gains/(losses)		**0.34**	**-0.93**
18. Impairment and gains/(losses) on disposal of financial instruments		**0.00**	**0.00**
a) Impairment and losses		0.00	0.00
b) Gains/(losses) on disposal and other		0.00	0.00
B) NET FINANCE INCOME/(COST)		**-2,376.72**	**-2,438.04**
C) SURPLUS BEFORE INCOME TAX		**633.24**	**-10,020.51**
19. Income tax		0.00	0.00
D) SURPLUS FOR THE YEAR		**633.24**	**-10,020.51**

BARCELONA SCIENCE PARK FOUNDATION

Statement of changes in equity for the financial year ended 31 December 2012 (in thousands of euros)

	Capital		Reserves	Prior years' surplus	Surplus for the year	Grants, donations and bequests received	TOTAL
	Total	Payable					
Closing balance 2010	**5,709.55**	**0.00**	**2,224.86**	**-27,765.90**	**-4,050.11**	**67,186.27**	**43,304.67**
I. Adjustments for changes in criteria 2010	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
II. Correction of errors 2010	0.00	0.00	0.00	0.00	339.50	0.00	**339.50**
Adjusted opening balance 2011	**5,709.55**	**0.00**	**2,224.86**	**-27,765.90**	**-3,710.61**	**67,186.27**	**43,644.17**
I. Total recognised income and expense	0.00	0.00	0.00	0.00	-10,020.51	-3,510.25	**-13,530.76**
II. Equity transactions	0.00	0.00	0.00	0.00	0.00	4,997.20	**4,997.20**
1. Increase in foundation reserve/social reserve/special reserve	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
2. (-) Reduction in foundation reserve/social reserve/special reserve	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
3.Conversion of financial liabilities to equity (waiving of debt)	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
4. Other contributions	0.00	0.00	0.00	0.00	0.00	4,997.20	**4,997.20**
III. Other changes in equity	0.00	0.00	0.00	-3,710.61	3,710.61	0.00	**0.00**
1. Distribution of prior year's surplus	0.00	0.00	0.00	-3,710.61	3,710.61	0.00	**0.00**
Closing balance 2011	**5,709.55**	**0.00**	**2,224.86**	**-31,476.51**	**-10,020.51**	**68,673.22**	**35,110.61**
I. Total recognised income and expense	0.00	0.00	0.00	0.00	633.24	-4,922.30	**-4,289.06**
II. Equity transactions	0.00	0.00	0.00	0.00	0.00	-3,852.55	**-3,852.55**
1. Increase in foundation reserve/social reserve/special reserve	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
2. (-) Reduction in foundation reserve/social reserve/special reserve	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
3.Conversion of financial liabilities to equity (waiving of debt)	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**
4. Other contributions	0.00	0.00	0.00	0.00	0.00	-3,852.55	**-3,852.55**
III. Other changes in equity	0.00	0.00	0.00	-10,020.51	10,020.51	0.00	**0.00**
1. Distribucion of prior year's surplus	0.00	0.00	0.00	-10,020.51	10,020.51	0.00	**0.00**
Closing balance 2012	**5,709.55**	**0.00**	**2,224.86**	**-41,497.02**	**633.24**	**59,898.37**	**26,969.00**

BARCELONA SCIENCE PARK FOUNDATION

Statement of recognised income and expense for the financial year ended 31 December 2012 (in thousands of euros)

	2,012	2,011
A) Surplus for the year	**633.24**	**-10,020.51**
Income and expense recognised directly in equity		
1. Measurement of financial instruments	**0.00**	**0.00**
a) Available-for-sale financial assets	**0.00**	**0.00**
b) Other income/expense	**0.00**	**0.00**
2. Cash flow hedges	**0.00**	**0.00**
3. Grants, donations and bequests received	-3,852.55	4,997.20
4. Actuarial gains and lossees and other adjustments	**0.00**	**0.00**
5. Tax effect	**0.00**	**0.00**
6. Non-current assets and associated liabilities held for sale	**0.00**	**0.00**
B) Total income and expense recognised directly in equity (1+2+3+4+5+6)	**-3,852.55**	**4,997.20**
Amounts transferred to the income statement		
7. Measurement of financial instruments	**0.00**	**0.00**
a) Available-for-sale financial assets	0.00	0.00
b) Other income/expense	0.00	0.00
8. Cash flow hedges	0.00	0.00
9. Grants, donations and bequests received	-4,922.30	-3,510.25
10. Tax effect	0.00	0.00
11. Non-current assets and associated liabilities held for sale	0.00	0.00
C) Total amounts transferred to the income statement (7+8+9+10+11)	**-4,922.30**	**-3,510.25**
TOTAL RECOGNISED INCOME AND EXPENSE (A+B+C)	**-8,141.61**	**-8,533.56**

BARCELONA SCIENCE PARK FOUNDATION

Cash Flow Statement for the financial years ended 31 December 2012 and 2011 (in thousands of euros)

	2,012	2,011
A) CASH FLOWS FROM OPERATING ACTIVITIES		
1. Surplus for the year before tax	**633.24**	**-10,020.51**
2. Adjustments to profit	**-2,644.69**	**5,823.75**
a) Amortisation and depreciation (+)	8,702.27	6,550.23
b) Impairment (+/-)	-4,329.49	5,857.68
c) Change in provisions (+/-)	-2.11	104.80
d) Grants recognised in the income statement (-)	-4,922.30	-3,510.26
e) Proceeds from disposals of fixed assets (+/-)	106.28	312.86
f) Proceeds from disposals of financial instruments (++/-)	0.00	0.00
g) Finance income (-)	-59.73	-83.63
h) Finance costs (+)	2,436.79	2,520.74
i) Exchange gains/losses (+/-)	0.00	0.00
j) Change in fair value of financial instruments (+/-)	0.00	0.00
k) Other income and expenses (+/-)	(4,576.40)	(5,928.67)
3. Change in operating assets and liabilities	**12,053.55**	**6,357.90**
a) Inventories (+/-)	6.42	7.94
b) Trade and other receivables (+/-)	4,283.47	2,598.45
c) Other current assets (+/-)	0.00	1,066.13
d) Trade and other payables	5,334.67	(3,114.42)
e) Other current liabilities (+/-)	2,428.99	5,799.80
f) Other non-current assets and liabilities (+/-)	0.00	0.00
4. Other cash flows used in operating activities	**-2,516.57**	**-2,683.81**
a) Interest paid (-)	(2,576.30)	(2,767.44)
b) Dividends received (+)	0.00	0.00
c) Interest received (+)	59.73	83.63
d) Income tax received (paid) (+/-)	0.00	0.00
e) Other amounts paid (received) (+/-)	0.00	0.00
5. Cash flows from (used in) operating activities (+/-1+/-2+/-3+/-4)	**7,525.53**	**-522.67**
B) CASH FLOWS FROM INVESTING ACTIVITIES		
5. Payments for investments (-)	**-10,438.27**	**-8,872.49**
a) Group entities and associates	0.00	0.00
b) Intangible assets	(44.33)	(142.56)
c) Property, plant and equipment	(10,400.20)	(8,550.87)
d) Investment property	0.00	0.00
e) Historical and cultural heritage assets	0.00	0.00
f) Other financial assets	6.26	(179.06)
g) Non-current assets held for sale	0.00	0.00
h) Other assets	0.00	0.00
7. Proceeds from sale of investments (+)	**744.49**	**7,966.17**
a) Group entities and associates	0.00	0.00
b) Intangible assets	0.00	0.00
c) Property, plant and equipment	126.61	2,711.00
d) Investment property	0.00	0.00
e) Historical and cultural heritage assets	0.00	0.00
f) Other financial assets	617.88	5,255.17
g) Non-current assets held for sale	0.00	0.00
h) Other assets	0.00	0.00
8. Cash flows used in financing activities	**-9,693.78**	**-906.32**
C) CASH FLOWS FROM FINANCING ACTIVITIES		
9. Proceeds from and payments for equity instruments	**222.88**	**1,230.59**
a) Variations in capital and reserves (+/-)	0.00	0.00
b) Grants, donations and bequests received (+)	222.88	1,230.59
10. Proceeds from and payments for financial liability instruments	**-4,427.00**	**4,555.00**
a) Issue	0.00	0.00
1. Loans and borrowings (+)	0.00	0.00
2. Group entities and associates (+)	0.00	0.00
3. Other payables (+)	867.10	5,555.00
b) Redemption and repayment of	0.00	0.00
1. Loans and borrowings (+)	(5,294.10)	(1,000.00)
2. Group entities and associates (+)	0.00	0.00
3. Other payables (+)	0.00	0.00
11. Cash flows from (used in) financing activities (+/-9+/-10)	**-4,204.12**	**5,785.59**
D) EFFECT OF EXCHANGE RATE FLUCTUATIONS	**0.00**	**0.00**
E) NET INCREASE/DECREASE IN CASH AND CASH EQUIVALENTS (+/-5+/-8+/-11+/-D)	**-6,372.37**	**4,356.60**
Cash and cash equivalents at beginning of year	**9,252.67**	**4,896.07**
Cash and cash equivalents at year end	**2,880.30**	**9,252.67**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

1. Activity of the Foundation

FUNDACIÓ PARC CIENTÍFIC DE BARCELONA (hereinafter "the Foundation" or "PCB" was founded on 26 September 1997. Its registered address is at Edifici "Les Cúpules", carrer Baldiri Reixac, 10-12, in Barcelona.

The mission of the Foundation is to manage and develop a science park which has the necessary spaces and personal and material infrastructures to enable its users to carry out basic and applied research tasks, innovation and transfer of technology and knowledge.

The Foundation is governed by its articles of association, Law 4/2008 of 24 April 2008 regulating Private Foundations in Catalonia and other complementary provisions.

The resources obtained by the Foundation in 2010-11 and 2011-12 have been destined for the foundational objective, as explained in note 22.

The Foundation's activity does not discriminate between men and women.

The financial year of the Foundation comprises the period from 1 January to 31 December.

2. Basis of presentation

a. Fair presentation

The accompanying annual accounts for the year ended 31 December 2012 have been prepared on the basis of the accounting records of the Foundation and are presented in accordance with prevailing legislation and the standards and principles set out in the Chart of Accounts for Foundations and Associations, subject to Generalitat de Catalunya (Catalan local government) legislation, approved by Decree 259/2008 of 23 December 2008 of the Generalitat de Catalunya's Department of Justice and Decree 125/2010 of 14 December 2010 amending the Spanish Chart of Accounts, to present fairly the equity and financial position at 31 December 2012 and results of operations, changes in equity and cash flows for the year then ended.

b. Accounting principles

There are no accounting principles or valuation criteria which, having a significant effect on these annual accounts, have not been applied.

c. Presentation currency

Unless indicated to the contrary, the annual accounts are presented in thousands of Euros. The Foundation's functional and presentation currency is the Euro.

d. Going concern principle

At 31 December 2012, equity is positive and amounts to Euros 26,969.00 thousand. However, capital and reserves are negative for an amount of Euros 32,929.37 thousand. Because it is not expected that the Foundation will generate positive surplus in forthcoming years and cash projections for 2013 show cash-flow problems due to the difficult financial situation, doubts could be raised regarding the future viability of the Foundation and the application of the going concern principle.

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As mentioned in note 14, during 2005 the Foundation received a loan of Euros 60 million, which has enabled it to make the necessary investments to meet its foundational objectives and to deal with its current liabilities. This loan fell due on 15 August 2010, but because the buildings were still not in operation, a novation agreement was signed to extend the grace period by a further 18 months. Consequently, the first repayment installment was due on 17 February 2012. During 2012 the PCB settled the first three installments outstanding and the November installment is still pending settlement. In conjunction with the University of Barcelona, the Foundation is currently in the process of negotiating with the lenders of the syndicated loan (CATALUNYA BANC, ICO, ICF) regarding the possibility of financing the outstanding installments until the end of May 2014, together with those installments payable prior to that date.

At the date of these annual accounts, the Foundation is negotiating the deferral of the installments for 2011 and 2012 with the Ministry of the Economy and Competition, according to which it will avail of the State Budgetary Acts for two years.

In any case, the Foundation has prepared its annual accounts on a going concern basis, as it is understood that it will receive the financing requested to defer the outstanding capital payments on the syndicated loan and the debts with the Ministry and that, on the contrary, it will be able to obtain financial assistance from related entities.

e. Comparative information

In accordance with mercantile legislation, the Foundation presents, for comparative purposes, the balance sheet, income statement, statement of changes in equity and the statement of cash flows for 2012, which include comparative figures for 2011, approved by the Board of Trustees on 26 June 2012.

The captions from both years are comparable and harmonised, except for what is mentioned in note 2.h.

f. Grouping of items

For the purpose of facilitating the understanding of the balance sheet, income statement, statement of changes in equity and statement of cash flows, these statements have been presented grouped together, with the required analyses presented in the notes to the annual accounts.

g. Responsibility for information and estimates

The information contained in these annual accounts is the responsibility of the Foundation's Board of Trustees. These annual accounts include estimates made to value certain assets, liabilities, income, expenses and commitments recognised therein and these estimates basically refer to the evaluation of impairment losses on certain assets, the useful lives of non-current assets and the probability of occurrence of provisions.

Although all of these estimates have been calculated based on the best information available at the date of these annual accounts, future events may require changes to these estimates in subsequent years.

Any effect on the annual accounts of adjustments to be made in subsequent years would be recognised prospectively.

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h. Correction of errors

During the year the figures for 2011 have been re-expressed, as an error in the classification of training and food allowance expenses has been detected. Until that date, these expenses had been recognised as other services instead of as an employee benefits expense. For the purposes of comparison with the prior year, the figures for the 2011 annual accounts have been partially re-expressed as follows:

- Employee benefits expense is increased by Euros 217.47 thousand.
- Operating expenses for other services are decreased by Euros 217.47 thousand.

3. Surplus for the year

The proposed distribution of surplus for 2012, in thousands of Euros, is as follows:

Basis of allocation	**2012**
Surplus for the year (positive)	633.24
Total basis of allocation	**633.24**
Distribution of surplus	**2012**
Offset of prior years' negative surplus	633.24
Total distribution	**633.24**

The application of negative surplus for the year ended 31 December 2011 was as follows:

Basis of allocation	**2011**
Surplus for the year (negative)	(10,020.51)
Total basis of allocation	**(10,020.51)**
Distribution of surplus	**2011**
Prior years' negative surplus	(10,020.51)
Total distribution	**(10,020.51)**

Total income and returns obtained by the Foundation have been destined for its foundational activities (see note 22).

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4. Significant accounting policies

The significant accounting policies used to prepare the annual accounts are as follows:

a. Intangible assets

Intangible assets are measured at cost or cost of production, less accumulated amortisation, if they have a finite useful life, and impairment losses, where applicable. In particular, the following criteria are applied:

Rights over assets assigned for use free of charge

These rights are recognised on the balance sheet at the value they are given upon their concession, which is calculated on the basis of the fair value of the usage rights. These rights have finite useful lives and their cost is recognised in the income statement, through their amortisation, over the concession period, on a straight-line basis. These rights relate to the granting of public domain over land and buildings owned by the University of Barcelona and which were contributed, at estimated fair value, on the basis of a calculation of the estimated future returns over the life of the usage right, as a foundation reserve by the University of Barcelona.

The concession initially had a duration of 30 years and was amortised on a straight-line basis over this 30 year period. Nevertheless, on 14 July 2006 an amendment was signed whereby the concession period was extended to 50 years. As of this date the amortisation period was changed to 50 years.

The Foundation has to pay an annual royalty of Euros 6 thousand for this concession.

On 3 January 2006 the University of Barcelona granted the Foundation a public domain concession over a 2,028 m2 plot of land. The Foundation carried out the construction work, start-up and management of a temporary pre-fabricated building to be used for scientific experiment laboratories, offices and scientific services.

No payment of consideration was required and, therefore, this free usage right was considered to be similar to a donation, with the administrative concession being reflected at sale value and a balancing entry under Deferred income.

The duration of the concession was not able to exceed the maximum period of five years from the date of the concession. Furthermore, the concession could be extended subject to prevailing urban planning regulations. The license to build the Hèlix Building was provisionally granted on 1 March 2006 for a period of five years. PCB undertook to demolish the building once the construction work for the second phase of the PCB had been completed. Barcelona City Council approved a Special Plan on the zone for 2012 stipulating that the building would be built and would not have to be demolished.

The Hèlix Building has been completed and is currently in full operation. On 12 January 2011 the concession reached its maximum 5-year duration. However, on 19 December the Rector of the University of Barcelona signed an agreement to extend the concession until 31 December 2011. Due to the end of the concession and the doubts regarding the possible extension, on 31 December 2011 a provision was made for impairment of the asset for its carrying amount, excluding the portion for which a grant had been received.

With effect as of 1 January 2012 this concession was extended until 31 December 2017 and, for this reason, the provision made in 2011 was cancelled.

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Industrial property

This caption includes research and development expenses capitalised when the patent or similar is obtained, including the cost of registering and formalising the industrial property. Industrial property is amortised over the duration of the registry inscription.

Computer software

This caption includes amounts paid for access to the ownership or right to use the computer programs, only in those cases where it is foreseen that they will be used over a period of various years. Maintenance costs for this computer software are recognised as expenses when incurred.

Amortisation is carried out on a systematic and straight-line basis over a period of 3 years (33%) from the moment that the corresponding computer software is put into use. This 3-year period is considered the useful life of this software.

b. Historical and cultural heritage assets

The Foundation does not have any assets which are of historical and cultural heritage.

c. Property, plant and equipment

Property, plant and equipment are measured at cost of acquisition or construction, less any accumulated depreciation and, where applicable, accumulated impairment.

Costs of expanding, modernising or improving assets are recognised as an increase in the value of the asset, only if its capacity or efficiency has been expanded or its useful life has been extended. Conservation and maintenance costs are recognised as expenses when incurred.

Borrowing costs on the acquisition of property, plant and equipment, incurred during the period of construction and assembly until the asset is in working condition, are included as an increase in the cost of these assets, provided that they do not exceed their market or replacement value.

Property, plant and equipment net, where applicable, of their residual value are depreciated by distributing the cost of the different items on a straight-line basis over the estimated useful life during which the Foundation expects to use them, as follows:

Buildings	50
Technical installations	10
Other installations	10
Equipment	10
Furniture	10
Data processing equipment	4
Other assets	10

During 2008 the depreciation rate for the Hèlix Building was reduced from 30% (the maximum term of the concession) to 2.85% taking into consideration a useful life of 35 years for the building. A report was drafted to justify the depreciation based on the useful life.

Due to the extension of the concession until 2017, depreciation has been re-calculated and the carrying amount of this building and its assets shall be depreciated over the remaining 5 years until the end of the concession.

Should the useful life of the asset to be depreciated exceed the duration of the concession of the leasehold right, it shall be depreciated until the end of the reversal of this right.

The carrying amount an item of property, plant and equipment is derecognised when it is sold or disposed of by different means, or when future profits or economic returns are expected from its use.

Gains or losses on the disposal of an item of property, plant and equipment are determined as the difference between the net amount, where applicable, of the selling costs obtained on its sale or disposal by other means, where applicable, and the carrying amount of the item, and is recognised in the income statement in the year in which it took place.

At year end the Foundation evaluates if there are indications of impairment of an item of property, plant and equipment or any cash generating unit, in which case the recoverable amounts are estimated and the necessary impairment is made.

Property, plant and equipment are understood to be impaired when their carrying amount exceeds their recoverable amount, the latter of which is understood as the higher of the asset's fair value less costs to sell and value in use.

