



Facts & Figures 2008



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Personnel and Visitors

Personnel

Numbers indicate staff who worked for the whole or part of the year 2008.

Charts 1-10: The research units, other research activities and scientific support services are represented by charts denoting categories of staff divided into 'Staff Member', 'Postdoctoral Fellows', 'Predoctoral Fellows' and 'Other'. 'Other' includes 'Ancillaries' and 'Supernumeraries'.

Chart 11: Staff distribution in the non-scientific areas

Chart 12: Summary of research units

Chart 13: Staff nationalities in research units

Chart 14: Nationalities of all staff

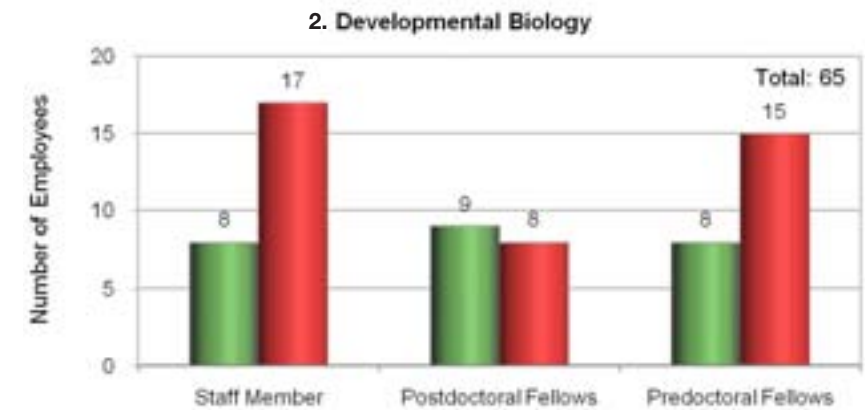
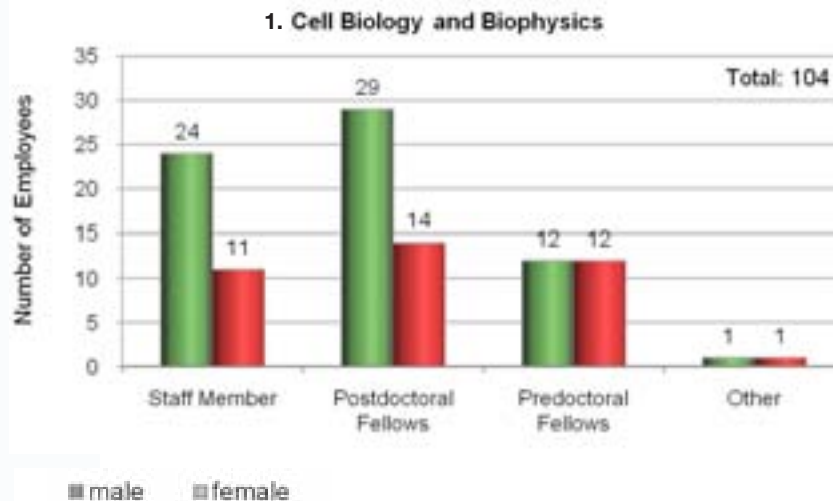
CATEGORIES OF STAFF

Staff members: Recruited internationally as well as locally. Their tenure is, in general, limited to a maximum of nine years. Open-ended contracts can only be awarded in exceptional cases.