Impairment losses on property, plant and equipment, as well as their reversal when the circumstances for reversal have ceased to exist, are recognised as an expense or income, respectively. The reversal of an impairment loss is limited to the carrying amount of the property, plant and equipment which would have been recognised on the reversal date had impairment not been recognised.

Non-cash generating assets or service units

Assets from the buildings used for foundational objectives are included under non-cash generating assets in accordance with the definition set out in Order EHA/733/2010 of 25 March 2010, which approves accounting issues of public entities which operate in certain circumstances, according to which non-cash generating assets are those assets which do not generate a commercial inflow as they are not used coherently with the definition adopted by entities focused on generating profits. The purpose of the Foundation's assets differs from that of generating commercial inflows, as it generates economic flows which benefit the group.

The assets of buildings not subject to the foundational objective are considered as cash-generating units.

Impairment of a non cash-generating asset is the loss of potential for service, which differs from systematic and regular depreciation. Impairment testing is carried out at 31 December of each year. Impairment is understood to be the potential loss of service.

At 31 December 2012, the PCB has a high level of occupancy for its installations in use and, therefore, it is considered that there are no indications of impairment (potential loss of service). In addition, the future auditorium, as a cash-generating unit, shows indications of impairment as it is not in operation. An impairment loss of Euros 1,233.19 thousand has been recognised for this item.

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d. Financial instruments

A financial instrument is a contract which gives rise to a financial asset in one entity and, simultaneously, a financial liability or equity instrument in another entity. The Company recognises financial instruments when it becomes party to the contract or legal transaction, in accordance with the provisions set out therein.

Financial assets are classified on initial recognition and, when applicable, they are reclassified at each reporting date. The carrying amount of financial assets and financial liabilities does not differ significantly from their fair value.

For the purpose of their measurement, financial instruments are classified into the following categories:

d.1) **Financial assets**: comprise cash and cash equivalents, investments in Group entities and non-current investments which include the transfer of loans received by the MECO to subsidiaries (Group and other), see note 9.

d.2) **Financial liabilities:** loans and borrowings, finance lease payables and other financial liabilities. Financial liabilities are initially recognised at fair value which, unless there is evidence to the contrary, is the transaction price, equivalent to the fair value of the consideration received, adjusted by directly attributable transaction costs.

After initial recognition, both financial assets and financial liabilities are measured at amortised cost. Accrued interest is recognised in the income statement, applying the effective interest rate method. Nevertheless, payables and receivables falling due within one year which are initially recognised at nominal amount, continue to be measured at this amount, given in the case of payables that they have been impaired.

Impairment:

At year end, necessary impairment is made if there is objective evidence that the value of a financial asset has impaired, ie. if evidence exists of estimated future cash flows of the asset being reduced or delayed.

Impairment losses of financial assets are measured as the difference between the asset's carrying amount and the present value of estimated future cash flows, discounted at the financial asset's effective interest rate computed at initial recognition.

Impairment of receivables at 31 December is estimated on the basis of an analysis of each of the individualised balances receivable at that date.

Derecognition of financial assets

Financial assets are derecognised when the contractual rights to the cash flows from the financial asset expire or have been transferred and the Company has transferred substantially all the risks and rewards of ownership.

On derecognition of a financial asset, the difference between the consideration received, net of attributable transaction costs, including any new asset obtained less any new liability assumed and the carrying amount of financial assets, plus any cumulative amount recognised directly in equity, determines the profit or loss arising from derecognition of the asset and forms part of the income statement in which the event takes place.

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Derecognition of financial liabilities

A financial liablity is derecognised when the corresponding obligation is extinguished.

The difference between the carrying amount of a financial liability or part of a financial liability extinguished and the consideration paid, including attributable transaction costs and any non-cash assets transferred or liabilities assumed, is recognised in profit or loss in the year in which it arose.

Guarantees given

Guarantees given for operating leases are measured at fair value.

Guarantees received

The difference between the fair value and the amount paid for guarantees received for operating leases or services rendered is recognised as an advance for leases or services rendered. Current guarantees received are measured at the amount received.

e. Inventories

Inventories are initially recognised at cost of purchase, using the weighted average price method. Inventories relate to consumables for sale to the Foundation's customers.

Impairment: when the recoverable amount of inventories is less than their cost of purchase or production, inventories are impaired and recognised as an expense in the income statement.

f. Grants, donations and bequests

a) Non-refundable grants, donations and bequests are initially recognised as income directly in equity.

   Refundable grants, donations and bequests are recognised as liabilities until they become non-refundable. Grants, donations and bequests are considered non-refundable when there is an individual agreement to extend the grant, donation or bequest to the Foundation, the conditions attaching to them have been complied with and there is reasonable assurance that they will be received.

   Capital grants are measured at the amount received and recognised as income in proportion to the effective depreciation of financial assets relating to these grants.

b) Research grants are recognised for the amount approved, taking into consideration the resolution date and the corresponding receivable is accounted for. Income is recognised upon accrual of the subsidised activity.

   Research grants received from the European Union are accounted for as a receivable upon justification of expenses, when the Foundation considers that they are non-refundable.

c) Donations for no specific purpose are measured at the amount received and recognised as income in the same year in which the donation is received.

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g. Provisions for pensions and similar obligations

Provisions are recognised when the Foundation has a present obligation (legal, contractual, constructive or tacit) as a result of a past event; it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation; and a reliable estimate can be made of the amount of the obligation.

The financial effect of provisions is recognised as a finance cost in the income statement.

If it is not probable that an outflow of resources will be required to settle an obligation, the provision is reversed.

There are no pension or life insurance obligations prevailing at 31 December 2012 and 2011.

h. Receivables, distinguishing between current and non-current

The Foundation classifies assets and liabilities as current or non-current on its balance sheet. Current assets and liabilities are those which meet the following criteria:

- Assets are classified as current when the Foundation expects to realise the asset, or intends to sell or consume it, in its normal operating cycle and it holds the asset primarily for the purpose of trading, it expects to realise the asset within twelve months after the reporting period or the asset is cash or a cash equivalent unless the asset is restricted from being exchanged or used to settle a liability for at least twelve months after the reporting period.
- Liabilities are classified as current when the Foundation expects to settle the liability in its normal operating cycle, it holds the liability primarily for the purpose of trading, the liability is due to be settled within twelve months after the reporting period or the Foundation does not have an unconditional right to defer settlement of the liability for at least twelve months after the reporting period.
- Financial liabilities are classified as current when they are due to be settled within twelve months after the reporting period, even if the original term was for a period longer than twelve months, and an agreement to refinance, or to reschedule payments, on a long-term basis is completed after the reporting period and before the annual accounts are authorised for issue.

i. Income taxes

The income tax expense for each year is calculated based on surplus before tax, adjusted for permanent differences with fiscal criteria, i.e. the taxable income. The Foundation complies with the requirements to avail of tax benefits pursuant to Law 49/2002 of 23 December 2002 governing the tax regime of non-profit making entities and tax incentives for patronage.

The tax benefit relating to deductions for tax credits is considered as a reduction in income tax during the year in which they arise. The requirements set out in prevailing legislation have to be complied with in order for these deductions to be effective.

j. Foreign currency transactions

Foreign currency transactions are reflected in the income statement at the exchange rates applicable at the transaction date. All realised or unrealised foreign currency losses and realised foreign currency gains are recognised in the income statement, whereas unrealised gains are taken to deferred income and recognised in the income statement when they occur.

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k. Income and expenses

Income and expenses are recognised on an accruals basis.

In any case, on a prudent basis, only realised profit at the reporting date is recognised, to the extent that the foreseeable future risks and losses are accounted for as soon as they are identified.

Income relating to the park entry fee is deferred on a straight-line basis over the duration of the contracts (normally 10 years), as it comprises consideration for the services to be rendered to customers over the period of these contracts. This income is recognised under deferred income (non-current) and prepayments (current) and is recognised on a straight-line basis in the income statement over the period of the contract.

l. Transactions between Group entities

Transactions between Group entities are initially recognised at fair value. If the agreed transaction price differs from the fair value, the difference is recognised taking into consideration the economic reality of the transaction.

m. Transactions between related parties

Transactions between related parties are initially recognised at fair value. If the agreed transaction price differs from the fair value, the difference is recognised taking into consideration the economic reality of the transaction.

n. Statements of cash flows

The following terms are used in the statements of cash flows with the meanings specified:

- Cash or cash equivalents: Cash comprises cash on hand and demand deposits. Cash equivalents are financial instruments which form part of the Foundation's normal cash management process, they are convertible into cash, initially mature in no more than three months and are subject to an insignificant risk of changes in value.
- Cash flows: inflows and outflows of cash and cash equivalents, which are understood to be three-month, highly liquid investments subject to a low risk of changes in value.
- Operating activities: the principal revenue-producing activities of the Foundation and other activities that are not investing or financing activities.
- Investing activities: the acquisition and disposal by other means of non-current assets and other investments not included in cash equivalents.
- Financing activities: activities that result in changes in the size and composition of the equity and borrowings.

o. Environmental matters

The Foundation does not have any environmental liabilities, expenses, assets or provisions and contingencies which could be significant in relation to its equity, financial position or results.

For this reason, these notes to the annual accounts do not disclose any environmental information.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

p. Cash and cash equivalents

Cash and cash equivalents include cash on hand and demand deposits in financial institutions. They also include other short-term, highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. They include investments maturing three months from the acquisition date.

5. Intangible assets

Details of the cost of intangible assets, movement during 2011 and 2012 and the related accumulated amortisation is as follows:

Exercice 2011

Item Thousands of Euros	Gross value			
	Balance at 01/01/2011	**Additions**	**Disposals**	**Balance at 31/12/2011**
Rights over assets in use	7,981.16	,00	,00	7,981.16
Industrial property	19.88	,00	,00	19.88
Computer software	1,239.63	20.20	(2.02)	1,257.81
In progress and advances	126.83	122.36	,00	249.19
TOTAL	**9,367.50**	**142.56**	**(2.02)**	**9,508.04**

Item Thousands of Euros	Amortisation of intangible assets				Carrying amount
	Balance at 01/01/2011	**Charges**	**Disposals**	**Balance at 31/12/2011**	**Balance at 31/12/2011**
Rights over assets in use	(2,249.75)	(155.76)	,00	(2,405.51)	5,575.65
Industrial property	(8.12)	(,70)	,00	(8.82)	11.06
Computer software	(995.18)	(151.12)	2.02	(1,144.28)	113.53
In progress and advances	,00	,00	,00	,00	249.19
TOTAL	**(3,253.05)**	**(307.58)**	**2.02**	**(3,558.61)**	**5,949.43**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Item	Gross value				
Thousands of Euros	Balance at 01/01/2012	Additions	Disposals	Transfers	Balance at 31/12/2012
Administrative concessions	7,981.16	,00	,00	,00	7,981.16
Industrial property	19.88	,00	,00	,00	19.88
Computer software	1,257.81	34.33	,00	259.19	1,551.33
In progress and advances	249.19	10.00	,00	(259.19)	,00
TOTAL	**9,508.04**	**44.33**	**,00**	**,00**	**9,552.37**

Item	Amortisation of intangible assets				Carrying amount
Thousands of Euros	Balance at 01/01/2012	Charges	Disposals	Balance at 31/12/2012	Balance at 31/12/2012
Administrative concessions	(2,405.51)	(157.02)	,00	(2,562.53)	5,418.63
Industrial property	(8.82)	(,70)	,00	(9.52)	10.36
Computer software	(1,144.28)	(194.29)	,01	(1,338.56)	212.77
TOTAL	**(3,558.61)**	**(352.01)**	**,01**	**(3,910.61)**	**5,641.76**

Fully amortised intangible assets amounted to Euros 1,022.24 thousand and Euros 1,217.65 thousand at 2011 and 2012, respectively.

6. Investment property

The Foundation does not have any investment property included as part of its assets.

7. Historical and cultural heritage assets

The Foundation does not have any historical and cultural heritage assets.

8. Property, plant and equipment

Details of movement during 2011 and 2012 of items included under property, plant and equipment and corresponding depreciation, are as follows:

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2011

Item Thousands of Euros	Gross value				
	Balance at 01/01/2011	**Additions**	**Disposals**	**Transfers**	**Balance at 31/12/2011**
Buildings	59,390.83	,00	(111.02)	7,472.04	66,751.85
Technical installations	32,751.02	4,021.53	(2,637.99)	,00	34,134.56
Other installations, equipment and furniture	19,239.80	517.28	(502.22)	,00	19,254.86
IT equipment	3,530.21	83.32	(123.01)	,00	3,490.52
Under construction and advances	58,972.52	3,912.12	,00	(7,472.04)	55,412.60
Other property, plant and equipment	409.87	16.62	(47.51)	,00	378.98
TOTAL	**174,294.25**	**8,550.87**	**(3,421.75)**	**,00**	**179,423.37**

Item Thousands of Euros	Provision for impairment				
	Balance at 01/01/2011	**Charges**	**Disposals**	**Transfers**	**Balance at 31/12/2011**
Buildings	,00	(5,857.68)	,00	,00	(5,857.68)
TOTAL	**,00**	**(5,857.68)**	**,00**	**,00**	**(5,857.68)**

Item Thousands of Euros	Depreciation					Carrying amount
	Balance at 01/01/2011	**Charges**	**Disposals**	**Transfers**	**Balance at 31/12/2011**	**Balance at 31/12/2011**
Buildings	(10,297.47)	(1,514.77)	27.52	,00	(11,784.72)	49,109.45
Technical installations	(20,013.60)	(2,459.77)	448.92	,00	(22,024.45)	12,110.11
Other installations, equipment and furniture	(11,324.15)	(1,816.14)	305.58	,00	(12,834.71)	6,420.15
IT equipment	(2,299.22)	(438.12)	122.31	,00	(2,615.03)	875.49
Under construction and advances	,00	,00	,00	,00	,00	55,412.60
Other property, plant and equipment	(379.76)	(13.85)	47.65	,00	(345.96)	33.02
TOTAL	**(44,314.20)**	**(6,242.65)**	**951.98**	**,00**	**(49,604.87)**	**123,960.82**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Item	Gross value				
Thousands of Euros	Balance at 01/01/2012	Additions	Disposals	Transfers	Balance at 31/12/2012
Buildings	66,751.85	,00	(183.55)	20,611.57	87,179.87
Technical installations	34,134.56	1,891.10	(121.43)	,00	35,904.23
Other installations, equipment and furniture	19,254.86	564.41	(199.67)	,00	19,619.60
IT equipment	3,490.52	526.44	(1.33)	,00	4,015.63
Under construction and advances	55,412.60	7,405.82	,00	(20,611.57)	42,206.85
Other property, plant and equipment	378.98	12.43	(3.50)	,00	387.91
TOTAL	**179,423.37**	**10,400.20**	**(509.48)**	**,00**	**189,314.09**

Item	Provision for impairment				
Thousands of Euros	Balance at 01/01/2012	Charges	Disposals	Transfers	Balance at 31/12/2012
Buildings	(5,857.68)	(1,233.19)	5,857.68	,00	(1,233.19)
Technical installations	,00	(295.00)	,00	,00	(295.00)
TOTAL	**(5,857.68)**	**(1,528.19)**	**5,857.68**	**,00**	**(1,528.19)**

Item	Depreciation					Carrying amount
Thousands of Euros	Balance at 01/01/2012	Charges	Disposals	Transfers	Balance at 31/12/2012	Balance at 31/12/2012
Buildings	(11,784.72)	(3,082.23)	45.44	,00	(14,821.51)	71,125.17
Technical installations	(22,024.45)	(3,129.63)	121.43	,00	(25,032.65)	10,576.58
Other installations, equipment and furniture	(12,834.71)	(1,669.00)	105.16	,00	(14,398.55)	5,221.05
IT equipment	(2,615.03)	(450.04)	1.04	,00	(3,064.03)	951.60
Under construction and advances	,00	,00	,00	,00	,00	42,206.85
Other property, plant and equipment	(345.96)	(19.36)	3.51	,00	(361.81)	26.10
TOTAL	**(49,604.87)**	**(8,350.26)**	**276.58**	**,00**	**(57,678.55)**	**130,107.35**

The most significant additions for 2012 relate to the completion of the fitting out of new customer areas in the Cluster II Building and the animal facility service. Additions for 2011 relate to the fitting out of the new buildings: Cluster II Building, Energies Building and Services Building.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Transfers of property, plant and equipment under construction for 2012 relate to the start up of the restaurant, with a total surface area of 1,112m2, to the start up of certain spaces on floor 1 and the whole of floor 4 in the Cluster II Building, as well as approximately 500m2 for the animal facility service. Transfers for 2011 relate to the start-up of car parking facilities with a total surface area of 15,137m2 and to the Energies Building with a surface area of 575m2.

Under construction and advances relate to the new Cluster II laboratories which will come into operation as of 2013.

The most significant disposals for 2012 mainly relate to the disposal of part of the Library Building which was pending. Disposals for 2011 relate to the transfer of the Library, Philosophy and Florensa Buildings to the University de Barcelona.

The provision for impairment for 2011 related to the carrying amount less the portion subsidised, of the Helix Building, due to the end of the administrative concession. During 2012 this provision was cancelled as a result of the renewal of the concession until 2017. The provision for the year corresponds to the carrying amount of the future auditorium, which showed indications of impairment due to not having been put into use.

Fully depreciated property, plant and equipment for 2011 amounted to Euros 22,703.36 thousand Euros 25,184.62 thousand in 2012.

During 2012 and 2011 finance costs of Euros 312.43 thousand and Euros 501.36 thousand, respectively, have been capitalised.

On 22 December 2011 an agreement was signed with the University of Barcelona stipulating the partial reversal of the usage right concession to the University de Barcelona, having already been approved by the Foundation's Board of Trustees. A Euros 5,555 thousand advance on account of this possible reversal has already been collected. As the Board of Trustees has already informed in subsequent meetings, it is foreseeable that this reversal will not take place. The amendment of the agreement and the decision regarding the use of the Euros 5,555 thousand are dependant on approval of the PCB Viability Plan currently under negotiation.

The capital insured for risks arising from damage to property, plant and equipment, adequately covers their carrying amount.

9. Investments in Group entities and associates

Movement in non-current and current investments in Group entities and associates for 2011 and 2012, expressed in thousands of Euros, are as follows:

Exercice 2011

Item	Investments in Group entities and associates					
	Balance at 01/01/2011	**Additions**	**Transfers to current**	**Disposals**	**Valuation adjustment**	**Balance at 31/12/2011**
Non-current	6,864.00	,00	(449.04)	(3,632.05)	1,132.04	3,914.95
Current	568.42	,00	449.04	(566.33)	,00	451.13
TOTAL	**7,432.42**	**0.00**	**0.00**	**(4,198.38)**	**1,132.04**	**4,366.08**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Item	Investments in Group entities and associates					
	Balance at 01/01/2012	**Additions**	**Transfers to current**	**Disposals**	**Valuation adjustment**	**Balance at 31/12/2012**
Non-current	3,914.95	,00	(321.51)	(1,211.14)	474.36	2,856.66
Current	451.13	,00	321.51	(431.62)	,00	341.02
TOTAL	**4,366.08**	**0.00**	**0.00**	**(1,642.76)**	**474.36**	**3,197.68**

Loans to Group entities and associates reflect part of the subsidies granted by the Ministry of the Economy and Competition for scientific and technological parks, not destined for the Foundation, but to Group entities and associates. In these cases the Foundation acts as the coordinator for these subsidies and bears responsibility to the MECO (see note 14) for the total amounts received, except for that set out in the following paragraph:

On 25 January 2012, 15 March 2011 and 9 August 2011 rulings regarding the rectification of errors were issued by the MECO with reference to 2007 loans (annuality 2008 and 2007) and 2006 loans (annuality 2007), which showed new repayment schedules and transferred the obligation for payment to the coordinating entities. The Foundation therefore ceases to have the obligation with the MECO, derecognising both the investment and the loan (see note 14). Likewise, in 2010 rectifications to the 2005 and 2006 loans were issued (annuality 2006).