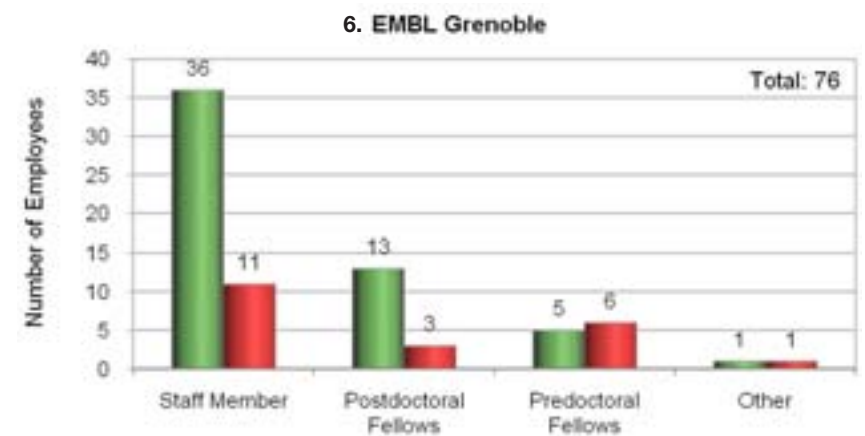
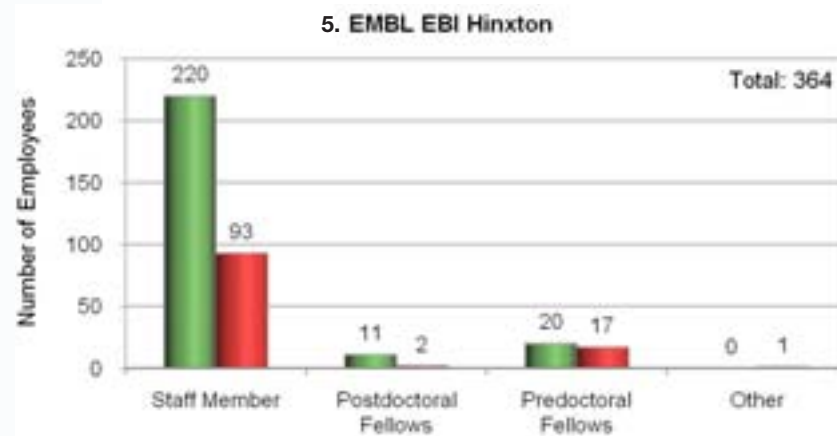
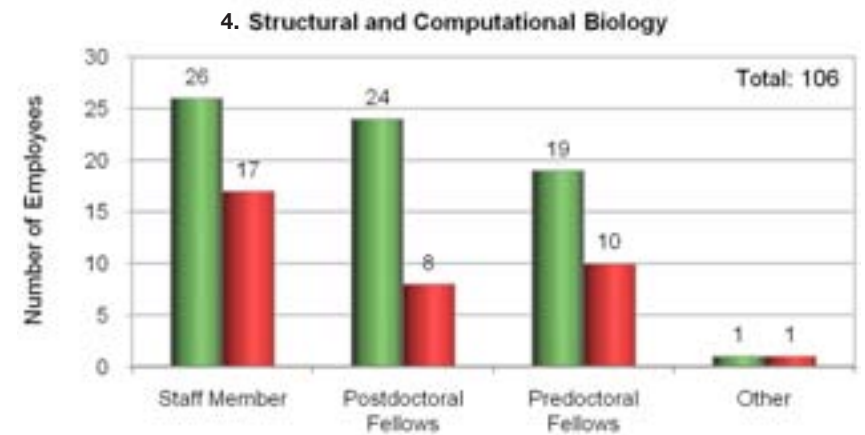
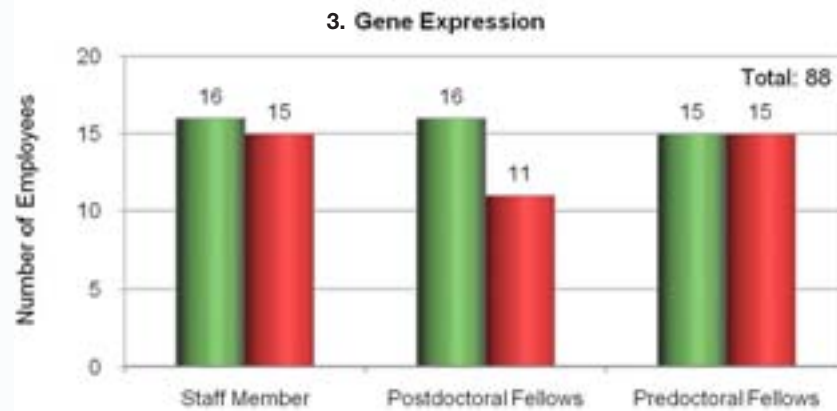
Predoctoral and postdoctoral fellows: They receive stipends either from EMBL or from external institutions.

Supernumeraries: Employed for a limited time of a maximum of one year. They are usually temporary replacements.