10. Investments

Movement in non-current investments during 2011 and 2012, expressed in thousands of Euros, is as follows:

Exercice 2011

Item	Non-current investments					
	Balance at 01/01/2011	**Additions**	**Transfers to current**	**Disposals**	**Valuation adjustment**	**Balance at 31/12/2011**
Other loans	8,082.74	168.61	(394.21)	(1,623.12)	734.86	6,968.88
Investment securities	6.00	,00	,00	,00	,00	6.00
Non-current deposits and guarantees	305.93	10.45	,00	,00	,00	316.38
TOTAL	**8,394.67**	**179.06**	**(394.21)**	**(1,623.12)**	**734.86**	**7,291.26**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Item	Non-current investments					
	Balance at 01/01/2012	**Additions**	**Transfers to current**	**Disposals**	**Valuation adjustment**	**Balance at 31/12/2012**
Other loans	6,968.88	,00	(1,016.66)	,00	77.13	6,029.35
Investment securities	6.00	,00	,00	,00	,00	6.00
Non-current deposits and guarantees	316.38	,00	,00	(6.26)	,00	310.12
TOTAL	**7,291.26**	**0.00**	**(1,016.66)**	**(6.26)**	**77.13**	**6,345.47**

Movement in current investments during 2011 and 2012, expressed in thousands of Euros, is as follows:

Exercice 2011

Item	Current investments				
	Balance at 01/01/2011	**Additions**	**Transfers to current**	**Disposals**	**Balance at 31/12/2011**
Other loans	499.97	,00	394.21	(499.97)	394.21
Current deposits and guarantees	11.62	,17	,00	,00	11.79
TOTAL	**511.59**	**0.17**	**394.21**	**(499.97)**	**406.00**

Exercice 2012

Item	Current investments				
	Balance at 01/01/2012	**Additions**	**Transfers to current**	**Disposals**	**Balance at 31/12/2012**
Other loans	394.21	,00	1,016.66	(394.20)	1,016.67
Other financial assets	,00	205.88	,00	,00	205.88
Current deposits and guarantees	11.79	2.06	,00	,00	13.85
TOTAL	**406.00**	**207.94**	**1,016.66**	**(394.20)**	**1,236.40**

Other loans reflect the portion of the subsidies received from the Ministry of the Economy and Competition for scientific and technological parks which are not destined to the Foundation but to other non-Group entities or associates. In these cases the Foundation acts as the coordinator for these subsidies and bears responsibility to the MECO (see note 14) for the total amounts received, except for that set out in the following paragraph:

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

On 15 March 2011 and 9 August 2011 rulings regarding the rectification of errors were issued by the MECO with reference to 2007 loans (annuality 2008 and 2007) and 2006 loans (annuality 2007), which showed new repayment schedules and transferred the obligation for payment to the coordinating entities. The Foundation therefore ceases to bear the obligation with the MECO, derecognising both the investment and the loan (see note 14). Likewise, in 2010 rectifications to the 2005 and 2006 loans were issued (annuality 2006).

11. Inventories

Inventories amounted to Euros 78.17 thousand and Euros 84.59 thousand at 31 December 2012 and 2011, respectively. These inventories relate to consumables for sale to the Park's customers and are basically destined for research.

12. Users, sponsors and other receivables

Trade receivables reflect the amount receivable from customers for the Foundation's activities; receivables from Group entities and associates (see note 20); receivables from public entities and other.

a. Public entities

Details of the balance at 31 December 2011 and 2012, in thousands of Euros, are as follows:

	2012	2011
Grants receivable from public entities (*)	24,477.68	29,161.96
Taxation authorities, VAT recoverable, pending deduction	552.51	653.54
Taxation authorities, VAT recoverable	776.88	0
Total	**25,807.07**	**29,815.50**

(*) A breakdown of certified grants receivable, in thousands of Euros, are as follows:

Thousands of Euros	Current		Use
	2012	2011	
FEDER (Generalitat / MECO)	9,551.76	9,551.76	Capital
Other grants	14,925.92	19,610.20	Operations
TOTAL	**24,477.68**	**29,161.96**	

These amounts forming part of the balance sheet are included under Public entities, other.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

b. Movement in allowance accounts representing impairment losses originating from the credit risk for 2011 and 2012 is as follows, in thousands of Euros:

Exercice 2011

	2011		
	Users	**Other receivables**	**Total**
Impairment losses at 01/01/2011	490.13	,00	490.13
(+) Impairment	(93.49)	,00	(93.49)
(-) Definitive cancellations	,00	,00	,00
Impairment losses at 31/12/2011	**396.64**	**,00**	**396.64**

Exercice 2012

	2012		
	Users	**Other receivables**	**Total**
Impairment losses at 01/01/2012	396.64	,00	396.64
(+) Impairment	2.11	,00	2.11
(-) Definitive cancellations	,00	,00	,00
Impairment losses at 31/12/2012	**398.75**	**,00**	**398.75**

13. Equity

a. Foundation reserve

Details of the foundation reserve, in thousands of Euros, are as follows:

Institution	Amount
University of Barcelona	5,589.35
Bosch i Gimpera Foundation	60.10
Catalunya Banc	60.10
Total	5.709,55

Contributions to the foundation reserve by Bosch i Gimpera Foundation and Catalunya Banc are in the form of monetary contributions. The contribution from the University of Barcelona is made through an administrative concession, assigning the right to use land and buildings for a period of 30 years. This administrative concession includes land and buildings where the Foundation carries out its activity.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

b. Grants, donations and bequests received

Details of movement relating to equity during 2011 and 2012 are shown in the statement of recognised income and expenses and the comprehensive statement of changes in equity.

Details of grants, donations and bequests received, in thousands of Euros, at 31 December 2011 and 2012, are as follows:

Entity	Description	2012	2011
FEDER	Granted by the CICYT and UB and transferred by the Foundation	315.53	323.94
FEDER	Granted by the Ministry of Science and Technology	2,267.71	2,382.56
FEDER	Granted by the Generalitat de Catalunya	7,765.03	8,311.86
FEDER	DURSI-MCYT-PCB-UB agreement	580.04	718.66
FEDER	Granted by MECO for scientific infrastructure	351.85	459.64
FEDER	Granted by MECO for construction work	7,990.85	8,209.12
MCYT/UB-PCB/UPC	Granted by MECO for construction work	1,302.93	1,338.34
CIDEM	Scientific infrastructure	56.37	60.80
FBG	Scientific infrastructure	28.53	39.58
AGAUR	Scientific infrastructure	9.78	13.07
BSCH	Construction work	3,511.93	4,214.31
Merck	Scientific infrastructure	274.40	329.25
FEDER	Conversion of 2007 loan to FEDER	1,261.61	1,750.02
MICINN	Plan E	6,887.67	6,950.87
GENERALITAT	Additional 3rd Statute	11,897.72	11,950.00
MICINN	CNAG platform	6,243.57	11,561.23
FEDER	INNPLANTA 10	777.50	554.62
OTHER	Revaluation of MECO loans	8,375.35	9,505.35
TOTAL		**59,898.37**	**68,673.22**

All grants are related to investments for the construction of buildings and the equipping of the Parc Científic de Barcelona. The Foundation has complied with all the conditions attaching to these grants.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

14. Non-current payables

Details of this caption, in thousands of Euros, are as follows:

Exercice 2011

Origin	Use	Non-current
Catalunya Banc, ICO, ICF	Syndicated loan	52,941.18
MECO (2000 call)	Repayable advance	9,252.50
MECO (2001 call)	Repayable advance	901.52
MECO (2002 call)	Repayable advance	1,586.30
MECO (2005 call)	Repayable advance	1,625.17
MECO (2006 call)	Repayable advance	4,535.07
MECO (2007 call)	Repayable advance	8,054.85
Generalitat (2008 call)	Repayable advance	6,361.87
MECO (2008 call)	Repayable advance	316.75
MECO (2009 call)	Repayable advance	8,911.57
MECO (2010 call)	Repayable advance	8,072.69
Revaluation of MECO loans		-13,028.46
Non-current guarantees and deposits		6.89
	Total payables	**89,537.90**

Exercice 2012

Origin	Destination	Non-current
Catalunya Banc, ICO, ICF	Syndicated loan	45,882.35
MECO (2000 call)	Repayable advance	6,168.32
MECO (2001 call)	Repayable advance	676.14
MECO (2002 call)	Repayable advance	1,269.03
MECO (2005 call)	Repayable advance	1,278.68
MECO (2006 call)	Repayable advance	3,976.23
MECO (2007 call)	Repayable advance	6,501.73
Generalitat (2008 call)	Repayable advance	5,783.52
MECO (2008 call)	Repayable advance	266.27
MECO (2009 call)	Repayable advance	8,260.57
MECO (2010 call)	Repayable advance	8,072.69
Revaluation of MECO loans		-11,346.96
Non-current fixed asset payables		8,438.52
Non-current guarantees and deposits		6.90
	Total payables	**85,233.99**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

On 17 May 2005 the Parc Cientific entered into a syndicated loan of Euros 60,000.00 thousand. Amounts of Euros 18,642.6 thousand, Euros 13,509.11 thousand, Euros 18,638.65 thousand, Euros 745.67 thousand and 8,463.97 thousand were drawn down on this loan during 2005, 2007, 2008, 2009 and 2010, respectively. This loan accrues interest at market rates.

On 16 February 2011 an amending novation to the aforementioned loan agreement was signed, granting an 18-month deferral of the grace period. Consequently, the first capital repayment was made on 17 February 2012. During 2012 the PCB settled the first three installments outstanding and the November installment is still pending settlement. In conjunction with the University of Barcelona, the Foundation is currently in the process of negotiating with the lenders of the syndicated loan (CATALUNYA BANC, ICO, ICF) regarding the possibility of financing the outstanding installments until May 2014, together with those installments payable prior to that date.

Details of maturity dates of non-current loans, in thousands of Euros, are as follows:

Exercice 2011

Origin	2013	2014	2015	2016	2017	Subsequent to 2017	Total
Catalunya Banc, ICO, ICF	7,058.82	7,058.82	7,058.82	7,058.82	7,058.82	17,647.08	52,941.18
MECO (Call 2000)	3,084.16	3,084.16	3,084.18	0.00	0.00	0.00	9,252.50
MECO (Call 2001)	225.38	225.38	225.38	225.38	0.00	0.00	901.52
MECO (Call 2002)	317.26	317.26	317.26	317.26	317.26	0.00	1,586.30
MECO (Call 2005-1)	50.51	50.51	50.51	50.51	50.51	202.08	454.63
MECO (Call 2005-2)	130.06	130.06	130.06	130.06	130.06	520.24	1,170.54
MECO (Call 2006-1)	392.49	392.49	392.49	392.49	392.49	1,570.01	3,532.46
MECO (Call 2006-2)	100.26	100.26	100.26	100.26	100.26	501.31	1,002.61
MECO (Call 2007-1)	614.56	614.56	614.56	614.56	614.56	3,072.85	6,145.65
MECO (Call 2007-2)	173.56	173.56	173.56	173.56	173.56	1,041.40	1,909.20
MECO (Call 2008-1)	36.54	36.54	36.54	36.54	36.54	36.55	219.25
GENERALITAT (Call 2008)	578.35	578.35	578.35	578.35	578.35	3,470.12	6,361.87
MECO (Call 2008-3)	13.93	13.93	13.93	13.93	13.93	27.85	97.50
MECO (Call 2009)	25.05	25.05	25.05	25.05	25.05	175.37	300.62
MECO (Call 2009-1)	605.00	605.00	605.00	605.00	605.00	4,235.01	7,260.01
MECO (Call 2009-2)	86.30	86.30	86.30	86.30	86.30	604.15	1,035.65
MECO (Call 2009-3)	20.96	20.96	20.96	20.96	20.96	41.89	146.69
MECO (Call 2009-4)	10.86	10.86	10.86	10.86	10.86	21.70	76.00
MECO (Call 2009-4)	0.00	13.23	13.23	13.23	13.23	39.68	92.60
INNPLANTA (2010)		672.72	672.72	672.72	672.72	5,381.79	8,072.69
Revaluation of loans MECO	0.00	0.00	0.00	0.00	0.00	-13,028.46	-13,028.46
Non-current guarantees	6.89	0.00	0.00	0.00	0.00	0.00	6.89
TOTAL	**13,530.94**	**14,210.00**	**14,210.02**	**11,125.84**	**10,900.46**	**25,560.62**	**89,537.90**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Origin	2014	2015	2016	2017	2018	Subsequent to 2018	Total
Catalunya Banc, ICO, ICF	8,823.53	7,058.82	7,058.82	7,058.82	7,058.82	8,823.54	45,882.35
MECO (Call 2000)	3,084.16	3,084.16	0.00	0.00	0.00	0.00	6,168.32
MECO (Call 2001)	225.38	225.38	225.38	0.00	0.00	0.00	676.14
MECO (Call 2002)	317.26	317.26	317.26	317.25	0.00	0.00	1,269.03
MECO (Call 2005-1)	34.98	34.98	34.98	34.98	34.98	69.97	244.87
MECO (Call 2005-2)	129.23	129.23	129.23	129.23	129.23	387.66	1,033.81
MECO (Call 2006-1)	384.23	384.23	384.23	384.23	384.23	1,152.73	3,073.88
MECO (Call 2006-2)	100.26	100.26	100.26	100.26	100.26	401.05	902.35
MECO (Call 2007-1)	610.37	610.37	610.37	610.37	610.37	2,441.54	5,493.39
MECO (Call 2007-2)	100.83	100.83	100.83	100.83	100.83	504.19	1,008.34
MECO (Call 2008-1)	36.54	36.54	36.54	36.54	36.54	0.00	182.70
GENERALITAT (Call 2008)	578.35	578.35	578.35	578.35	578.35	2,891.77	5,783.52
MECO (Call 2008-3)	13.93	13.93	13.93	13.93	13.93	13.92	83.57
MECO (Call 2009)	25.05	25.05	25.05	25.05	25.05	150.32	275.57
MECO (Call 2009-1)	605.00	605.00	605.00	605.00	605.00	3,630.01	6,655.01
MECO (Call 2009-2)	86.30	86.30	86.30	86.30	86.30	604.15	1,035.65
MECO (Call 2009-3)	20.96	20.96	20.96	20.96	20.96	20.94	125.74
MECO (Call 2009-4)	10.86	10.86	10.86	10.86	10.86	21.70	76.00
MECO (Call 2009-5)	13.23	13.23	13.23	13.23	13.23	26.45	92.60
INNPLANTA (2010)	672.72	672.72	672.72	672.72	672.72	4,709.09	8,072.69
Revaluation of loans MECO	0.00	0.00	0.00	0.00	0.00	-11,346.96	-11,346.96
Non-current fixed asset payables	4,961.93	1,158.86	1,158.86	1,158.87	0.00	0.00	8,438.52
Non-current guarantees	6.90	0.00	0.00	0.00	0.00	0.00	6.90
TOTAL	**20,842.00**	**15,267.32**	**12,183.16**	**11,957.78**	**10,481.66**	**14,502.07**	**85,233.99**

Repayable advances have a zero interest rate and, therefore, they have been revalued at a market interest rate, considering that the difference with their amortised cost corresponds to a grant received.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

15. Non-current accruals

Non-current accruals and movement for the year, expressed in thousands of Euros, are as follows:

Exercice 2011

Thousands of Euros	Balance at 01/01/2011	Additions for the year	Disposals for the year	Recognised in profit or loss	Balance at 31/12/2011
Non-current accruals	3,211.51	16,218.81	,00	(681.07)	18,749.25
Total	**3,211.51**	**16,218.81**	**,00**	**(681.07)**	**18,749.25**

Exercice 2012

Thousands of Euros	Balance at 01/01/2012	Additions for the year	Transfer to current	Recognised in profit or loss	Balance at 31/12/2012
Non-current accruals	18,749.25	867.10	(5,014.27)	(724.66)	13,877.42
Total	**18,749.25**	**867.10**	**(5,014.27)**	**(724.66)**	**13,877.42**

Non-current accruals include:

a) Income from the fitting out of spaces, which is deferred on a straight-line basis over the duration of the contracts.

b) The amount pending recognition in income for projects granted and pending execution at the reporting date and which will not be recognised during 2013. See note 18.

Additions for 2011 mainly reflect:

- Euros 9,327.59 thousand, transferred to non-current for multi-year projects awarded and which is not expected to be taken to current and which were recognised as current accruals at 31 December 2010.
- Euros 5,555 thousand is the amount received by the UB, as an advance for future fitting out work.
- Other projects received

Additions for 2012 mainly reflect:

- Projects to fit out spaces carried out during the year.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

16. Current payables

Exercice 2011

Origin	Use	Current
Credit institution	Unpaid interest accrued	308.60
Credit institution	Syndicated loan	7,058.82
Other institutions	CNAG balance	1,295.56
	Total payables	**8,662.98**

Exercice 2012

Origin	Use	Current
Credit institution	Unpaid interest accrued	169.09
Credit institution	Syndicated loan	8,823.55
Other institutions	CNAG balance	1,043.63
	Total payables	**10,036.27**

17. Trade and other payables

Trade payables relate to the amount payable to suppliers to carry out the Foundation's activity, the balance payable to Group entities and associates (see note 20), the balance payable to public entities and other payables.

a. Late payments to suppliers

"Reporting Requirement". Third Additional Provision of Law 15/2010 of 5 July 2010 Details of late payments to suppliers pursuant to Law 15/2010 of 5 July 2010 are as follows:

At 31 December 2011:

	Payments made and outstanding at the reporting date	
	2011	
	Amount	%
Within maximum legal period	21,333.53	91.5%
Other	1,980.00	8.5%
Total payments for the year	23,313.53	100.0%
Weighted average late payment days	90	
Late payments exceeding the maximum legal period at the reporting date	3,855.68	50%

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

At 31 December 2012:

	Payments made and outstanding at the reporting date	
	2012	
	Amount	%
Within maximum legal period	7,736.61	41.7%
Other	10,828.49	58.3%
Total payments for the year	18,565.10	100.0%
Weighted average late payment days	88	
Late payments exceeding the maximum legal period at the reporting date	525.27	9%

b. Public entities

Details of the balance at 31 December 2011 and 2012, in thousands of Euros, are as follows:

	2012	2011
Advance repayable to MECO - current	22,649.17	16,803.63
Taxation authorities, withholding tax payable	62.92	112.32
Taxation authorities, VAT payable	0.00	1,056.60
Social Security	150.95	150.25
Total	**22,863.04**	**18,122.80**

18. Current accruals

Details of the balance at 31 December 2011 and 2012, in thousands of Euros, are as follows:

	2012	2011
Research projects pending execution	13,156.84	6,341.30
Income from fitting out pending recognition as current	512.45	,00
	13,669.29	**6,341.30**

19. Taxation

The Foundation is governed by the special tax regime set out by Law 49/2002 of 23 September 2002 "Tax regime of non-profit making entities and tax incentives for patronage", as it complies with all relevant requirements after having opted in time and form.

A reconciliation between the Foundation's taxable income for 2012 and 2011 and the accounting surplus before tax is as follows:

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Thousands of Euros	2012	2011
Surplus before tax	633.24	(10,020.51)
Permanent differences:		
- Negative adjustment pursuant to Law 49/2002	(27,587.99)	(35,595.43)
- Positive adjustment pursuant to Law 49/2002	28,221.23	25,574.92
Taxable income	,00	,00
Tax accrued	,00	,00

At 31 December 2012 the Foundation has open to inspection by the taxation authorities all applicable unprescribed taxes.