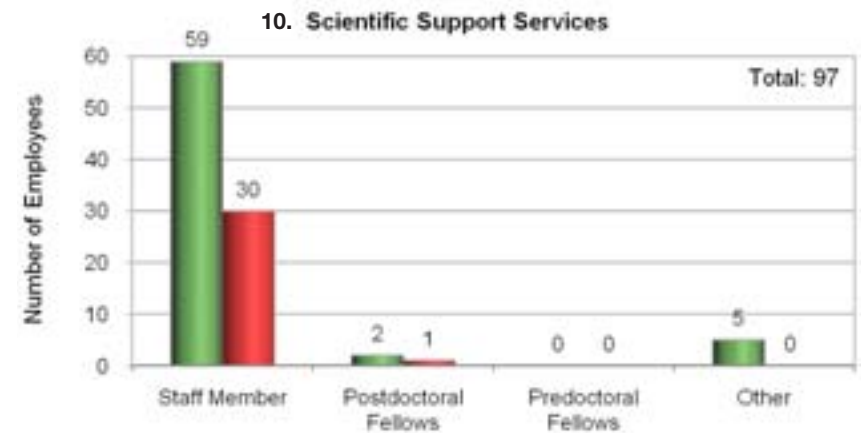
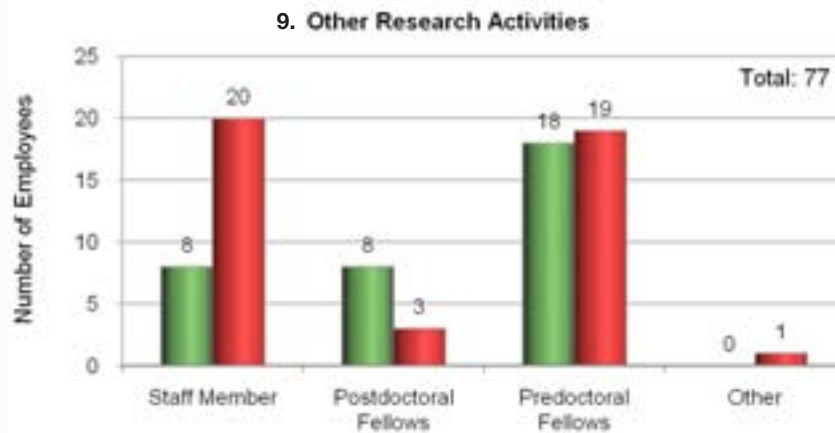
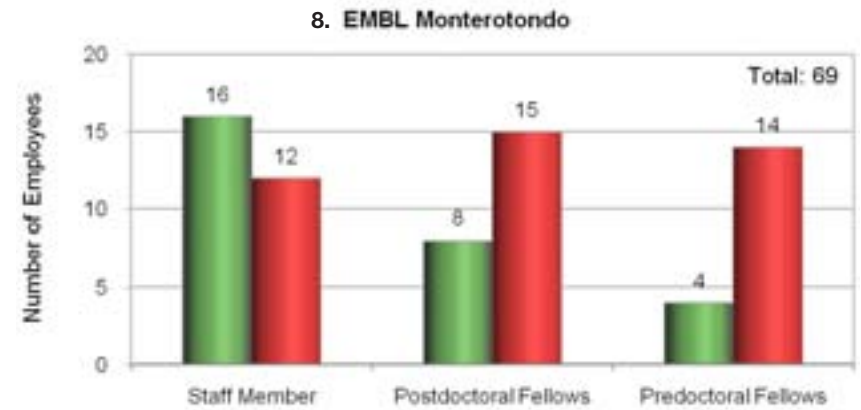
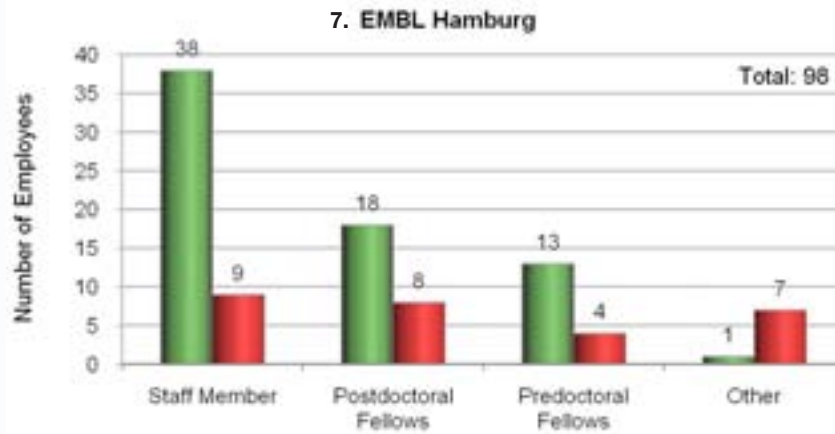
Ancillaries: Generally recruited from within the local labour market and employed to support EMBL facilities, for example housekeeping and cleaning services.



Personnel and Visitors continued



Personnel and Visitors continued

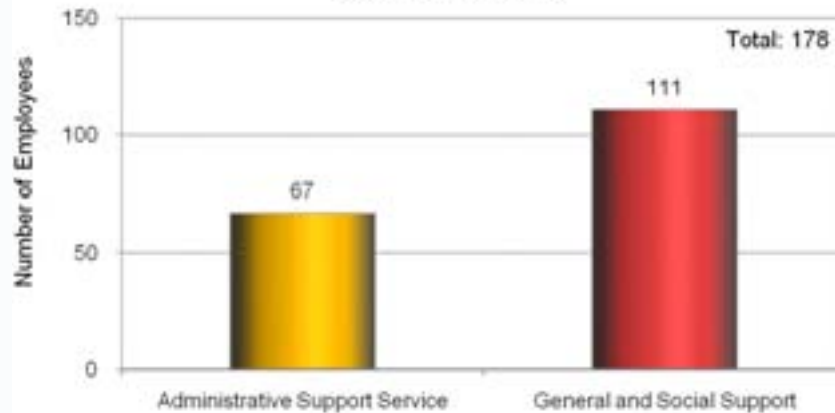


Other research activities include Directors' Research, BIOMALPAR, ANTIMAL and EICAT