At 2012 year end the Foundation has income tax losses pending offset amounting to Euros 9,544.92 thousand. Details of this caption are as follows:

Year generated	Amount	Offsetting deadline
1,999	448.76	2,014
2,000	844.33	2,015
2,001	3,019.89	2,016
2,002	5,231.94	2,017
Total	**9,544.92**	

20. Information on related parties

Details of balances receivable from and payable to related parties, in thousands of Euros, are as follows:

Exercice 2011

Institution	Non-current loans - MECO	Current loans	Current loans - MECO	Current payables
University of Barcelona	3,909.91	175.98	446.95	167.81
Bosch i Gimpera Foundation	5.04	106.14	4.18	3.81
Institute for Research in Biomedicine	0.00	1,461.71	0.00	766.45
TOTAL	**3,914.95**	**1,743.83**	**451.13**	**938.07**
	(note 9)	(note 12)	(note 9)	(note 17)

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Exercice 2012

Institution	Non-current loans - MECO	Current loans	Current loans - MECO	Current payables
University of Barcelona	2,853.34	237.92	336.85	165.37
Bosch i Gimpera Foundation	3.32	53.36	4.17	0.16
Institute for Research in Biomedicine	0.00	826.39	0.00	0.42
TOTAL	**2,856.66**	**1,117.67**	**341.02**	**165.95**
	(note 9)	(note 12)	(note 9)	(note 17)

Details of transactions with Group entities and associates during the year are as follows:

Exercice 2011

	Services rendered	Services received
University of Barcelona	7,041.96	339.46
Bosch i Gimpera Foundation	255.39	47.11
Institute for Research in Biomedicine	4,126.34	43.19
TOTAL	**11,423.69**	**429.76**

Exercice 2012

	Services rendered	Services received
University of Barcelona	1,375.99	244.09
Bosch i Gimpera Foundation	309.13	11.6
Institute for Research in Biomedicine	4,371.85	0.51
TOTAL	**6,056.97**	**256.20**

During the year the members of the Board of Trustees have not accrued any kind of remuneration. Likewise, none of the members of the Board of Trustees have received any advances or loans at 31 December 2012. There are no pension or life insurance obligations with former or current members of the Board of Trustees.

Salaries, allowances and remuneration of any kind accrued during the year by senior management, understood to be the members of the management committee, have amounted to Euros 439.51 thousand and Euros 476.44 thousand during 2012 and 2011, respectively.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

At reporting date, no advances or loans have been extended to senior management personnel during 2012 and 2011, nor have any guarantee obligations been assumed on their behalf.

21. Income and expenses

21.1. Income on sales and services rendered

This income refers to rentals, general services, common scientific services and the defraying of expenses from leased spaces.

21.2. Government grants

1. Government grants for research projects of Euros 3,851.74 thousand have been recognised as income.
2. An amount of Euros 100 thousand has been recognised as income for management carried out by the Fundation by CNAG.

21.3. Expenses deriving from the governing body

The Foundation has incurred no expenses from the governing body during 2012 and 2011.

21.4. Subsidies given and other expenses

Details of subsidies given and other expenses are as follows, in thousands of Euros:

Activity	2012	2011
Summer interns at Park	20.77	18.54
Interns - scientific activity	3.89	29.67
Interns - research projects	108.54	71.35
	133.2	**119.56**

21.5. Supplies

All supplies correspond to raw materials consumed and consumables.

Foreign currency transactions relate to purchases and services contracted, shown as follows (in thousands of Euros):

Purchases	2012	2011
Pound Sterling	10.07	23.31
US Dollar	40.28	31.01
Colombian Peso	1.08	27.79
Japanese Yen	1.08	0
	52.51	**82.11**

At 31 December 2012 no foreign currency balances are outstanding.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

21.6. Employee benefits expense

Details of employee benefits expense during the year are as follows (in thousands of Euros):

	2012	2011
Social Security	1,550.65	1,666.40
Training and food allowances	201.61	217.47
Total employee benefits expense	**1,752.26**	**1,883.87**

The average headcount by professional category during 2012 and 2011 is as follows:

Professional category	**2011**			**2012**		
	Male	**Female**	**TOTAL**	**Male**	**Female**	**TOTAL**
Administration/management	17	44	61	17	47	64
Scientific services	4	8	12	5	7	12
Research/technical platform	52	72	124	48	59	107
Laboratory technicians	2	3	5	1	3	4
External collaborators	0	0	0	0	0	0
	75	**127**	**202**	**71**	**116**	**187**

The headcount by professional category at reporting date is as follows:

	31/12/2011		
Professional category	**Male**	**Female**	**TOTAL**
Administration/management	16	43	59
Scientific services	5	7	12
Research/technical platform	43	66	109
Laboratory technicians	2	3	5
External collaborators	0	0	0
	66	**119**	**185**

	31/12/2012		
Professional category	**Male**	**Female**	**TOTAL**
Administration/management	16	46	62
Scientific services	5	7	12
Research/technical platform	53	53	106
Laboratory technicians	1	3	4
External collaborators	0	0	0
	75	**109**	**184**

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

21.7. Other income/expense

Details, expressed in thousands of Euros, are as follows:

Exercice 2011

Extraordinary income item	Amount
Reclassification of trade receivable balances	7.84
Total extraordinary income	**7.84**

Extraordinary expense item	Amount
Reclassification of supplier balances	10.02
Total extraordinary expenses	**10.02**

Exercice 2012

Extraordinary income item	Amount
Reclassification of trade receivable balances	10.40
Adjustment indirect taxation	9.49
Total extraordinary income	**19.89**

22. Application of assets and income to foundational objectives

Destination of income and returns to foundational objectives

a. All assets and rights forming part of the foundation reserve are directly related to achieving foundational objectives.

b. None of the Foundation's assets and rights have been disposed of.

c. Total income obtained has been destined for foundational objectives. As net income is equivalent to gross income less necessary expenses, the following calculation has been made:

Exercice 2011

Thousands of Euros

Net income	Gross income	Necessary expenses
18,943.45	25,465.35	6,521.90

Consequently, 70% of net income is Euros 13,260.41 thousand, the total amount of which is destined for foundational objectives.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

Item	Foundation expense	Necessary expense
Monetary subsidies and other expenses	100%	
Supplies	90%	10%
Personnel expenses	54%	46%
Amortisation and depreciation	95%	5%
External services	80%	20%
Taxes	100%	
Charge to reversal fund	100%	
Finance costs for interest on loans	100%	
Other finance costs	100%	
Prior years' expenses and losses	100%	

Exercice 2012

Net income	Gross income	Necessary expenses
22,358.09	27,103.46	4,745.37

Consequently, 70% of net income is Euros 15,650.66 thousand, which is fully destined for foundational objectives:

Item	% foundation expense	% necessary expense	Expense at 31/12/2012	Necessary expense	Foundation expense
Monetary subsidies and other expenses	100%		133.00		133.00
Supplies	86%	14%	337.00	47.18	289.82
Personnel expenses	69%	31%	7,375.00	2,286.25	5,088.75
Amortisation and depreciation	91%	9%	8,702.00	783.18	7,918.82
External services	86%	14%	11,634.00	1,628.76	10,005.24
Taxes	100%		20.00		20.00
Charge to reversal fund	100%				0.00
Finance costs for interest on loans	100%		2,437.00		2,437.00
Other finance costs	100%				0.00
Prior years' expenses and losses	100%		56.00		56.00
			30,694.00	4,745.37	25,948.63

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

23. Other information

a. Guarantee commitments with third parties and other contingent liabilities:

As mentioned in preceding points of the notes to the annual accounts, the Parc Cientific de Barcelona has received various repayable advances from the Ministry of the Economy and Competition, for which the following guarantees have been set up:

Guarantee item	Grantor	Amount
Repayable advance (MECO) 2000	Catalunya Banc	21,589.13
Repayable advance (MECO) 2001	Catalunya Banc	1,352.27
Repayable advance (MECO) 2002	Catalunya Banc	2,289.11
Repayable advance (MECO) 2007-1	Banc Santander Central Hispano	7,374.78
Repayable advance (MECO) 2007-2	Caixa Banc	1,210.01
Repayable advance (MECO) 2008	Caixa Banc	4,268.86
TOTAL		**38,084.16**

The syndicated loan of Euros 60,000 thousand is secured by the University of Barcelona.

On 1 April 2011 notification was received that FCC Construcción, S.A. had filed an arbitrary claim with the Arbitration Court of Barcelona relating to a disagreement regarding completion of the Phase II construction work. The amount claimed was Euros 2,552,248.87 in addition to the total price of the construction work. This amount was rejected by the Project Management and consequently, by the Foundation, as it was considered that it did not reflect the construction work effectively carried out.

On 30 May 2012 a ruling was issued whereby the Foundation was obliged to pay a sum of Euros 720,268.19, plus accrued interest of Euros 50,822.90. The PCB plans to pay the total amount as soon as it receives the FEDER grant (see note 12).

b. Audit fees

Fees received by the auditors for audit services rendered in 2012 and 2011 total Euros 10.74 thousand and Euros 10.74 thousand, respectively.

c. Environmental issues

No environmental contingencies, indemnities or other risks are foreseen, which could affect the Foundation and for which provision should be made. In this regard, the future risks that could arise are adequately covered by public liability insurance policies entered into by the Foundation.

d. Code of conduct for investments

The Foundation's Board of Trustees is aware of the Code of Conduct for non-profit making entities when making investments, agreed on 20 November 2003 by the Board of the National Securities Market Commission (CNMV). It therefore undertakes to follow the specific rules governing investments on the basis of the aforementioned regulations.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

When following this Code of Conduct, the Foundation has taken into consideration the following:

1.- Investments in securities and financial instruments must be made in securities included within the supervision framework of the CNMV.

2.- For the purposes of this Code, securities and financial instruments are considered those stipulated in article 2 of the Securities Market Law, as well as investments in collective investment undertakings.

Selection of investments:

The Foundation shall assess and oversee that the necessary balance between the security, liquidity and returns offered by different investment positions is obtained, in accordance with market conditions at the contract date.

On the other hand, investment risks are diversified. In addition, for the purpose of preserving the liquidity of investments. The Foundation makes its investments in securities or financial instruments traded on official secondary markets

the Foundation has not made any speculative investments (short selling, futures and options, except for those for hedging purposes, or any other similar investment).

24. Segment reporting

Segment reporting by activity (in thousands of Euros) is as follows:

Item	2012	2011
Income on leases/general services	7,466.45	6,683.95
Income on scientific services	6,732.73	6,090.91
Income on own managed services	3,472.13	2,892.48
Income on fitting out of spaces	474.66	431.07
Other operating grants /research projects	3,955.57	5,773.06
Total revenues	**22,101.54**	**21,871.47**

All income has been generated in Spain.

(Free translation from the original in Catalan. In the event of discrepancy, the Catalan-version prevails)

The distribution of ordinary expenses, in thousands of Euros, is as follows:

Expense item	**2012**	**2011**
Supplies	337.27	317.37
Personnel expenses	7,374.89	8,697.53
Rentals and royalties	346.56	137.51
Repairs and maintenance	1,845.76	1,875.96
Independent professional services	817.47	840.26
Transport	25.95	35.00
Insurance premiums	118.68	108.25
Banking services	32.86	17.67
Advertising and publicity	125.63	153.22
Utilities	2,979.30	2,703.00
Laboratory material	3,079.74	2,750.30
Cleaning	1,025.10	1,036.89
Security	495.73	593.78
Other services	740.89	839.83
Other taxes	19.93	36.15
Positive adjustments to indirect taxation	0.00	-21.04
Total expense	**19,365.76**	**20,121.68**

Barcelona, 21 June 2013

Mr. Dídac Ramírez
President (signed)

Ms. Isabel Miralles
Secretary (signed)

2012 Management Report

SUMMARY

Introduction

The Barcelona Science Park (PCB) was created in 1997 as a foundation, as a result of a project led by the University of Barcelona (UB), to create and manage facilities provided by the UB to generate an environment conducive to research, innovation and the transfer of knowledge between the university and business worlds.

From its inception to today, PCB has created and managed a complex of buildings, provided by means of a government concession to the UB, in the Diagonal University Campus (UB-UPC), and provides technical support services for research.

In addition to managing facilities provided by the UB as well as its own technology services PCB is temporarily responsible for managing the National Centre for Genomic Analysis (CNAG), a project sponsored by the governments of Catalonia and Spain launched under the aegis of the agreement of 18 January 2010. CNAG does not yet have its own legal personality. In accordance with the aforementioned agreement, PCB will manage CNAG activities until it is granted its own legal identity or is integrated into another entity.

1 Basic information

The changes in the main indicators of PCB's activities in 2012 are broadly summarised under the following headings: facilities managed, population and entities which use PCB facilities, and turnover of personnel.

Facilities managed by PCB:

The facilities managed by PCB are on two parcels of the Diagonal Campus (Les Corts District) in Barcelona, and have a total surface area of 25,410 m². The total floor area is 86,638 m² (102,026 m² of which is covered space and courtyards), and the operational surface area is 59,260 m² as of 31-12-2012.

The annual change in the different areas of operations grouped by use is shown in Table 1. Almost half of the working surface area is allocated to occupancy by clients (29,996 m²), and the remainder is divided between areas occupied by PCB services (8,228 m²) and technical services and meeting spaces, as well as concession activities (restaurant-cafeteria and parking) which together occupy 21,036 m².

Of the areas assigned to clients, two-thirds (20,385 m²) are rented and the remainder is reserved (4,581 m²) primarily for the University of Barcelona for Science and Technology Centres (CCiTUB) and other research units and groups, or is available to be leased to clients (5,030 m²). Before reserved and available spaces can be occupied, they must first be fitted out with the necessary laboratory equipment. However, in PCB's current financial situation this cannot be done at present.

Table 1. Changes in working areas managed by PCB (m²)

WORKING AREAS	31/12/2011	31/12/2012	Variation
Rented spaces	18,551	20,385	9.9%
Reserved spaces	1,942	4,581	135.9%
Available spaces	8,484	5,030	- 40.7%
Subtotal of client spaces	**28,977**	**29,996**	**3.5%**
PCB laboratory spaces	7,492	7,099	- 5.2%
PCB office and other spaces	7,515	6,889	- 8.3%
Subtotal PCB spaces	**15,007**	**13,988**	**- 6.8%**
Spaces conceded in use	14,417	15,276	6.0%
Subtotal other spaces conceded in use	**14,417**	**15,276**	**6.0%**
Total m2 working areas	**58,401**	**59,260**	**1.5%**

Note: areas occupied by CNAG – including those which CNAG provides to PCB – are not classified by PCB services; these are classified as space (offices) rented to clients, since PCB charges CNAG the corresponding amount of rent.

User entities and population:

The total number of users in PCB on 31/12/2012 was 101. This includes both business and other institutional users with separate legal identity (80) in PCB as well as the various UB units and groups (10) and the different PCB services (11). Of this group of 101 users, 91 are in PCB, and 10 are partners.

Table 2. PCB users by type (number)

TYPE	31/12/2011	31/12/2012	Variation
Businesses	47	54	14.9%
Foundations (*)	10	11	10.0%
Consortia	2	2	0.0%
Public bodies (*)	1	1	0.0%
Other NPOs	3	3	0.0%
UB units	8	9	12.5%
PCB services	12	11	- 8.3%
Subtotal clients/services	**83**	**91**	**9.6%**
Businesses	7	8	14.3%
Foundations	0	1	--
Consortia	0	0	--
Public bodies	0	0	--
Other NPOs	0	0	--
UB units	2	1	-50.0%
Subtotal client / associated services	**9**	**10**	**11.1%**
TOTAL USERS	**92**	**101**	**9.8%**

(*) Barcelona University and Barcelona Science Park are not included in the Public bodies or Foundations sections, as users located at PCB are listed in the sections UB Units and PCB Services.

Table 3. PCB users by sector of activity (number)

SECTOR	31/12/2011	31/12/2012	Variation
Agrofood	4	7	75.0%
Medical biotechnology	32	34	6.3%
Cosmetics	1	1	0.0%
Medical equipment	2	2	0.0%
Pharmaceutical	18	22	22.2%
Environmental (energy, water treatment, etc.)	5	6	20.0%
Nanotechnology	2	2	0.0%
Chemistry	7	8	14.3%
ICT	5	5	0.0%
Other	16	14	-12.5%
TOTAL USERS	**92**	**101**	**9.8%**

Table 4. PCB users by type of ownership (public or private) and by type of relationship (number)

TYPE OF OWNERSHIP/RELATIONSHIP	31/12/2011	31/12/2012	Variation
Public	32	31	-3.1%
Private	60	70	16.7%
Subtotal user - type of ownership	**92**	**101**	**9.8%**
Ordinary clients	63	71	12.7%
UB units	10	9	-10.0%
PCB services	12	11	-8.3%
Associated	7	10	42.9%
Subtotal user relationship	**92**	**101**	**9.8%**

Table 5. PCB users by location in the different buildings (number)

BUILDING	31/12/2011	31/12/2012	Variation
PCB clients			
CLUSTER I	12	13	8.3%
CLUSTER II	0	2	--
HÈLIX	22	24	9.1%
CLUSTER OFFICES	10	11	10.0%
TOWER D	9	10	11.1%
TOWER R	11	14	27.3%
TOWER I	24	27	12.5%
In more than one building	-15	-21	40%
Subtotal clients at PCB	**73**	**80**	**9.6%**
PCB services			
CLUSTER I	12	11	-8.3%
CLUSTER II	0	2	--
HÈLIX	4	4	0.0%
CLUSTER OFFICES	2	2	0.0%
TOWER D	1	1	0.0%
TOWER R	1	1	0.0%
TOWER I	0	0	--
In more than one building	-8	-10	25.0%
Subtotal PCB services	**12**	**11**	**-8.3%**
Subtotal associated clients	**7**	**10**	**42.9%**
TOTAL CLIENTS AT PCB / PCB SERVICE/ASSOCIATED	**92**	**101**	**9.8%**

Note: Please bear in mind that a single user may be located in more than one building.

These entities represent a total user population of around 2,200 individuals who work daily on the PCB premises.

Table 6. PCB user population

USER POPULATION	31/12/2012
Users related to PCB spaces [1]	
Entities*	981
PCB external services**	42
PCB personnel	86
CNAG personnel	22
Users not linked to PCB spaces[2]	
UB	21
Remaining entities	32
PCB contractors	0
SUBTOTAL WOMEN	**1,184**
Users linked to PCB spaces[1]	
Entities*	905
PCB external services**	52
PCB personnel	49
CNAG personnel	25
Users not linked to PCB spaces[2]	
UB	18
Remaining entities	24
PCB contractors	11
SUBTOTAL MEN	**1,084**
Users linked to PCB spaces[1]	
Entities*	1.886
PCB external services**	94
PCB personnel	135
CNAG personnel	47
Users not linked to PCB spaces[2]	
UB	39
Other bodies	56
PCB contractors	11
TOTAL USER POPULATION	**2,268**

* Individuals who are active in entities located at PCB.
** Cleaning , maintenance and security (cleaning: short work days)
1 Users of entities in PCB spaces, PCB and CNAG staff, and outsourced services personnel who work daily in PCB (cafeteria service, maintenance, security and cleaning).
2 Users of entities associated with PCB, UB personnel (governing bodies, etc.) and contracted personnel with permission to enter PCB facilities.