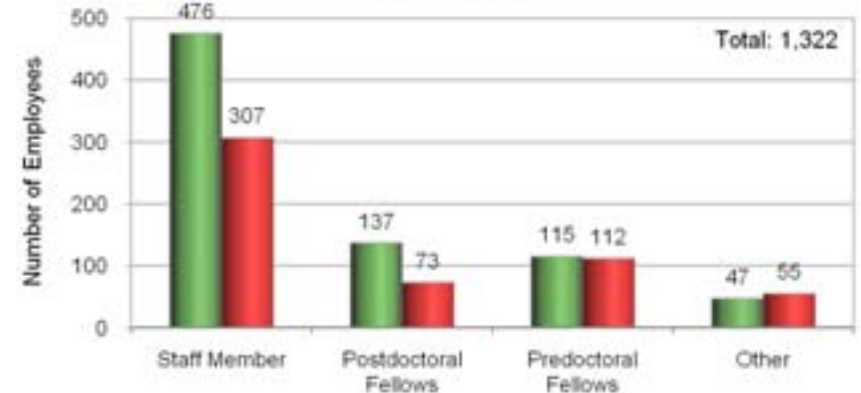
Scientific support services include Core Facilities and Laboratory Animal Resources

Personnel and Visitors continued

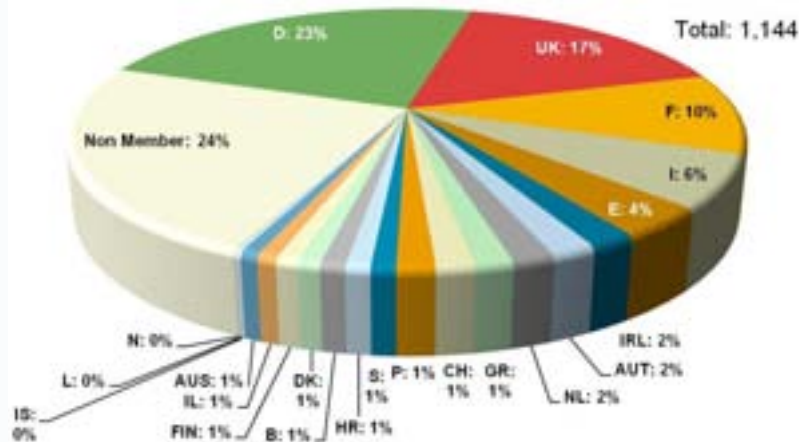
11. Non-scientific areas



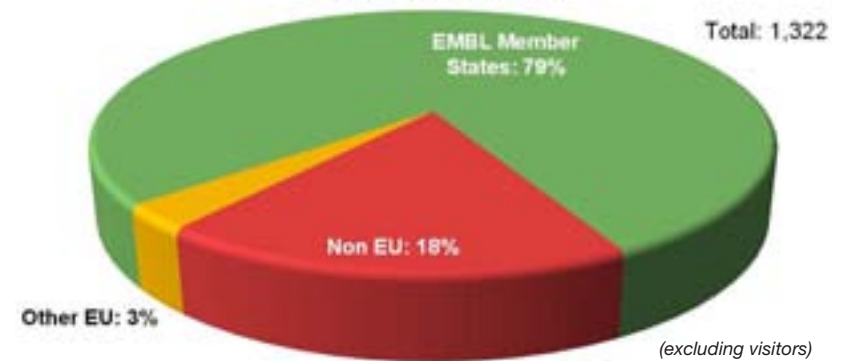
12. Research Staff



13. Nationalities Research Staff



14. Nationalities all Staff



Personnel and Visitors continued

CATEGORIES OF VISITORS

Trainees: Undergraduates from universities or professional schools who do scientific, technical or administrative training at EMBL.

Diploma Students: Undergraduates from universities or professional schools who write their diploma/masters thesis or equivalent at EMBL.

Visiting Scientists: Scientists who need training or to work on collaborative projects with an EMBL faculty member in the specialised groups of the Laboratory, who wish to use them to evaluate possibilities for their own institution, or to undertake a specific project.

Visiting PhD Students: PhD students who are not members of the EMBL International PhD Programme. Registered with an external institution, they spend less than half of the duration of their PhD at EMBL in order to benefit from technologies and methods for specific parts of their thesis.

Visiting scholars: Senior scientists who wish to be associated with a specific group or Unit or with EMBL as a whole for a period of study, reflection, writing and exposure to ongoing research.

Visitors

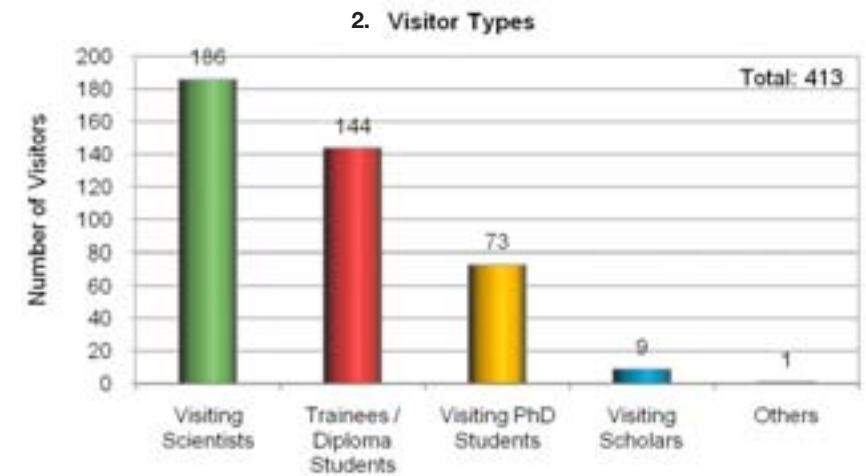
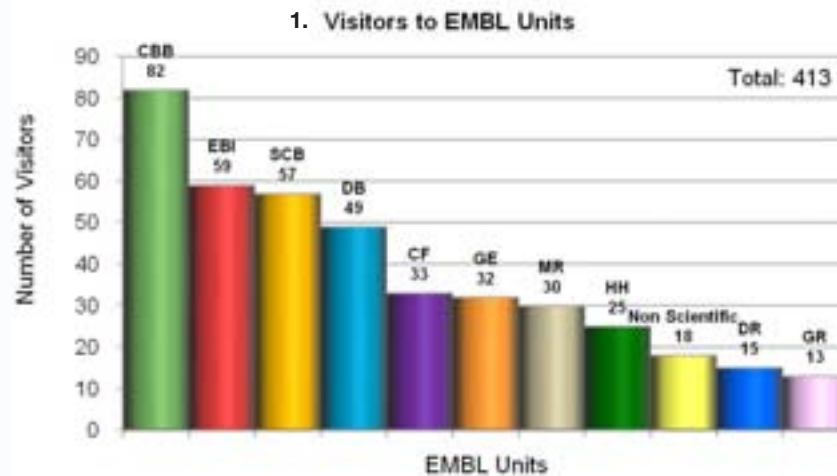
In 2008, 413 visitors came to the nine research units, the Core Facilities and administration (Chart 1) at the five EMBL sites.

Chart 2 displays the distribution of visitor types.

The large majority of visitors came from EMBL member states, followed by non-European countries (Chart 3).

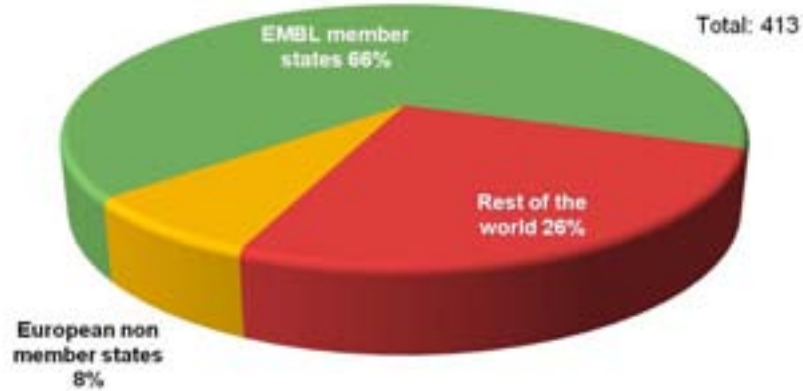
Chart 4 shows the 2008 user distribution of EMBL Grenoble.

Chart 5 shows the users of the Hamburg beamlines (the beamline was shut down from January to October 2008).