Personnel:

The PCB's workforce on 31/12/2012 consisted of 182 staff, representing a 3% increase over the previous year. However, this increase is completely attributable to an increase from 34 to 47 in CNAG personnel, while the PCB workforce was reduced from 145 to 135.

Table 7. PCB workforce

CHANGES IN WORKFORCE *positions (*)*	**31/12/2011**	**31/12/2012**	**Variation**
Full-time employees	115	115	0.0%
Project personnel	30	20	-33.3%
PCB subtotal	**145**	**135**	**-6.9%**
CNAG subtotal	**34**	**47**	**38.2%**
TOTAL PCB + CNAG PERSONNEL	**179**	**182**	**1.7%**

(*) Does not include six substitutions on 31/12/1, and 2 substitutions on 31/21/12.

Structure, organisation and activities of the institution

2.a Organisational chart

The PCB organisational chart (up to technical management level) for 2012 is as follows:

General Director:
Fernando Albericio Palomera (until 19/03/2012)
Salvador Maluquer Amorós (since 20/03/2012)

Manager:
Maria Terrades Palomar

Director of operations:
Mercè Colom Colom

Technical Director of Maintenance and Services:
Tomàs Company Parra

Technical Director of Quality, Security and Environment:
Glòria Pladellorens Camps

Scientific Director:
Jesús Purroy Vázquez

Technical Director of Business Development:
Jordi Quintana Ruiz

Technical director of dissemination of Science:
Rosina Malagrida Escalas

Director of Economy and Finances:
Moisès Tarté Sabariego

Director of Operations:
Mercè Gómez Rodríguez

CNAG Director:
Ivo Gut

General Manager:
David Badia Prat

Programme Manager:
Mònica Bayès Colomer

Head of Biorepository:
Lídia Àgueda Calpena

Head of Sequencing:
Marta Gut

Bioinformatic Analysis Group Leader:
Sergi Beltran Agulló (since 16/01/2012)

Bioinformatics Analysis Group Leader:
Simon Charles Heath

Genome Biology Group Leader:
Marc Antoni Martí Renom (since 03/01/2012)

2.b Human resources

On 31/12/2012 the Barcelona Science Park Foundation workforce consisted of 182 staff, classified as follows:

a) PCB Full-time employees. This includes personnel who work for the following:
- General Services
- Scientific and Technical Services
- Other services

b) Project personnel. This includes personnel assigned to specific projects carried out for PCB General Services, Scientific and Technical Services, and other services.

c) Personnel assigned to CNAG (the National Centre for Genome Analysis), located in the Barcelona Science Park.

Full-time employees:

PCB General Services includes personnel in the following management areas:

- Leadership and Management. This includes General Management, Management, the Secretariat and Legal Affairs.
- Scientific Management. This includes personnel involved in the technical management of both Business Development and Science Dissemination.
- Director of Communications:
- Financial Management. This includes personnel in Economy and Finance, Central Purchasing, and Provision of Services, Personnel Management and the Project Management Unit.
- Operational Management. This includes personnel involved in the Operations area, Reception, Maintenance technical management, Works, IT Services and Security technical management, and Quality and Environment.

PCB Scientific and Technical Services includes personnel in the following services and facilities:

- Common Scientific Services
- Combinatorial Chemistry Platform
- Drug Discovery Platform
- Proteomics Platform
- Crystallography Platform
- Nanotechnology Platform
- Laboratory Animal Applied Research Platform (LAARP)
- Toxicology Unit
- Radioactive Facility
- Special Reaction Service

"Other services" includes personnel who provide services as follows:
- Contracted in agreements or arrangements not included in the previous sections.

Comparative data for 2011-2012 staff

The following table indicates the number of personnel in the different services in 2011 and 2012.

Table 8 PCB (without CNAG) full-time employees

Full-time employees	31/12/2011	31/12/2012	Variation
Subtotal General Services	**56**	**56**	**0.0%**
Common Scientific Services	7	7	0.0%
Combinatorial Chemistry Platform	7	7	0.0%
Drug Discovery Platform	1	1	0.0%
Proteomics Platform	4	3	-25.0%
Transcriptomics Platform	1	0	-100.0%
Crystallography Platform	2	1	-50.0%
Nanotechnology Platform	6	6	0.0%
LAARP	21	23	9.5%
Toxicology Unit	6	6	0.0%
Radioactive Facility	2	2	0.0%
Special Reaction Service	1	1	0.0%
Subtotal Scientific and Technical Services	**58**	**57**	**-1.7%**
Subtotal other services	**1**	**2**	**100.0%**
TOTAL FULL-TIME EMPLOYEES	**115**	**115**	**0.0%**

Table 9. PCB (without CNAG) project personnel

PERSONAL PROJECTS	31/12/2011	31/12/2012	Variation
Subtotal general services	**2**	**0**	**-100.0%**
Combinatorial Chemistry Platform	13	7	-46.2%
Drug Discovery Platform	1	1	0.0%
Nanotechnology Platform	3	3	0.0%
LAARP	1	1	0.0%
Toxicology Unit	1	2	100.0%
Subtotal Scientific and Technical Services	**19**	**14**	**-26.3%**
Subtotal other services	**9**	**6**	**-22.2%**
TOTAL PROJECT PERSONNEL	**30**	**20**	**-30.0%**

Table 10. CNAG personnel

CNAG personnel	31/12/2011	31/12/2012	Variation
TOTAL	**34**	**47**	**38.2%**

Training and educational activities

In 2012, based on an analysis of needs by the Personnel Management Department at the beginning of the year, a training plan was implemented which included classroom activities, distance learning courses, training workshops, conference participation and other activities in different areas, including the following:

- English language courses
- Skills development courses: skills and conflict situations, teamwork
- Computer courses: Excel, Exchange 2010, Dynamics
- Social network content creation courses and other courses in the area of communications
- Seminars on different financial and labour issues: new developments in tax law, preparation of annual financial statements, 2012 balance sheet, financial management, and the Labour Reform of 2012
- Attendance at conferences, workshops and courses in different scientific and technical fields
- Other training activities in the area of law: practical aspects of government contracting, workshop on Law 7/2012

The total number of hours devoted to training the entire workforce in 2012 was 2,286.75, representing 0.86% of the total working hours of the entire workforce.

As a result of this training, PCB obtained an allowance of € 18,000 which was deducted from its Social Security payment.

2.b.3 Collective bargaining

In 2012 a total of 10 meetings were held between PCB management, the Personnel Management Department and the Works Council with the main purpose of continuing negotiation on agreements relating to PCB's business operations and to reach other agreements not related to collective bargaining.

On 18/4/2012 PCB management proposed a temporary suspension of negotiations with the Works Council until the completion of the PCB Feasibility Plan. An agreement was reached through the Labour Court of Catalonia on May 1, 2012, establishing issues subject to definitive agreement and therefore not subject to subsequent modifications within the scope of the PCB collective agreement. Also, an agreement was reached to resume negotiations within a period of 15 days from the approval of the PCB Feasibility Plan, and, in any case, before the date of March 31, 2013.

On October 4, 2012 new elections for the Works Council were held.

In 2012, the Works Council provided support for two general strikes on 29 March and 14 November 2012, which were supported by 74 and 54 individuals, respectively, representing 39.10 % and 29.20 % of the total workforce.

2.b.4 Application of measures aimed at ensuring budgetary stability

In 2012, the Barcelona Science Park was affected by the following regulatory provisions:

- **Royal Decree 20/2012 of July 13** on measures to ensure budgetary stability and promote competitiveness. This provision applied to PCB and led to the suspension of the December bonus for all PCB personnel. The measure was implemented from September 2012 for those earning an annual salary paid in twelve instalments, and in December for those paid in 14 instalments. In order to mitigate the effects of this measure, personnel were offered the opportunity to receive advances of up to 80 % of the net amount lost due to the suspension of the December bonus, to be repaid in eight equal instalments between January and August 2013

- **Decree 2/2012 of September** on improvements to temporary disability. This decree led to the application of restrictions on salary supplements for temporary disability due to illness, occupational disease, and occupational and non-occupational accidents. The measure was implemented with effect from October 15, 2012, with the exceptions stipulated in the decree.

2.c 2012 budget and budget execution

Table 1 shows information about the 2012 budget, differentiating between the initial budget, the budget amendment approved by the Board at the meeting of October 10 2012, the resulting final budget, the actual outcome as of 31/12/2012, and the difference between the actual implementation and the final budget. To facilitate the analysis, the Barcelona Science Park's restricted budget and the CNAG budget are shown separately:

Table 11. 2012 budget and budgetary outcome (in thousands of euros)

	Initial budget	Amended budget	Definitive budget	Actual execution 31/12/12	Deviation from definitive budget	
					Amount	%
TOTAL PCB WITHOUT CNAG						
Rental income	7,250	0	7,250	7,863	613	8.5%
Provision of services	8,739	- 341	8,398	7,449	- 949	-11.3 %
Grants/donations	3,252	- 875	2,377	1,805	- 572	-24.1 %
Ordinary income	**19,241**	**- 1,216**	**18,025**	**17,117**	**- 908**	**-5.0%**
Personnel	5,608	- 45	5,563	5,258	- 305	- 5.5%
Maintenance and services	10,831	- 794	10,037	9,288	- 749	- 7.5 %
Ordinary expenses (-)	**16,439**	**- 839**	**15,600**	**14,546**	**- 1,054**	**- 6.8 %**
EBITDA	**2,802**	**- 377**	**2,425**	**2,571**	**146**	**6.0 %**
Financial oper. balance (-)	**- 3,321**	**0**	**- 3,321**	**-2,377**	**944**	**- 28.4 %**
CASH FLOW	**- 519**	**- 377**	**- 896**	**194**	**1,090**	**- 121.7 %**
Depreciation	**- 5,510**	**0**	**-5,510**	**1,657**	**3,853**	**- 69.9 %**
Capital subventions applied	**2,096**	**0**	**2,096**	**2,096**	**0**	**0.0 %**
RESULT	**- 3,933**	**- 377**	**-4,310**	**633**	**4,943**	**- 114.7 %**
CNAG						
Rental income	0	0	0	81	81	--
Provision of services	0	0	0	2,754	2,754	--
Grants/donations	3,614	0	3,614	2,153	- 1,461	- 40.4 %
Ordinary income	**3,614**	**0**	**3,614**	**4,988**	**1,374**	**38.0 %**
Personnel	1,933	0	1,933	1,914	- 79	- 4.0 %
Maintenance and services	1,612	0	1,612	3,074	1,453	89.6 %
Ordinary expenses (-)	**3,614**	**0**	**3,614**	**3,614**	**1,374**	**38.0 %**
EBITDA	**2,802**	**0**	**0**	**0**	**0**	**--**
Financial oper. balance (-)	**- 3,321**	**0**	**0**	**0**	**0**	**--**
CASH FLOW	**- 519**	**0**	**0**	**0**	**0**	**--**
Depreciation	**- 5,510**	**0**	**- 1,778**	**- 2,823**	**- 1,045**	**58.8 %**
Capital subsidies applied	**2,096**	**0**	**1,778**	**2,823**	**1,045**	**58.8 %**
RESULT	**- 3,933**	**0**				**--**
TOTAL PCB						
Rental income	7,250	0	7,250			
Provision of services	8,739	- 341	8,398			
Grants/donations	6,866	- 875	5,991			
Ordinary income	**22,855**	**- 1,216**	**21,639**			
Personnel	7,601	- 45	7,556			
Maintenance and services	12,452	- 794	11,658			
Ordinary expenses (-)	**20,053**	**- 839**	**19,214**			
EBITDA	**2,802**	**- 377**	**2,425**	**2,571**	**146**	**6.0 %**
Financial oper. balance (-)	**- 3,321**	**0**	**- 3,321**	**- 2,377**	**944**	**- 28.4 %**
CASH FLOW	**- 519**	**- 377**	**194**	**194**	**1,090**	**- 121.7 %**
Depreciation	**- 7,288**	**0**	**- 7,288**	**- 4,480**	**2,808**	**38.5 %**
Capital subsidies applied	**3,874**	**0**	**3,874**	**4,480**	**1,045**	**27.0 %**
RESULT	**- 3,933**	**- 377**	**- 3,933**	**633**	**4,943**	**- 114.7 %**

For greater detail on the analysis of budget outcome, please refer to the relevant sections of the Financial Report.

2.d Development of the institution

2.d.1 Trustees

The list of trustees for 2012, indicating any changes which have taken place, is as follows:

PRESIDENT:

- Mr. Dídac Ramírez i Sarrió, Rector of the University of Barcelona (UB)

SECRETARY:

- Ms. Carme Verdaguer i Montanyà (until 9 October 2012)
- Mr. Jordi Garcia Viña (from 10 October 2012 to 13 December 2012)
- Ms. Isabel Miralles González, General Secretary of the UB (since 14 December 2012)

BOARD MEMBERS

Designated by the Governing Board of the UB (4):
- Mr. Víctor Gómez Gómez, Managing Director of the UB
- Mr. Jordi Alberch Vie, Vice-Rector of Research of the UB
- Mr. Josep Samitier i Martí, UB professor
- Ms. Silvia Atrián Ventura, UB prof

Designated by the Social Council of the UB (4):
- Mr. Joaquim Coello Brufau (until 2 April 2012)
- Mr. Salvador Alemany Mas, President of the UB Social Council and Vice-President of the Board of Trustees (since 3 April 2012; Mr. Mas accepted the position on the board on 26 June 2012)
- Mr. Joan Corominas Guerin, Vice-President of the UB Social Board
- Mr. Josep Maria Loza Xuriach (until 27 February 2012, not substituted as of 31-12-2012)
- Ms. Ana Birulés Bertran (until 30 June 2012, not substituted as of 31-12-2012)

Designated by the Bosch i Gimpera Foundation (4):
- Mr. Josep A. Plana Castellví, Vice-Rector of the UB group, CIT and Common Services
- Ms. Carme Verdaguer i Montanyà, Director of the Bosch i Gimpera Foundation
- 2 empty board seats

Designated by Catalunya Banc (4):
- 4 empty board seats

Designated by the Ministry of Economy and Competiveness (1):
- 1 empty seat (since 19 March, the ministry declined designating a spokesperson)

Designated by the Spanish National Research Council (CSIC)(1):
- Mr. Emilio Lora-Tamayo d'Ocon, President of the CSIC

Designated by the Government of Catalonia (2):
- Mr. Antoni Castellà i Clavé, Secretary of Universities and Research
- Mr. Josep Maria Martorell Rodon, General Director of Research

Trustees designated by remaining trustees (maximum 4):
- Caixa d'Estalvis i Pensions de Barcelona-La Caixa (Mr. Antoni Massanell until 23 November 2012, the date on which la Caixa renounced its position on the Board of Trustees)
- Mr. Pablo Cigüela Ibáñez, trustee designated by Banco Santander
- Barcelona city council, representative: Mr. Gerard Ardanuy

In 2012 a total of 4 meetings were held by the Board of Trustees, on 19 March, 26 June, 10 October and 20 December.

2.d.2 Strategic Pan

In the second quarter of the year, as the feasibility plan described in the next section was being drafted, the 2013-2017 Strategic Plan was also being created. This plan is intended to replace the previous 2008-2012 Strategic Plan which was still in operation at the time.

Work began on 23 May 2012 with a meeting of all PCB personnel to start the internal, very participatory process to draft the 2013-2017 Strategic Plan.

This process lasted nearly seven months, during which the different task groups formed for this analysed the situation, worked on strategies and perspectives for PCB, and examined the direction the project should take in the context of the current socio-economic situation and the status of R&D, technology, and innovation development in Catalonia.

In order to develop the strategic plan, between May and December 2012, a total of 21 meetings were held in which over 110 people participated. Specifically, the following meetings were held: three general meetings of all PCB staff, four meetings of the four general focus groups (involving personnel from different departments), five meetings of the five departmental task groups, five coordination meetings, and four meetings of the steering committee specifically dedicated to the development of the strategic plan.

The internal process concluded in November and a proposed strategic plan was approved by the Barcelona Science Park Steering Committee, which was submitted to the UB Rector, the Social Council and the GD of Research of the Government of Catalonia. The UB and the GD of Research proposed various amendments which were incorporated into the final version of the document submitted to, and approved by, Barcelona Science Park's board of trustees at the meeting of December 20, 2012.

The strategic plan was based on SWOT analysis (strengths, weaknesses, opportunities and threats), and defines PCB's mission, its four strategic objectives (related to its

business model, knowledge transfer, its economic and financial viability, and improvements to the management model). It is divided into 23 operational objectives, which in turn are split into 54 scheduled actions, indicating the managers for each action and tracking indicators.

The mission of the Barcelona Science Park is defined in the 2013-2017 Strategic Plan as follows:

> *"To effectively and efficiently manage facilities which the University of Barcelona has allocated for the development of the science park, and to offer quality services to its clients and users in order to facilitate the transfer of knowledge between the university and research environment and the business world."*

The four strategic objectives stipulated in the strategic plan are as follows:

> *1 To develop a business model based on providing high value-added services*
> *2 To consolidate PCB as a leader in knowledge transfer between research and business, especially in the biotechnology sector, creating tangible and intangible benefits for the UB*
> *3 To guarantee the medium- and long-term financial viability of PCB*
> *4 To develop effective, efficient and innovative operational management models*

In short, the PCB 2013-2017 Strategic Plan represents a true paradigm shift, placing greater emphasis on the management of facilities and providing general and scientific services, while limiting PCB's own research activities, – which, as a service organisation, are not part of its core mission – in order to prioritise support activities for clients and users, which include, in addition to the UB itself, some of the most important R&D centres in Catalonia.

The complete version of the strategic plan can be found on the PCB website by following this link: http://www.pcb.ub.edu/

2.d.3 Feasibility plan

The significant amount of debt accumulated by PCB at the end of 2011, amounting to €110.8 M, relates to the financing of construction and equipment, which was mainly financed with loans from the Ministry of Economy and Competitiveness (MECO) amounting to € 50.8 M and a syndicated loan from different banks (Catalunya Banc, ICF and ICO) amounting to € 60 M. The fact that PCB's obligation to repay these loans began in 2011 (MECO) and 2012 (syndicated loans) has led to a financial situation that is not sustainable in the medium term. Even though PCB has ordinary operating income (2012 EBITDA was € 2.6 M), this is insufficient to cover the financial costs necessary to operate the new Cluster II building investments and repay the debt.

For this reason, and in accordance with the mandate of the Board of Trustees, a feasibility plan is being drafted which would ensure financial sustainability in the medium and long term.

On October 25, 2012, with the authorisation of the Rector and the President of the Social Council, and the GD of Research, a proposed feasibility plan was sent to the bank holding the syndicated loan and to MECO with the following criteria:

- Temporary extension and levelling of finance debt (syndicated credit and soft loans from MECO) until 2042
- Additional effort by UB to secure an ERDF grant of € 10.2 M and a commitment to occupy – paying a price that would cover the costs – the 2nd and 3rd floors in Cluster II as space for the CPD. It should be mentioned that the UB has already made considerable efforts in 2011, providing a cash advance to PCB amounting to € 5.5 M
- Efforts to downsize PCB and increase efficiency in the form of a reduction in projected cost of approximately € 0.07 M between 2012 and 2013, in addition to the effect of freezing salaries in 2013 (€ 0.2 M). This additional effort will be consolidated in the following years
- Subsidies from governmental bodies and non-UB trustees until the budget is balanced

At the end of financial year 2012 no agreement had been reached with the banks or the MECO concerning the feasibility plan. Negotiations to reach an agreement in 2013 that would ensure the long-term viability of PCB.