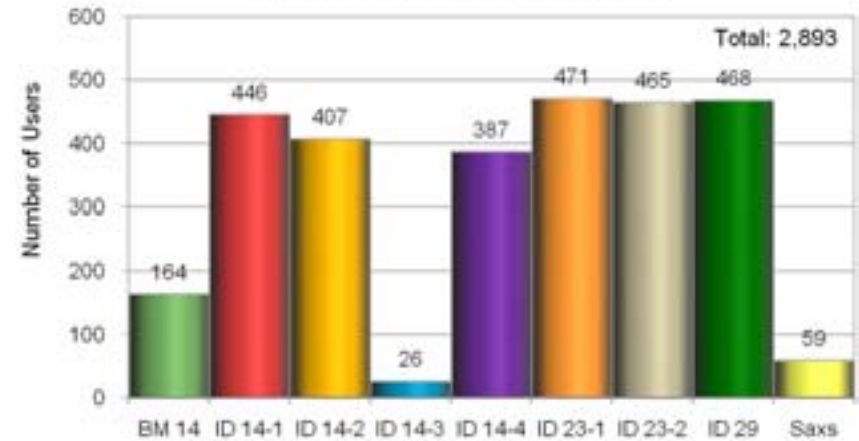


Personnel and Visitors continued

3. Visitors' Nationalities

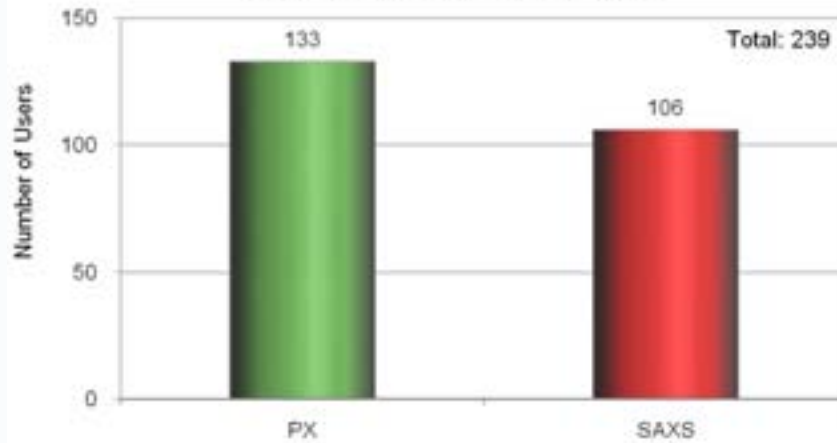


4. Beamline Users EMBL Grenoble 2008



EMBL Grenoble collaborates with the ESRF to operate beamlines ID14-ID29. The Collaborative Research Group (CRG; EMBL Grenoble and the UK Research Council (MRC)) operates the BM14 beamline.

5. Beamline Users EMBL Hamburg 2008



PX = protein crystallography SAXS = small angle X-ray scattering
 NB: the beamline was shut down between January and October 2009 due to construction works on the Petra III storage ring.

Finance

Financial data

Income 2008 in k Euro
(excluding pension contributions)
Total: € 163,195



Income 2007 in k Euro
(excluding pension contributions)
Total: € 147,185



Expenditure 2008 in k Euro
Total: € 156,298



Expenditure 2007 in k Euro
Total: € 153,117



Finance continued

Member states contributions

	Ordinary and one-off contributions				Pension contributions	
	2008		2007		2008	2007
	<i>k euro</i>	%	<i>k euro</i>	%	<i>k euro</i>	<i>k euro</i>
Austria	1,739	2.2	1,573	2.2	27	26
Belgium	2,122	2.7	1,927	2.7	33	31
Croatia	56	0.1	-	0.0	1	-
Denmark	1,356	1.7	1,226	1.7	21	20
Finland	1,085	1.4	971	1.4	17	16
France	12,724	16.0	11,286	15.9	197	185
Germany	16,441	20.6	15,543	21.9	254	255
Greece	1,683	2.1	1,041	1.5	26	17
Iceland	80	0.1	-	0.0	1	-
Ireland	949	1.2	-	0.0	15	-
Israel	694	0.9	864	1.2	10	14
Italy	10,267	12.9	9,210	13.0	159	151
The Netherlands	3,677	4.6	3,096	4.4	57	51
Norway	1,587	2.0	1,410	2.0	25	23
Portugal	973	1.2	822	1.2	15	13
Spain	6,174	7.7	4,945	7.0	95	81
Sweden	2,090	2.6	1,884	2.7	32	31
Switzerland	2,449	3.1	2,317	3.3	38	38
United Kingdom	13,625	17.1	12,731	18.0	211	209
	79,771	100.0	70,846	100.0	1,234	1,161
Ireland	-		730		-	12
Iceland	-		45		-	1
Special contribution Iceland	-		16		-	-
Croatia	-		67		-	1
Special contribution Croatia	23		23		-	-
Luxembourg	112		104		2	1
Special contribution Luxembourg	41		41		-	-
Australia associate member	3,000		-		-	-
Total contributions	82,947		71,872		1,236	1,176

In addition, one-off contributions were received as follows:

	2008	2007
	<i>k euro</i>	<i>k euro</i>
From Germany to ATC	2,642	4,062
From UK (BBSRC & MRC) to EBI	-	2,778
TOTAL	2,642	6,840

Finance continued

External funding (grants)

	2008		2007	
	<i>k euro</i>	%	<i>k euro</i>	%
BBSRC	1,457	3.9	1,244	3.4
BMBF	3,257	8.7	2,436	6.8
DFG	1,461	3.9	1,090	3.0
EU	16,893	45.1	17,124	47.5
HFSP	492	1.3	583	1.6
MRC	7	0.0	178	0.5
NIH	6,169	16.5	5,908	16.4
Novartis	299	0.8	279	0.8
Sirna	155	0.4	181	0.5
Swissprot	-	0.0	957	2.7
VW Foundation	294	0.8	241	0.7
Wellcome Trust	5,240	14.0	2,038	5.7
Others	1,709	4.6	3,805	10.6
	37,433	100.0	36,064	100.0

Other external funding

	2008		2007	
	<i>k euro</i>	%	<i>k euro</i>	%
BIOMS	258	10.0	340	70.2
Partially funded EU projects - CISB	37	1.4	46	9.5
EBI Industry programme	2,277	88.5	-	0.0
Other external funding	-	0.0	98	20.2
	2,572	100.0	484	100.0

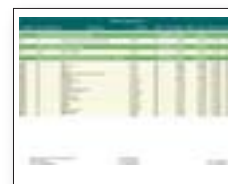
Annual accounts 2008

[Click here for a PDF of the complete accounts for 2008.](#)



Grants 2008

[Click here for pdfs of the EMBL grants \(by funding body in 2008 or by outstation\).](#)



EMBL Leadership

EMBL Council and Finance Committee on 31 December 2008

Austria

- **Annamarie Frischauf**, Delegate, Vice-Chair of Council
- **Elisabeth Tischelmayer**, Delegate

Belgium

- **Marc van Montagu**, Observer
- **Véronique Feys**, Observer

Croatia

- **Krešimir Pavelic**, Delegate
- **Vinko Purgar**, Adviser

Denmark

- **Edel Bregnbæk**, Delegate
- **Finn Cilius Nielsen**, Delegate

Finland

- **Kalervo Hiltunen**, Adviser
- **Riitta Mustonen**, Delegate
- **Eero Vuorio**, Delegate

France

- **Frédéric Dardel**, Delegate
- **Julien Galabru**, Delegate

Germany

- **Oda Keppler**, Delegate
- **Reinhard Lührmann**, Delegate
- **Paula Heppner**, Adviser

Greece

- **Charalambos Savakis**, Delegate, Chair of Council
- **Theodore Fotsis**, Delegate

Iceland

- **Hjördis Hendriksdottir**, Delegate
- **Eiríkur Steingrímsson**, Delegate
- **Katrin Valgeirsdottir**, Adviser

Ireland

- **Fergal Cullen**, Delegate
- **Stephen Simpson**, Delegate
- **Graham Love**, Adviser

Israel

- **Mahmoud Taya**, Delegate

Italy

- **Glauco P. Tocchini-Valentini**, Delegate
- **Antonino Cianca**, Adviser

Luxembourg

- **Josiane Entringer**, Delegate

The Netherlands

- **Peter J. Weisbeek**, Delegate
- **Jeannette Ridder-Numan**, Delegate, Vice-Chair of Finance Committee

Norway

- **Anders Sundan**, Delegate
- **Kjersti Sletholt**, Delegate

Portugal

- **Maria José Almeida**, Delegate (Finance Committee), Adviser (Council)
- **Maria Carmo-Fonseca**, Delegate
- **Cláudio Sunkel**, Delegate

EMBL Council is composed of delegates from all 20 member states of the Laboratory. Each member state is represented by up to two delegates, who may be accompanied by advisers. EMBL Council meets regularly twice a year and has occasional extraordinary meetings.

One of the main responsibilities of EMBL Council is to ensure that the financial requirements set up on the establishment of EMBL are met, and the site agreements with host member states are observed. The Finance Committee assists the Council in the financial management and governance of EMBL.

Spain

- **Cristina Espa Felip**, Adviser
- **Juan Modolell Mainou**, Delegate, Vice-Chair of Council

Sweden

- **Brita Beije**, Delegate
- **Dick Heinegård**, Delegate

Switzerland

- **Isabella Beretta**, Delegate
- **Rolf Zeller**, Delegate

United Kingdom

- **Mark Palmer**, Delegate
- **Nigel Watts**, Delegate, Chair of Finance Committee

Associate member: Australia

- **Jessie Borthwick**, Observer (alternate delegate)
- **Katharine Campbell**, Observer (primary delegate) (From 06.08.2008)
- **Edwina Cornish**, Observer

Scientific Advisory Committee

The Scientific Advisory Committee gives advice to Council, in particular with regard to proposals from the Director General on the realisation of the programme of the Laboratory. It is composed of distinguished scientists in their own right, not as representatives of member states.

<i>Member</i>	<i>Country</i>	<i>Terms</i>
G. Almouzni	Paris (FR)	(2005-2007, 2008-2010)
S. Andersson	Uppsala (SE)	(2007-2009)
K. Basler	Zurich (CH)	(2007-2009)
R. Di Lauro	Napoli (IT)	(2005-2007, 2008-2010)
C. Guthrie	San Francisco (US)	(2003-2005, 2006-2008)
H. Jäckle	Göttingen (DE)	(2004-2006, 2007-2009)
H. Kitano	Tokyo (JP)	(2006-2008)
W. Kühnbrandt – Vice Chair	Frankfurt (DE)	(2004-2006, 2007-2009)
A. Murray	Harvard (US)	(2008-2010)
P. Nurse - Chair	New York (US)	(2003-2005, 2006-2008)
H. Saibil	London (UK)	(2007-2009)
S. Schmid	La Jolla (US)	(2008-2010)
T. Sixma	Amsterdam (NL)	(2007-2009)
A. Tramontano	Rome (IT)	(2006-2008)
A. Valencia	Madrid (ES)	(2007-2009)

Bioinformatics Advisory Committee

The Bioinformatics Advisory Committee gives advice to EMBL-EBI on scientific strategy, future directions and proposals on the realisation of its programme. It is composed of distinguished scientists in their own right, not as representatives of member states. Membership of the Committee is drawn from experts in the field of bioinformatics and other relevant scientific disciplines. Some are also members of EMBL's scientific advisory committee and data resources advisory boards.