3 Activities carried out in 2012: PCB (without CNAG)

3.a Rental of premises

The PCB has 86,638 m² of buildings (102,026 m² of which is covered areas and courtyards) which corresponds to an operational area of 59,260 m². Of this space, 13,988 m² are used by PCB itself, 15,276 m² are under concession and 29,996 m² are allocated for client activities. Of this, 20,385 m² is occupied, 4,581 m² is reserved by the UB, and 5,030 m² is available.
Buildings associated with the provision of services mentioned above and other general services are listed in Table 12.

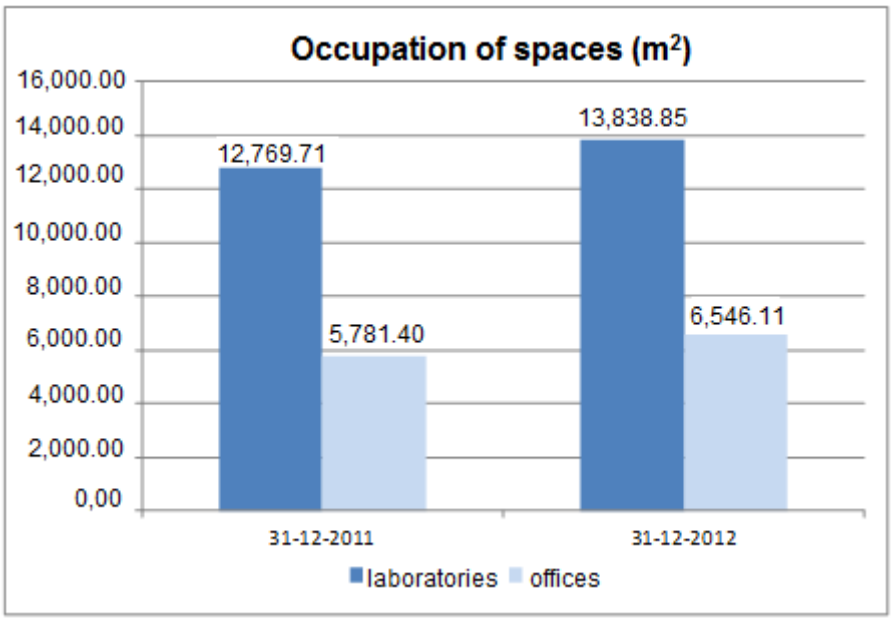
Table 12. PCB space classified by building (m²)

Building	Type	Constructed surface area	Operational surface area
Cluster I	Laboratory	17,568	12,194
Hèlix	Laboratory	6,534	4,047
Cluster II	Laboratory	22,782	14,932
Torre D	Offices	3,366	1,803
Torre R	Offices	3,442	2,018
Torre I	Offices	6,353	4,027
Cluster Offices	Offices	4,200	2,394
Energy	Technical areas	575	31
Services	Services	6,681	3,230
Parking areas	Services	15,137	14,206
Covered area and courtyards		15,388	378
TOTAL		**102,026**	**59,260**

Throughout 2012 PCB continued the activities of renting space and providing comprehensive and scientific services.

In 2012 the Cluster II building was commissioned and laboratories for Kymos and Dr. Esteve Laboratories were added. The latter has located its entire R&D in PCB, and also moved the two laboratories that it already had in the Cluster I building.

The changes in occupancy of client areas in PCB facilities in 2012 were as follows:



User organisations which rented spaces in PCB in 2012 are as follows:

- Ferrer Internacional
- Fralexa Bioresearch
- Vall d'Hebron University Hospital - Research Institute Foundation
- Foundation for Energy and Environmental Sustainability (FUNSEAM)
- Inbiomotion
- Iproteos
- Mind the Byte
- Research Clinic
- Semillas Fitó
- Transbiomed
- UB - Quantum Simulation of Biological Process

The following organisations have made modifications to premises or transfers:

- Alucha
- Argon Pharma
- Catalan Association of Biotechnology Companies
- BioGlane
- Bioingenium
- Enantia
- Eurofins Biolab
- Bosch i Gimpera Foundation
- CIES Foundation
- Immunnovative Developments
- Institute for Bioengineering of Catalonia (IBEC)
- Molecular Biology Institute of Barcelona (IBMB-CSIC)
- Institute of Biomedical Research of Barcelona (IRB)
- Kymos Pharma Services
- Dr. Esteve Laboratories
- Microart
- Neuroscience Technologies
- Ninsar Agrosciences
- Sabirmedical
- STAT Diagnostics

These changes have required refurbishment of the premises in order to adapt them to the needs of users, especially in the case of new laboratories and the addition of new clients. The total area of premises refurbished, not including the preparation of new spaces, was 600 m².

The following entities have relinquished the spaces they occupied at PCB:

- Advancell Advanced in Vitro Cell Technologies, SA
- Aquamedia Advertising
- Bionure Pharma
- Closter Research
- Crio Cord
- Nutritional Research Foundation
- Immunovative Developments
- Institute for Research on Applied Regional and Public Economics (IREA)
- Informatics Research Institute (IRI)
- Microart
- Sabirmedical
- SimoG

- Tensum Ibérica
- Transmural Biotech
- UB - Management Unit
- UB - Agency for Policy and Quality
- UB - Rector's Management Unit

3.b Infrastructure and construction

Significant construction and renovation projects carried out in 2012 are as follows:

Completion of fitting-out of the fourth floor of Cluster Building II

Throughout 2012 areas were reconditioned to prepare for the arrival of new organisations in Cluster Building II. In July 2012 the reconditioning of laboratories on the fourth floor of Cluster Building for Esteve Laboratories was completed. The total surface area of these laboratories is 1,877.04 m². The infrastructure of these laboratories is in excellent condition and features cutting-edge technology.

New reception in Cluster II and new access to Cluster Building

While the fourth floor of the Cluster Building was being fitted out, on July 2, 2012 the new reception area of this building was put into operation. At the same time, the new access from Av. Dr. Marañon was opened. This project permanently connected this laboratory building with PCB's parking area and connected the laboratories of Cluster Phase I to Phase II laboratories and the other buildings, Cluster Management, the towers and the Services Building.
This new access gives coherence to the whole area since the central ramps connect the different buildings, Cluster Building and offices, the R&D an innovation towers, Services Building (which houses the restaurant), and lastly, the parking area. The only area which is still not connected is the Hèlix building, which, due to its location outside the PCB plot, is reached by crossing the street.

Completion of the PCB new restaurant-cafeteria

On 2 July the new PCB restaurant-cafeteria located in the Service Building was opened. The improvement work in this area was undertaken by the concession holder, Universitas, who also renovated the existing cafeteria facilities on the terrace of the Phase I Cluster Building.

The new restaurant seats 240 inside and 132 on the outdoor terrace.

The cafeteria in the Cluster Building on the terrace of Phase I Cluster Building, which is also managed by Universitas.will continue to operate.

Completion of the first stage of the new LAARP areas in Cluster II

In July 2012 work was completed on the preparation of new facilities for the Laboratory Animal Applied Research Platform (LAARP) in Cluster II.

The total area of this facility is 1950.03 m², of which 503.59 m² correspond to Esteve Laboratories. The remaining areas include PCB services, locker rooms, storage, laundry area, and specific LAARP facilities. The new laboratory spaces in the facility are all in the SPF (Specific Pathogen Free) barrier zone and are fitted with high-quality leak-proof equipment and seals.

New PCB control centre

In July 2012 all security was transferred to the new centre located on the ground floor of Cluster II. This centre houses the complete control system for all PCB buildings.

Connection of Cluster I electrical system to the new Cluster II facilities

In December 2012 Barcelona Science Park (PCB) invested in the connection of the Cluster I electrical system to the new power line in the Cluster building II. A second power line was also contracted for possible emergency situations, such as power outages in the primary power line.

These modifications have made a significant improvement in the quality and security of the power supply to the laboratories in Cluster building I, reducing the negative impact a drop in voltage could have on the operation of certain laboratory equipment. At the same time, this should also address expected increases in the near future in consumption that will occur as laboratories in new Cluster Building II are occupied and put into service.

New PCB waste storage area

In December 2012 a new waste storage facility was opened in the basement of the logistics area building located on the vehicle access ramp from Av. Dr. Marañon.

The 37.65 m² storage area is designated for chemical waste and the 27.20 m² area is designated for flammable waste. Both areas are equipped in accordance with the specific requirements for each type of premises.

3.c Provision of general services

Reception

The reception service for the different PCB buildings provides an information and service point for users and visitors.

The reception provides personal and telephone assistance to users; manages mail and courier services; manages meeting areas; deals with requests, problems and suggestions; and manages general office services (photocopying, exhibitions and information panels, etc.).

Maintenance of facilities and civil works

The maintenance service is the technical department responsible for maintenance plans, general maintenance, and the optimisation and operation of PCB facilities and equipment.

The PCB maintenance service carries out preventative maintenance on PCB systems and facilities, as well as their component parts, to ensure that they function correctly and reliably and to keep them in the best possible operational condition. This also includes corrective actions when deemed necessary.
The maintenance service also carries out predictive maintenance in order to facilitate the early detection of anomalous behaviour in equipment and facilities, and to improve the availability of information through thermography, electricity consumption records, etc.
It is responsible for the day-to-day operation of all control operations, testing, checking and adjustment of equipment and facilities.

It also maintains the facilities, manages technical gas logistics, and provides technical and general maintenance consulting services.

In 2012 maintenance handled 958 preventative work orders per month, a total of 1,430.50 hours of work, and handles an average of 448 (305 general actions and 143 specific user requests) corrective actions per month.

The service also performed required corrective actions for civil works throughout the year.

Maintenance of general communications facilities

The PCB Information Technology and Communications Service (SIC-PCB) is responsible for the organisation, distribution and control of PCB telephone and computer systems.

As in the case of general systems, the SIC coordinates preventative and corrective maintenance of equipment and facilities related to communications.

24-hour security

PCB's alarm and control systems are monitored by PCB's security service 24 hours a day, 365 days a year.

In order to ensure the security of its buildings, PCB employs access control systems, CCTV perimeter surveillance, a centralised intrusion and fire detection system, general monitoring systems for freezers and cold rooms, as well as preferential circuits and UPS systems in all laboratories.

In October 2012, the control centre which comprehensively manages all security systems was put into operation. Prior to this each building was monitored from a separate security point.

Cleaning services

The PCB provides a daily cleaning service which includes cleaning floors and emptying PCB and client laboratory and office bins as well as the maintenance of communal areas.
The cleaning service includes an annual special in-depth service, which includes cleaning and disinfecting tables, counters, basins and other elements which may require this.
In March 2012 a service was launched to periodically control and check the cleanliness of communal areas.

Access to the internal computer network

The PCB has its own internal computer network, from which the SIC-PCB provides IP services to organisations in PCB (PCB has a network with private IP addressing) as well as telephone services (Wi-Fi network, VPN, common printers and MPLS transport between laboratories which are physically separate but which belong to the same institution).

In 2012 473,020 attempted email entries were logged, 391,848 of which were rejected by the anti-spam system, with 81,172 remaining.

Reception and delivery of correspondence

The mail service, which is part of PCB's general services, includes daily collection, receipt, sorting and delivery of letters and small parcels arriving for organisations in the different PCB buildings. Currently letters are stamped using the UB postal service and each organisation/company/group is periodically invoiced for the corresponding amount.

The PCB also has its own internal mail service, which provides a service between PCB facilities and also works with the UB's internal mail service, which provides a mail service to UB's buildings.

In 2012 approximately 727 letters were received per month, 645 of these were standard mail, 82 internal UB mail, and approximately 1354 letters were delivered per month.

Reception and delivery of goods

The PCB storage service manages the receipt and distribution of large packages and goods arriving at the laboratory buildings.

On a daily basis, the storage service delivers goods which arrive and are not picked up by users to PCB departments. Packages that are received which require special handling due to their weight, volume, condition or handling requirements, or which contain flammable are handled accordingly.

In 2012 the volume of packages received was approximately 2,237 per month.

Technical consulting for hazard prevention

The Technical Safety, Quality and Environment Department has established a set of measures and services for organisations at PCB to ensure that their activities meet safety and environmental protection criteria.

Security measures include the requirement for all organisations operating in PCB, including contractors, to fully comply with the applicable hazard prevention laws, implementing and maintaining emergency plans, providing training and information to users, providing documentation and technical consulting services on risk prevention, occupational safety and other topics related to occupational health.

In 2012, 13 occupational risk prevention and health training sessions were held as well as 10 notifications of emergency situations.

In 2012 as part of the internal management of the risk prevention service, a legal audit was performed which received excellent results.

Maintenance and management of communal areas

The PCB oversees the management and administration of communal building services to ensure their proper operation, maintenance and cleaning.

Communal areas are understood to be facilities and services used by all entities in PCB, such as corridors, building exteriors, toilets, lifts, photocopier areas, sitting areas with vending machines, dining areas, etc.

Use of meeting rooms

The PCB has 17 meeting areas including the Antoni Caparrós Auditorium, with seating for 150 people; the Fèlix Serratosa Room, with seating for 70 people; and several meeting rooms that accommodate between 5 and 30 people.

The annual quota for general PCB services includes one initial free use of these meeting areas with prior reservation and limited by room availability. Three PCB meeting rooms have also been set aside to be used for periods of up to 30 minutes free of charge and without prior reservation.

All meeting areas have all the audiovisual equipment required to hold events of different types.

Table 13. Annual occupancy of meeting areas

	Number of uses	Number of hours
Cluster building (7 rooms)	2,992	7,188
Hèlix building (2 rooms)	602	1,424
R&D&i towers (8 rooms)	1,563	5,044
TOTAL	**5,157**	**13,656**

Notification of new users on the website

When a new user joins PCB, notification of this is published on the PCB website in the Entities section for all users to view.

Information about important calls for research grant proposals

The PCB provides a free subscription to a newsletter on research grants published by public bodies and private organisations both nationally and internationally through its Research Project Management Department to all entities in PCB spaces.

3.d Waste management

Users in PCB facilities are included in PCB's waste management system. The system encompasses all actions necessary to comply with environmental regulations for special waste (chemical, biological, and other waste resulting from lab activities) as well as common waste from normal PCB activities (plastic, paper, glass, organic matter, etc.).

Services offered as part of the waste management include removing full waste containers and returning empty ones, handling legal paperwork and updating licenses, operating and maintaining waste storage facilities, delivering labels for containers, coordinating

transportation, verifying the compliance of all users of the facilities, and providing waste training services for users, waste consulting and technical literature.

Monthly general waste production and PCB entities and services was 6622.52 kg of chemical waste and 17861.67 litres of biological waste.

3.e Other services

Restaurant-cafeteria

The PCB has two restaurant-cafeterias – under a concession management and operation system – located in the Cluster I Building and in the Service Building. The restaurant in the Services Building opened in July 2012 and has a capacity of 244, 42 seats of which are designated for users who have brought their own food, as well as a terrace with seating for 132.

The PCB restaurant-cafeteria is meant to be a space to promote contact and build relationships between users of PCB.

Areas for consuming food brought by users

The PCB has areas equipped with microwaves, where users can bring and eat their own food. In July 2012 with the commissioning of the new restaurant-cafeteria the capacity of these areas was increased by 90 places, 42 of which are indoor, and 50 outdoor.

Parking

Barcelona Science Park manages and operates a secure parking area with 512 parking spaces (14 of which are adapted for disabled persons, and 11 of which have electric recharging equipment), 54 scooter spaces (of which 2 spaces have recharging equipment), and 21 bicycle spaces located below the expansion of the Cluster Building and Services Building.

The parking area is open 24 hours a day. Monthly parking passes are available for the PCB community as well as special rotation rates.

Electricity and other consumables

As detailed in the section on infrastructure and works carried out in 2012, in December 2012, PCB connected the Cluster I Building to the Cluster II Building's new power line, and the power system has a second line for possible emergencies.

The PCB's average monthly electrical power consumption for the years was 1,782,635 kw, including laboratories and offices.

Certification and actions related to quality standards

Since 2011 PCB has been certified for activities related to environmental management of buildings and facilities (ISO 14001: 2004) as well as for Common Scientific Services for the provision of scientific support services (maintenance of scientific equipment and facilities and user service). In 2012 both certifications were renewed.

In 2012 the Experimental Exotoxicology Unit's Good Laboratory Practice certification (GLP) was also renewed and extended, which was awarded to the unit for conducting non-clinical studies in the field of ecotoxicology in aquatic and terrestrial organisms.

3.f Provision of scientific services and knowledge and technology transfer

3.f.1 Science and technology services

3.f.1.1 Common scientific services (SCC)

Common scientific services (SCC) are the basis of the technological services offered by PCB. 8 staff manage more than 1,000 m² of self-service facilities equipped with scientific instruments available for users. These spaces are located in the Cluster and Hélix buildings and are open 24-hours every day, but are limited by PCB building access restrictions. There are approximately 1,000 users registered for the facilities, including researchers and research groups of entities at PCB. The exact number of users fluctuates throughout the year as staff join and leave SCC user entities. Due to the nature of the facilities, the SCC does not generally enable access to external researchers.

Activity in 2012 was similar to 2011 on almost all measures of usage: 314 washing machines were installed and 155 autoclaves, a volume of 24,229 litres of sanitary waste was generated, and 300 consumable items were purchased for the darkrooms. There was a notable increase in two areas of activity: preparation of food for flies rose from 46,943 to 61,769 tubes, and the number of activity log books increased from 106 to 161.

Also, 35 formal complaints were dealt with as well as 792 incidents. Complaints related primarily to machines not functioning correctly. Incidents were primarily related to repairs, transfers, maintenance and other actions in the different rooms. The source of the majority of incidents was the culture lab, due to the technical complexity of activities carried out there.

In 2012 the SCC renewed its ISO9001:2008, certification for provision of scientific support services (maintenance of scientific equipment and facilities and services for users).

3.f.1.2 Radioactive facility and special reaction services

The PCB Radioactivity Unit (IR-PCB) offers public and private research groups the ability to work with non-encapsulated radioactive isotopes in research laboratories specifically designed and equipped for this purpose. These labs are designed for the handling of radioactive materials with optimal safety measures and personal and environmental radiation protection. The IR-PCB facilities also offer X-ray diffraction equipment for the study of molecular structures and a mutagenesis kit for *Drosophila* RX. The IR-PCB staff consists of one full-time and one part-time employee.

The IR-PCB has obtained appropriate operating permits from the Radioactive Activities Coordination Service (SCAR) of the Department of Industry of the Government of Catalonia and the Nuclear Safety Council under the administrative designation IRA- 2548 - IR-B/455.

A pass is required to access the facilities and all users must be accredited to work with radioactive isotopes. As an exception, access to specific equipment may be allowed for a per-service fee, e.g. the Drosophila mutagenesis irradiator.

In 2012, 265 entries to the PCB Radioactivity Facility were recorded. This represents an increase of 85% in activity at the facility compared to 2011. A total of 712 services were provided including requests, reception and registration of radioisotopes.

New users include Kymos Pharma Services S.L. (January 2012) and Esteve (September 2012).

The IR-PCB facilities have been expanded with the addition of two new laboratories, one of 105 m² located on the fourth floor of the Cluster Building, and one of 30 m² for working with experimental animals in the new LAARP area.

The IR-PCB has successfully completed preliminary inspection for the commissioning of the new laboratory expansion in the Cluster Building in August 2012 as well as the annual operational inspection conducted by inspectors of the Radioactive Activities Coordination Service of the Government of Catalonia and accredited by the Nuclear Safety Council.

The Special Reaction Service occupies 65 m² on the top floor above C4 hall, and is divided into three laboratories: a toxic product and dangerous reactions laboratory, a hydrogenation laboratory, and a hydrofluoric laboratory. The purpose of the Special Reaction Service is to provide PCB researchers and external lab users with a place where they can carry out reactions that are high-risk or which may represent a significant disturbance. The Special Reaction Service is self-service and can be accessed by businesses and research groups in PCB as well as external users. It is managed by a person under the supervision of the head of Combinatorial Chemistry Unit. The Special Reaction Service was expanded with the addition of a new ATEX-compliant hydrogenation lab which allows processes up to 100 bars. This compliance required adaptation of all safety documentation for the two hydrogenation laboratories.

3.f.1.3 Technological platforms

Laboratory Animal Applied Research Platform (LAARP)

The LAARP has facilities designed to house rodents and aquatic species. It has an experimental unit equipped with multi-purpose laboratories for the collection and preparation of samples and an SPF (Specific Pathogen Free) buffer zone.

The LAARP serves two purposes. Firstly, it provides housing for animals of users who carry out their own procedures. Most of these users are researchers from public research bodies. The second function of the LAARP is the design, implementation, analysis and documentation of procedures for clients in the pharmaceutical, veterinary, biotechnology, food, cosmetics and other sectors.

In 2012 the staff of the LAARP varied between 22 and 24 individuals, including technical staff and animal caregivers. The LAARP serves 60 different entities, with a population of approximately 400 accredited users. In 2012 it added one new client.

The average occupancy of its animal areas was 5,500 cages. Over the course of the year this represented 185,250 cage changes, 572,000 bottle changes, and 92,625 grating changes. A total of 648,375 animal procedures were carried out and more than two million cage controls.

In addition to services contracted by pass, such as housing or those included in research project budgets, the LAARP provided 1,713 services to specific users. These services included experiments with up to 56 sessions of one hour each on weekends or holidays.

In 2012 the expansion of the Barcelona Science Park Laboratory Animal Applied Research Platform (PCB-LAARP) in the Cluster II building was fitted out, equipped and put into operation, providing a laboratory housing service exclusively for Esteve. The total area of the spaces equipped is approximately 2,000 m².
The platform continues to be a combination of Consolidated Research Group of the Government of Catalonia, together with the University of Lleida and the Vall d' Hebron Research Institute. LAARP activity has led to the publication of five articles in 2012, as a result of collaboration with institutions both within and outside PCB.

- *Frontiers in Molecular Neuroscience. 2012;5:58*
- *Journal of Biological Chemistry. 2012 June 15;287(25):21224-32*
- *International Wound Journal. 2012 Nov 9*
- *World Journal of Gastroenterology. 2012 May 7;18(17):2084-91*
- *British Journal of Nutrition. 2012 June;107(12):1739-46*

In 2012 participation in three CENIT projects was continued, with companies inside and outside PCB and 8 research projects for public and private entities was launched.

Combinatorial Chemistry

The Combinatorial Chemistry Unit (UQC) was created in 2002 to offer research and development (R&D) services to the chemical-pharmaceutical, biomedicine, biotechnology and veterinary medicine sectors, as well as to research centres, university research groups and governmental bodies.

The UQC has a staff of 14, six of whom are working exclusively on a project financed by Almirall. Of the remaining eight, three are linked to an externally-financed research project.

In 2012 UQC services focused on *à la carte* synthesis and fractionation of natural extracts as well as developing chromatographic analysis methods.

The UCQ client base consists of 33 entities, the majority of which are at PCB. In 2012 the UCQ added 9 new clients. In total 140 services were invoiced in addition to activities included as part of projects.

In 2012 the Combinatorial Chemistry Unit took part in the INNPACTO-HUMANPHARMA project, led by Vivia Biotech. Humanfarma hopes to add two elements to the process of drug discovery: providing access for all partners to a new technology for screening compounds in patient blood samples, created by the private company which, in at least one case has already led to a product which is in clinical research; and providing access for all members to a chemical research infrastructure of academic origin, the Chembiobank initiative (managed by the Drug Discovery Platform).

The Drug Discovery Platform was awarded a grant from the Government of Bavaria (Germany) for a collaborative project with Iris Biotech. The project focused on developing multivalent molecules which come from a research project at the unit. These molecules are sold by Iris Biotech under the name Pentrimers (www.iris-biotech.de). In accordance with this agreement, the UQC has become Iris Biotech's supplier for the synthesis of *à la carte* molecules. The Iris Biotech booth at the 2012 BIO trade show in Boston displayed information about Pentrimers which referred to PCB.

This year also marked the beginning of work funded by the Spanish Government (MINECO) also focusing on developing multimodal and multivalent platforms with biomedical applications.

In collaboration with the Nanomol of ICMAB-CSIC group a Spanish patent has been filed based on the development of new lipid nanovesicles as drug delivery systems.

Seven articles were published in international journals and one thesis was defended:

- M. Góngora-Benitez, Basso, T. Bruckdorfer, M. Royo, J. Tulla-Puche, F. Albericio Eco-Friendly Combination of the Immobilized PGA Enzyme and the S-Phacm Protecting Group for the Synthesis of Cys-Containing Peptides *Chemistry A European Journal* (2012), 18, 16166-16176.
- C. Torres-Garcia, D. Pulido, M. Carceller, I. Ramos, M. Royo,* E. Nicolas* Solid-phase synthesis of phenylalanine containing peptides using a traceless triazene linker *Journal of Organic Chemistry* (2012), 77, 9852-9858.

- E. Gorrea, D. Carbajo, R. Gutiérrez-Abad, O. Illa, V. Branchadell, M. Royo, R. M. Ortuño Searching for new cell-penetrating agents: hybrid cyclobutane–proline g,g-peptides *Organic and Biomolecular Chemistry* (2012), *10*, 4050-4057.
- S. Cavalli, D. Carbajo, M. Acosta, S. Lope-Piedrafita, A. P. Candiota, C. Arús, M. Royo, F. Albericio Efficient γ-amino-proline-derived cell penetrating peptide–superparamagnetic iron oxide nanoparticle conjugates *via* aniline-catalyzed oxime chemistry as bimodal imaging nanoagents *Chemical Communications* (2012), *48*, 5322-5324
- A. Sancho, J. Duran, A. García-España, C. Mauvezin, E. A. Alemu, T. Lamark, M. J. Macias, R. DeSalle, M. Royo, D. Sala, J. U. Chicote, M. Palacín, T. Johansen, A. Zorzano *DOR/Tp53inp2* and *Tp53inp1* constitute a metazoan gene family encoding dual regulators of autophagy and transcription *PLoS One* (2012), *7*, e34034.
- C. Rosés, D.Carbajo, G. Sanclimens, J. Farrera-Sinfreu, A. Blancafort, G.Oliveras, A. Díaz-Cirac, E. Bardají, T.Puig, M. Planas, L. Feliu, F. Albericio, M. Royo Cell-penetrating γ-peptide/antimicrobial undecapeptide conjugates with anticancer activity *Tetrahedron* (2012), *6*8, 4406-4412.
- C. Torres, M. Díaz, D. Blasi, I. Farràs, I. Fernández, X. Ariza, J. Farràs, P. Lloyd-Williams, M. Royo, E. Nicolás Side chain anchoring of Tryptophan to solid supports using a dihydropyranyl handle: Synthesis of Brevianamide F *International Journal of Peptide Research and Therapeutics* (2012), *18*, 7-19.

Nanotechnology

The PCB Nanotechnology Platform provides access to facilities and specialist expertise in the fabrication and characterisation of nanoscale materials.

It has several laboratories in the Cluster Building, including a clean room, as well as a staff of five who provide services, and another five individuals linked to externally-funded research projects.

The platform added 11 new clients in 2012 and offers services to a total of 54 clients. In contrast with other PCB platforms, PCB Nanotechnology Platform has many external clients, most of which are international. In 2012 the platform provided 852 individual services of varying complexity, in addition to services contracted as part of various projects.

The platform's largest client in terms of sales is the Institute for Bioengineering of Catalonia (IBEC). In 2012 it reached an agreement with IBEC to transfer the platform to IBEC. This transfer was expected to be made in early 2013.

The platform published four papers in indexed journals as a result of its research activities.

- Lopez-Bosque MJ, Cazorla M, Linacero J, Tejeda-Montes E, Atienza Y, Smith K, Llado A, Colombelli J, Engel E, Mata A. Fabrication of hierarchical micro-nanotecopgraphies for cell attachment studies. *Submitted December, 2012.*
- Mendes A, Smith KH, Tejeda-Montes E, Engel E, Reis RL, Azevedo HS, Mata A. Co-assembled and microfabricated bioactive membranes. *Advanced Functional Materials* 23:430-438, 2012.

- Tejeda-Montes E, Smith KH, Poch M, Lopez-Bosque MJ, Martín, L, Alonso M, Engel E, Mata A. Engineering membrane scaffolds with both physical and biomolecular signaling. *Acta Biomaterialia* 8:998-1009, 2012.
- Mata A, Palmer L, Tejeda-Montes E, Stupp SI. "Design of Biomolecules for Nanoengineered Biomaterials for Regenerative Medicine" *Methods in Molecular Biology: Nanotechnology in Regenerative Medicine*, Humana Press, USA. Springer Publishing Group, 2012, Volume 811, 39-49.

Three projects financed by external entities were launched from the platform:

- Mata A & Semino C. Multifunctional dendrimers for the development of bioactive scaffolds for cartilage defect regeneration. Funded by the AO Foundation, 2013-14.
- Mata A & Dalby M. A novel 3-D bone regeneration scaffold for stimulation of angiongenesis and biomineralization. Funded by the AO Foundation, 2013-14.
- Mata A. Strong and functional scaffolds for disc and cartilage regeneration (STROFUNSCAFF). Funded by the European Research Council, 2013-17.

The platform's efforts have led to two patent applications:

- Mata A, Aguilar JP. Method for manufacturing a three-dimensional biomimetic scaffold and uses thereof, N/Ref P7401EP00, EP 12382102.7, filed 21/03/2012.
- Mata A, Inostroza K, Smith K. Self-assembling peptides. US61/745,669, filed 24/12/2012.

The head of the platform was invited to give three lectures at sector conferences:

- Mata A. (Keynote lecture) Hierarchical biomaterials for tissue engineering. 5th International Conference on Biomaterials "Biomaterials & Medical Devices" BiomMedD'2012, Bucharest, Romania, August 2012
- Mata A. (Keynote lecture) Bioactive scaffolds for bone and cartilage regeneration. The International Conference of Young Researchers on Advanced Materials (IUMRS – ICYRAM), MRS Singapore, Singapore, July 2012
- Mata A. Fabrication strategies for developing bioactive scaffold for tissue engineering. Nano-Bio Collaborative 2012, University of Sourthern Florida, Tampla, Florida, March 2012.

Other members of the platform also presented their work at conferences:

- Tejeda-Montes E, Smith KH, Poch M, Lopez-Bosque MJ, Martín, L, Alonso M, Engel E, Mata A. Engineering membrane scaffolds with both physical and biomolecular signaling Mata A. ERC Annual Conference, Strasburg, France, December, 2012.
- Smith KH, Inostroza K, E, Engel, Alonso M, E, Reis RL, Azevedo HS, Mata A. Tissue Engineering and Regenerative Medicine Society World Conference, Vienna, Austria, October, 2012.

Proteomics

The Proteomics Platform provides technology to the scientific community to carry out everything from the separation and analysis of protein expression using two-dimensional electrophoresis to large-scale protein identification. The platform has a staff of three.

With the addition in 2010 of a cutting-edge mass spectrometry system, the Orbitrap Velos, with ETD, by Thermo Scientific, the platform has progressively added advanced techniques for mass identification of proteins in complex samples without the need for prior separation, as well as techniques to quantify the level of differential protein expression in complex samples using mass spectrometry. The platform also completed projects for the description of post-translational modifications (phosphorylation, methylation and acetylation).

In 2012 more than 3,000 samples were analysed by the platform. These included the identification of proteins (621), characterisation of post-translational modifications (45), quantification of differential expression levels (109), and others: electrophoresis, sequencing by Edman degradation, and determining molecular mass via mass spectrometry.

The platform also provides training and self-service MALDI-TOF mass spectrometry services for users (molecular mass determination of 1,600 samples).

At the end of 2012 the platform signed an agreement with Barcelona Clinic Foundation and another with a Cuban company, Heber Biotec SA.

In 2012 the platform served 73 different clients, of which seven were new.

The platform has been directly involved in the publication of two scientific articles and has participated in five international conferences.

Articles:

- I. Amara, A. Odena, E. Oliveira, A. Moreno, K. Masmoudi, M. Pagès and A. Goday. (2012) Insights into Maize LEA Proteins: From Proteomics to Functional Approaches. Plant Cell Physiol. 53(2): 312–329.
- M. Martin-Pérez, J.Fernández Borràs, A. Ibarzs, A.Mlan-Cubillo, O.Felip, E.de Oliveira and J.Blasco. (2012) New Insights into Fish Swimming: A Proteomics and Isotopic Approach in Gilthead Sea Bream. J. Proteome Res. 2012, 11, 3533-3547.

Participation in conferences:

• ABRF 2012, Orlando
  - ProteoRed Multicenter Experiment for long-term quality control evaluation of proteomics core facilities
  - A multi-centric study to assess reproducibility of protein quantification by SRM LC-MS proteomic analysis

- Automatic reporting and reproducibility analysis of ProteoRed participants in the sPRG2011 study using the “MIAPE extractor” tool.

• HUPO 2012, Boston
- Chromosome 16 Consortium: Current Developments on the Characterization of the Proteins Encoded by the Chromosome 16"

• HUPO-PSI 2012
- Automatic reporting and reproducibility analysis of ProteoRed participants in the multi-laboratory studies using the “MIAPE extractor” tool

Drug Discovery

The Drug Discovery Platform (PDD) works with researchers at the University of Barcelona, the other PCB technology platforms, and companies in the Barcelona Science Park to promote and add value to research associated with the discovery of new drugs.
This platform's expert consulting services aim to promote the creation of new projects involving the aforementioned stakeholders and companies in the chemical, pharmaceutical, biotech, cosmetic, food and other sectors.

Due to the nature of the services offered, the PDD does not generally charge for individual services. Instead it charges through quotations included in projects which are externally financed. Nevertheless, in 2012 it provided an individual service to two clients, including a company in PCB.

In February 2012 it successfully completed the TV3 Marathon Foundation project on drug discovery for a rare disease, transthyretin-related amyloidosis. The results of this project were presented to the manufacturer of an anti-inflammatory drug. According to the preliminary results of the project, it could have a therapeutic impact in this disease. If this company becomes involved in the continuation of the project it would validate the PCB model, i.e. linking public research to private research to transfer technology that benefits society.

In 2012 the Drug Discovery Platform/Chembiobank continued to participate in the European EU-OPENSCREEN Chemical Biology infrastructure project.

In January 2012 the following new projects were launched:

a) *Drugs4Rare*, funded by the Carlos III Health Institute, aims to reposition drugs for rare diseases; the PCB Drug Discovery Platform is the coordinator of this project, which had a duration of two years (2012-2013) and which involved two groups from Santiago de Compostela University and the Municipal Institute of Medical Research (IMIM) in Barcelona.
b) Participation in the Drug Discovery Platform as a partner in the Humanfarma project, funded under the aegis of the INNPACTO programme of the Ministry of Economy and Competitiveness (MINECO). This public-private project is led by the biotechnology company Vivia Biotech and the Drug Discovery Platform, as well as the UQC as mentioned previously, and aims to design a chemical-biological database associated with the Chembiobank project and to supply chemical compounds of interest to the project selected from different libraries and databases.

In January 2012, the Drug Discovery Platform signed an agreement with SOM Biotech and Metasbio, both of which have facilities at PCB, to transfer the results of a project conducted by DDP in the field of drug repositioning to SOM Biotech.

In 2012 the DDP participated in the organisation of the 4th Summer School on Medicines (SSM4, Montreal, July 2012), organised by PCB with Toulouse Campus Cancer (Oncopôle) and the French Université Paul Sabatier, Biocat, the Université de Montréal, and Montréal InVivo. The objective of this initiative was to provide information to doctoral and post-doctoral students and researchers about the different aspects of the process, starting from the original idea to bringing a drug to the market in the pharmaceutical and biotechnology industries.

In 2012 definitions and fees were established for seven Drug Discovery Platform services. Until this point PDD had offered its services using specific contractual agreements for each project. The services offered range from managing chemical analysis of compounds to selecting database/library compounds to computerised analysis of compounds of therapeutic interest using information collected in public and private databases.

The platform created two posters in 2012:

- Blasi, D, *et al.* An assessment of the prospective potential of ligand efficiency indices to guide drug discovery for TTR amyloidoses. *XIII International Symposium on Amyloidosis, "From misfolded proteins to well-designed treatment"*. May 6-10, 2012. Groningen (Holland).
- Blasi, D, *et al.* Drug discovery for TTR-related amyloidosis through analysis of chemico-biological space using LEI. *19th European Symposium on Quantitative Structure-Activity Relationships*. August 26-30, 2012. Vienna (Austria)

Experimental Toxicology and Ecotoxicology Unit

UTOX offers consultancy services as well as custom design and execution of toxicological studies. It has a staff of seven as well as one doctoral student. It is part of CERETOX, a TECNIO centre which is part of CITA-UB.

Its client base includes 31 entities, the majority of which are at PCB. Of these eight are new clients which were obtained over the course of the year. In 2012 UTOX signed three agreements with BBRAUN, READYCELL and Endor Nanotechnologies (with facilities at PCB).

The agreement with Endor Nanotechnologies is the result of the positioning of UTOX as a European leader in nanotoxicology expertise. This is a little known field which will have great importance in the near future as European regulations establish which properties of nanoparticles are acceptable and which are not. UTOX gained experience through its participation in the NANOSOST project and is a leading laboratory in this sector in Europe.

In 2012 UTOX has expanded the services it offers, adding four new ones: frog embryo teratogenesis, cosmetics safety assessment, Ames testing and transdermic absorption. In total it billed for 116 services of differing complexity in addition to services included as part of various projects.

UTOX also began participation in three new research projects:

- COPONAMRI “Cyano-bridged coordination polymer nanoparticles”
- SILICOAT “Industrial implementation of processes to render RCS safer in manufacturing processes”. Subcontracted to the Institute for Ceramic Technology (ITC)
- Health impacts associated with the cement industry. Included in the grants from the NATIONAL PLAN OF THE Ministry of Economy and Competitiveness

UTOX activity led to six publications in collaboration with Endor Nanotechnologies and other UB researchers. The dissertation being conducted at UTOX is the result of research commissioned by Endor which seeks to determine the toxicological properties of gold nanoparticles manufactured by Endor.

2012 UTOX publications:

- Gemini imidazolium amphiphiles for the synthesis, stabilization and drug delivery from gold nanoparticles. Perez-Garcia, Lluisa; Amabilino, David; Casal-Dujat, Lucia; Rodrigues, Mafalda; Calpena, Anna; Gonzalez-Linares, Javier; Borras, Miquel; Yague, Alex. Langmuir, 2012, 28, 2368–2381.
- Oxidative stress, genotoxicity and histopathology biomarker responses in mullet (Mugil cephalus) and sea bass (Dicentrarchus labrax) liver from Bizerte Lagoon (Tunisia). Walid Ben Ameur, Joaquin de Lapuente, Yassine El Megdiche, Badreddine Barhoumi, Souad Trabelsi, Lydia Camps, Joan Serret, David Ramos-López, Javier Gonzalez-Linares, Mohamed Ridha Driss, Miquel Borràs. Marine Pollution Bulletin. 64(2):241-251.
- Toxicology review in metal nanoparticles: approximation in gold and cobalt ferrite nanoparticles. Constança Porredon, Joaquín de Lapuente, Jesús Pablo García, Judith Sendra, Argelia Castaño, Ainhoa Egizabal, Marc Ramis, Javier Margareto, Miquel Borràs. Advanced Science Letters, Feb 2012, Adv. Sci. Lett. 6, 1-16 (2012).
- Safety toxicology data for evaluation of gold nanoparticles with or without coating: chronic cytotoxicity, genotoxicity and uptake in BALB/c 3T3 fibroblast. Claudia di Guglielmo; Joaquin de Lapuente; Constança Porredón; David Ramos-López; Judith Sendra; Miquel Borràs. J. Nanosci. Nanotechnol. 12, 1-6.
- Luminescent Q1 zinc salophen derivatives: cytotoxicity assessment and Q2 action mechanism Studies. Rosa Brissos, David Ramos, Joao Carlos Lima, Francesco Yafteh Mihan, Miquel Borràs, Joaquin de Lapuente, Antonella Dalla Cort and Laura Rodríguez. New Journal of Chemistry, DOI: 10.1039/c3nj41125g (in press).

Crystallography

The Automated Crystallography Platform (PAC) provides protein crystallisation and X-ray diffraction services as well as access to equipment for self-service users from academia (internal or external to PCB). The PAC is the result of a partnership between PCB and two research institutes at PCB, the Institute for Research in Biomedicine (IRB Barcelona) and the Molecular Biology Institute of Barcelona (CSIC- IBMB). The PAC has a staff of three, formed by one individual from PCB, one from the IRB, and another from IBMB-CSIC.
The PAC occupies 118 m² in the Cluster Building. Some of its facilities are under the supervision of the PCB Radioactivity Unit, since the PAC has an X-ray generating device.

It had a client base of seven in 2012, although one client (IBMB-CSIC) accounts for the vast majority of services provided by the PAC. The number of individual CAP users is about 25 researchers. In total the CAP provided 226 services throughout the year.

In 2012, as a result of a project launched in 2011, the PAC started offering a new service for controlling moisture in crystals, which allows the interaction of compounds and proteins within crystals to be analysed. This service may become an important tool in drug discovery. Some 20 pharmaceutical and biotechnology companies were given information about the service in Spain and Europe in 2012.

The platform published one article in 2012 explaining the details of this service:

- Oliete R., Pous J., Rodríguez-Puente S., Abad-Zapatero C. & Guasch A. Elastic and inelastic diffraction changes upon variation of the relative humidity environment of pure crystals. *Acta Cryst*. (2013). D69, 194-212.

3.f.2 Knowledge and technology transfer

Science and Technology Park Future City Consulting Service Project, Ecuador

Consulting services for the design of the conceptual management and architectural models of the PCT of Future City in Ecuador, the ESPE, and the business group. HOLDINGDINE, S.A.

Organisation of the first international university extension course on managing innovation hubs and clusters

From 22 to 26 October PCB hosted a "Course on the management of innovation hubs and clusters" a university extension course at the University of Barcelona created and managed by PCB which was created with the clear mission of becoming an international leader in its field. The objective of the first delivery of this academic program, which had 29 participants, was to train future leaders in science and technology in the region of Santa Catarina (Brazil) in the comprehensive leadership and management of clusters and innovation hubs.

Visits by international delegations

The PCB hosted a number of visits from Spanish delegations as well as international delegations from Chile, the USA, Peru, Britain, Korea, China, Brazil, Russia, Denmark and other countries.

Participation in national and international events

Participation in the BioEmprenedorXXI Programme

BioEmprenedorXXI is a programme to promote entrepreneurship in the field of life sciences in its broadest sense: biotechnology, biomedicine and agri-food. Once again, PCB was part of the jury to select the winners of the contest.

Participation in World IASP Conference, Tallinn

The PCB gave a presentation on the "Barcelona Business Ready" service as part of the "Softlanding and Internationalisation Services" contribution to the annual International Association of Science Parks (IASP) conference.

Participation in BIO International Conference in Boston, and in Biospain in Bilbao

The PCB and other entities located in their facilities were represented at the most important conferences in the field of life sciences both nationally and internationally.

Participation in the European "d-politate" project for the development on leaders in knowledge and technology transfer.

The project has duration of two years and seven partners from Europe and Latin America. It aims to improve the skills and abilities required in the public sector to transfer technology to society, both in economic and social terms.

3.g Dissemination of science and communications

3.g.1 Dissemination of science

With the objective of promoting the dissemination of science, PCB develops innovative communication channels to disseminate current research and contribute to the advancement of scientific literacy within the general public, to promote informed public debate on research, and to promote new research vocations, especially in the field of life sciences.

In line with this goal, PCB continued the activities of the Research in Society programme which was launched in 2003 and includes exhibitions, workshops, experiments, open house days in the form of clue games, science refresher events for teachers, and provides

a wide range of classroom resources through European education platforms. This programme has the support of a wide range of institutions, including the Barcelona City Council, the Department of Economy and Knowledge of the Catalan government, the Ministry of Economy and Competitiveness, FECYT (with which PCB has a Scientific Culture Unit), the Catalunya-La Pedrera Foundation, the Amgen Foundation and La Caixa Social Works.

Participation in research projects

Fes Recerca! is a series of public workshops in which participants are allowed to take part in some of the experiments currently being conducted in PCB and UB laboratories.

- This year 40 workshops were held on weekdays for secondary school pupils as well as 4 PCB OpenLab weekend workshops for the general public, held in La Pedrera. In total 1,363 people attended the events. The Fes Recerca! Programme is sponsored by the Catalunya-La Pedrera Foundation, the Barcelona City Council, the Department of Economy and Knowledge, the Ministry of Economy and Competitiveness, FECYT, and the Leaders in Biotechnology Network.
- The eighth Research in Secondary Education project is aimed at the educational community and at raising awareness and providing education for 16-18 year old students in their research work. This year's event was attended by 42 students from 40 schools that carried out research with the help of a PCB tutor. This project is sponsored by the Catalunya-La Pedrera Foundation.
- The tenth "Spend the Summer in the Park" is aimed at graduate students. The objective of this initiative, which is organised by PCB, is to raise awareness and provide information about the world of research to students from different universities through participation in projects conducted in groups, research centres and companies at PCB. In 2012 32 students took part in the event.

Participatory visits to PCB

- Research in Primary is a series of interactive tours aimed at students in the upper years of primary school. In total 34 sessions were held which were attended by 820 students.
- The Research in Primary programme is sponsored by the Ministry of Economy and Competitiveness and FECYT.
- The PCB took part in the 17th Science Week, held in Catalonia from 17 to 26 November, which included open workshops. On 20 and 22 November, 147 visitors were able to experience research by following the steps a PCB researcher took while working on a doctoral thesis in the form of a clue game.

Public participation

The 10th Live Research fair was held at La Pedrera in April, bringing together eight research groups from different institutions in Barcelona. The event, which was sponsored by the Catalunya-La Pedrera Foundation, was attended by research groups from IRB Barcelona, the University of Barcelona, the Institute for Bioengineering of Catalonia (IBEC), the Autonomous University of Barcelona (UAB), the Centre for Research in Environmental Epidemiology (CREAL), the August Pi i Sunyer Institute of Biomedical Research (IDIBAPS) and the Polytechnic University of Catalonia (UPC). A total of 1,439 people visited the fair, of which 80 % were secondary school students with prior reservations.

European educational website

European educational websites

In 2012 the European educational website Xplore Health (www.xplorehealth.eu) added a new module on HIV/AIDS, developed jointly by PCB and the IrsiCaixa AIDS Research Institute in collaboration with La Caixa Social Works.

Science refresher courses for secondary teachers

On 7, 14 and 21 November the second course of Xplore Health website was held in the Open Lab of Barcelona Science Park (PCB). The event, aimed at secondary school teachers in Catalonia, was titled "Bringing the biotech revolution to the classroom." This course was sponsored by the Amgen Foundation in conjunction with La Caixa Social Works, the Catalan Department of Education, and the European Schoolnet (EUN). This year, the programme was offered simultaneously in the interactive museum Domus in La Coruña, and through the eTwinning virtual community – coordinated by EUN – which brings together 175,000 teachers and 95,000 European schools. A total of 125 secondary school teachers from all over Europe participated in this initiative.

The course aims to familiarise teachers with the latest in scientific developments and provide resources to give biotechnology research visibility in the classroom via multimedia tools, games and discussion of experiment protocols offered by the Xplore Health website. As part of this course, PCB chose 30 "pilot schools", in which, in addition to participating in all of the courses, to implement and assess classroom activities related to biotechnology using Xplore Health tools and encourage enquiry-based science education.

Training in science communications for scientists and professionals in the sector, and contributions to conferences

Practical demonstration of an Xplore Health experiment "Take part in a research project on atherosclerosis", and presentation of the course "Creating a culture of engagement with health" at the annual meeting of the network of scientific museums, ECSITE 2012, held in Toulouse from May 31 to June 2, 2012.
A course on scientific communications under the aegis of "Communication and Management in Biochemistry and Molecular Biology" of the UB's official Biochemistry and Molecular Biology doctoral programme, June 7, 2012 (70 attendees).
Master's course in translational medicine, Faculty of Medicine, University of Barcelona (UB), June 2012.

Undergraduate biology class on scientific communications, first semester of 2012 (50 students).

3.g.2 Communication and signposting

Support for communications for entities at PCB

In 2012 the Communications and Corporate Relations Department continued to actively promote media relations and to provide support to entities with facilities at PCB.
A total of 167 press releases were created to disseminate information about business, research and innovation projects of PCB entities. These resulted in 623 news items in the media. This figure only includes news items in which PCB is mentioned.

Promoting and monitoring news items in the media about PCB

A total of 39 press releases were written on activities developed by the different departments of PCB, including releases on the activities of the "Research in Society" programme, conferences promoted by the Science Department to promote PCB's Scientific and Technological Services, joint actions with Biocat, and attendance at international fairs in the bio sector. This resulted in 145 news items.

The financial situation of PCB was mentioned 21 times in the media.

PCB was mentioned in the media a total of 789 times, representing an increase of 5.6 % compared to 2011.

Digital communications

Five websites for entities at PCB and UB departments were created. Also, in this same area, graphic materials were created for the different PCB workshops and seminars of PCB entities and for activities conducted by PCB for clients (posters, documents, banners, etc.).

Signs in PCB facilities

Interior and exterior signage was improved in PCB facilities.
Interior signage was improved in internal accesses connecting Cluster buildings I and II and the R&D and innovation towers. Signs were also put up on entrances to the new restaurant-cafeteria, the parking area, and the new LAARP spaces. Plasma screen entity directories in the facilities of the Cluster II buildings and R&D and innovation towers were also updated.

In terms of exterior signs, two signposts were placed at the entrance to the Cluster Building on calle Baldiri Reixac for PCB entities occupying more than more than 1,500 m², and two more for entities that occupy less than 1,500 m². Following the incorporation of Esteve in September, an exterior signposting project was put in motion to feature the logos of entities that occupy more than 1,500 m² on facades (for the grand opening of the Esteve facilities a temporary logo was placed pending authorisation of the proposed exterior sign).

Other communication actions

This year the festival of Sant Jordi was celebrated again with a book exchange event, open to everyone working in PCB as well as all entities in the park itself.

The annual scientific photography contest FOTORECERCA12 was held for the fifth consecutive year. The event is open to everyone related to PCB. This year 27 photographs were submitted. First prize went to Elisa Balducci for her image "Trapezists of the brain: metamorphosis of radial glia" and second prize to Maria Marsal for her piece "Crescent moon", both of whom are researchers at IBMB-CSIC.

4 Activities carried out in 2012: CNAG

In accordance with the agreement signed in 2010 between the Ministry of Science and Innovation, the Catalan government and PCB for the commissioning of the centre, this year CNAG completed its second year of full operation.

CNAG's mission is to conduct genomic research projects aimed at improving people's general health and quality of life in collaboration with Catalan, Spanish and international scientists.

CNAG is directed by Dr. Ivo Gut and in 2012 had a staff of 47 including laboratory personnel (17), computer/bioinformatics personnel (24), and managers and administrators (6). CNAG personnel are highly qualified, with 50% of staff holding a PhD.

The platform currently has 12 second generation DNA sequencers: 10 Illumina HiSeq and 2 Illumina GAIIx sequencers with a sequencing capacity of six human genomes every 24 hours. The data processing centre also has more than 900 computer nodes, 2.2 petabytes of storage space, an internal 10Gb per second network, and multiple direct 10Gb per

second connections with the Barcelona Supercomputing Center. This collection of equipment makes CNAG the second most important centre in Europe in terms of sequencing capacity.

CNAG offers a wide range of genomic applications including de novo sequencing and resequencing of whole genomes (WG-Seq), exome resequencing and resequencing of specific regions (Target-Seq), identification of DNA binding sites (ChIP-Seq) and RNA sequencing (RNA-Seq). In addition, CNAG members have developed new protocols to reduce the cost and improve the quality of results.

Research projects and publications

In 2012 CNAG continued to contribute to the success of Spanish participation in the International Cancer Genome Consortium (ICGC) through its participation in the chronic lymphocytic leukaemia project led by Dr. Elías Campo of the Hospital Clinic of Barcelona. As part of this ambitious initiative CNAG already sequenced the genomes of normal cells and tumour cells from 70 patients, the axoma of 300 patients, and the transcriptome of 100 patients.

CNAG, in collaboration with scientists from universities, hospitals, research centres and companies in the biotechnology sector also participates in sequencing projects in a wide range of fields including rare and neglected diseases, host-pathogen interactions, the preservation of endangered species, evolutionary studies and improving species of agricultural interest.

CNAG is taking part in 16 research projects funded through competitive grants (mainly European grants) and collaborates with 65 institutions, both public and private, involved in genomic sequencing projects and analysis. This has generated € 4.2 M of income for CNAG from projects and contracts, which complements the structural public financing.

CNAG researchers published 46 publications in 2012, including the following:

- **The GEM mapper: fast, accurate and versatile alignment by filtration** ***Marco-Sola S, Sammeth M,*** **Guigó R and** ***Ribeca P,*** Nature Methods (2012) doi:10.1038/nmeth. 2221
- **Epigenomic analysis detects widespread gene-body DNA hypomethylation in chronic lymphocytic leukaemia Kulis M,** ***Heath S,*** **Bibikova M, et al including** ***Bayés M, Gut M and Gut I.***Nat Genet. 2012 Oct 14;44(11):1236-42. doi: 10.1038/ng.2443. Epub 2012 Oct 14.
- **Spinal Muscular Atrophy Associated with Progressive Myoclonic Epilepsy Is Caused by Mutations in ASAH1. Zhou J, Tawk M, Tiziano FD et al including** ***Bayes M, Castro-Giner F and Gut I.*** Am J Hum Genet. 2012 Jun 13. [Epub ahead of print]
- **The tomato genome sequence provides insights into fleshy fruit evolution Tomato Genome Consortium including** ***Alioto T and Ribeca P.*** Nature. 2012 May 30;485(7400):635-41. doi: 10.1038/nature11119.
- **Tuning of natural killer cell reactivity by NKp46 and Helios calibrates T cell responses Narni-Mancinelli E, Jaeger BN, Bernat C, Fenis A, Kung S, et al. including** ***Gut M, Heath SC, Gut IG.***Science. 2012 Jan 20;335(6066):344-8.

In 2012, the centre continued to be managed via the legal entity of PCB, while CNAG awaits a decision regarding the future from its sponsors, the Ministry of Economy and Competitiveness and the Catalan government.

ANNEX:

ENTITIES WITH FACILITIES IN THE BARCELONA SCIENCE PARK (31/12/2012)

A. PCB entities (which occupy spaces)

Public bodies

Molecular Biology Institute of Barcelona (CSIC)
University of Barcelona

Other NPOs

Acondicionamiento Tarrasense (LEITAT)
Catalan Association of Biotechnology Companies
European Federation of Biotechnology

Consortia

Barcelona Supercomputing Center
Agustí Pí i Sunyer Institute of Biomedical Research

Businesses

Agrasys, SL
Alucha, SL
Amedyn Healthcare, SL
Applied Research Using Omic Sciences, SL
Argon Pharma, SL
Arian International Projects, SLNE
AWS Truepower, SLU
Biocontrol Technologies, SL
BioGlane, S.L.N.E.
Bioingenium, SL
Biopharmaceutical Consulting & Associates, SL
DC Fine Chemicals Spain, SL
Enantia, SL
Endor Nanotechnologies, SL
Era Biotech, SA
Eurofins biolab S.L.U.
Ferrer Internacional , SA
Fralexa Bioresearch, SL
Genmedica Therapeutics, SL
Greenaltech, SL
Inbiomotion, SL
Infinitec Activos, SL
Instituto de Innovación Digital de las Profesiones, SL
Intelligent Pharma, SL
Iproteos, SL
Janus Development, SL

Kymos Pharma Services, SL
Laboratorios del Dr. Esteve, SA
Laboratorios Ordesa, SL
Lidesec, SL
Medicalsoft Intercath, SL
Medichem, SA
Metas Biotech SL
Meteosim, SL
Mind The Byte, SL
Mixestat, SL
Neuroscience Technologies, SLP
Neurotec Pharma, SL
Ninsar Agrosciences, SL
Omnia Molecular
Palo Biofarma, SL
Pharma Mar, SAU
Pharmaphenix, SL
Prous Institute for Biomedical Research, SA
Recerca Clínica, SL
Semillas Fitó, SA
Sitec Pharmabio, SL
Som Innovation Biotech, SL
Stat-Diagnostica & Innovation, SL
Transbiomed, SL
T-Solar Global, SA
Vivotecnia Research, SL
Ysios Capital Partners S.G.E.C.R, SA
ZBM Patents, SL

Foundations

Bosch i Gimpera Foundation
DTI-Donation & Transplantation Institute Foundation
Clinic Foundation for Biomedical Research
Vall d'Hebron University Hospital - Research Institute Foundation
Biomedical Research Institute Foundation
Institute of Economy Foundation of Barcelona
Barcelona Science Park Foundation (**)
ESAME Private Foundation
GAEM Private Foundation
Economy and Society Research Centre Private Foundation
Private Foundation for Environmental and Energy and Sustainability
Institute for Bioengineering of Catalonia

B. Associated entities

Public bodies

University of Barcelona Logic, Language and Cognition Research Group (LOGOS)

Businesses

AbBcn, S.L. (Antibody)
ABG Patentes, SL
Bruker Española, SA
Disseny i Optimització de Processos per la Millora Ambiental, SL
Informatics Research Institute (IRI)
Pangaea Biotech, SL
Reach Monitor, SLNE
SANI-RED, SL

Foundations

Nutritional Research Foundation

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*) UB units and services at PCB which as such included as users are as follows:

- Chair for Entrepreneurship
- Patent Centre
- Institute of Biomedicine, University of Barcelona
- Institute for Research on Biodiversity
- Observatory on Bioethics and Law
- International Research Projects Office
- Scientific and Technical Services
- Quantum Simulation of Biological Process
- University of Barcelona

(**) The PCB includes CNAG as well as its own services. Although CNAG is now part of the PCB Foundation, due to the provision stipulating its dissociation it is treated as a separate client. PCB services which are considered as users are as follows:

- Radioactivity Facility
- Crystallography Platform
- Drug Discovery Platform (PDD)
- Nanotechnology Platform
- Proteolytic Platform
- Combinatorial Chemistry Platform
- Laboratory Animal Applied Research Platform (LAARP)
- Administrative/Technical Services
- Common Scientific Services (SCC)
- Special Reaction Service (SRE)
- Experimental Toxicology and Ecotoxicology Unit

Barcelona, 21 June 2013

Dídac Ramírez
President

Isabel Miralles
Secretary