<i>Member</i>	<i>Institute</i>
Anna Tramontano (Chairman)	University of Rome "La Sapienza"
Rob Cooke	GlaxoSmithKline (also on the SABs for the Macromolecular Structure Database (MSD) and Protein Information Management System (PIMS))
John Sulston	Wellcome Trust Sanger Institute
Martin Vingron	Max Planck Institute of Molecular Genetics (also Chairman of Array Express SAB)
Gunnar von Heijne	Stockholm University

Hamburg Priorities Committee

The Hamburg Priorities Committee evaluates project proposals for beamline access in macromolecular crystallography, small angle X-ray scattering and X-ray absorption spectroscopy.

<i>Member</i>	<i>Institute</i>
Maria-Armenia Carrondo	ITQB, Oeiras (PT)
Bauke Dijkstra	University of Groningen (NL)
Ralf Ficner	University of Göttingen (DE)
Mariusz Jaskolski	Polish Academy of Sciences, Poznan (PL)
Andrew Leslie	MRC Cambridge (UK)
Dino Moras (Chair)	IGBMC, Illkirch (FR)
Gunter Schneider	Karolinska Institute, Stockholm (SE)
Ritva Serimaa	Vikii Centre, University of Helsinki (FI)
Poul Nissen	University of Aarhus, Denmark
Patrice Vachette	University Paris-Sud, Orsay (FR)

EMBL Directorate

Prof. Iain W. Mattaj, Director General

Dr. Bernd-Uwe Jahn, Administrative Director

Prof. Matthias Hentze, Associate Director

Dr. Christian Boulton, Coordinator of Core Facilities and Services

Dr. Silke Schumacher, Coordinator International Relations and Communications

EMBL Leadership *continued*

Heads of Units/Senior Scientists

	<i>Title</i>	<i>Primary appointment</i>	<i>Joint appointment</i>
Peer Bork	Joint Head of Unit	Structural & Computational Biology	
Christian Boulin	Coordinator of Core Facilities and Services	Scientific Services & Core Facilities	
Graham Cameron	Associate Director of EMBL-EBI	EMBL-EBI	
Stephen Cusack	Head of Unit	EMBL Grenoble	Gene Expression
Jan Ellenberg	Head of Unit	Gene Expression	
Anne Ephrussi	Head of Unit / EICAT Coordinator	Developmental Biology	
Matthias Hentze	Associate Director of EMBL	Directors' Research	Molecular Medicine Partnership Unit
Eric Karsenti	Head of Unit	Cell Biology & Biophysics	
Iain Mattaj	Director General	Directors' Research	
Christoph Müller	Joint Head of Unit	Structural & Computational Biology	Gene Expression
Nadia Rosenthal	Head of Unit	EMBL Monterotondo	Developmental Biology
Janet Thornton	Director of EMBL-EBI	EMBL-EBI	
Matthias Wilmanns	Head of Unit	EMBL Hamburg	

Senior Scientists

	<i>Primary Appointment</i>	<i>Joint Appointment</i>
Rolf Apweiler	EMBL-EBI	
Detlev Arendt	Developmental Biology	
Ewan Birney	EMBL-EBI	
Alvis Brazma	EMBL-EBI	
Cornelius Gross	EMBL Monterotondo	Developmental Biology
Victor Lamzin	EMBL Hamburg	
Carsten Schultz	Cell Biology and Biophysics	
Dietrich Suck	Structural and Computational Biology	
Walter Witke	EMBL Monterotondo	Cell Biology & Biophysics

Heads of Units participate in the collegial leadership of EMBL and play a critical role in the research direction of their unit. They lead a research group, mentor younger faculty members and ensure the maintenance of world class standards of research throughout their unit.

Senior Scientists are a select group, with important statutory responsibilities for advising the Director General on faculty appointments and promotions. They also provide collective advice to the Director General and the heads of units on matters with significant impact on the scientific life of the Laboratory.

EMBL Leadership *continued*

Faculty on 31 December 2008

	<i>Position</i>	<i>Primary appointment</i>	<i>Joint appointment</i>
Asifa Akhtar	Group Leader	Gene Expression	
Claude Antony	Team Leader	Core Facilities	Cell Biology & Biophysics
Imre Berger	Group Leader	Grenoble	Gene Expression
Christiane Schaffitzel	Team Leader	Grenoble	
Paul Bertone	Group Leader	EBI Hinxton	Gene Expression, Developmental Biology
Bettina Böttcher	Group Leader	Structural & Computational Biology	
John Briggs	Group Leader	Structural & Computational Biology	
Damian Brunner	Group Leader	Cell Biology & Biophysics	Developmental Biology
Teresa Carlomagno	Group Leader	Structural & Computational Biology	Gene Expression
Florent Cipriani	Team Leader	Grenoble	
Stefano De Renzis	Group Leader	Developmental Biology	
Anton Enright	Group Leader	EBI Hinxton	
Stefan Fiedler	Team Leader	Hamburg	
Paul Flicek	Team Leader	EBI Hinxton	
Eileen Furlong	Group Leader	Developmental Biology	
Anne-Claude Gavin	Group Leader	Structural & Computational Biology	
Toby Gibson	Team Leader	Structural & Computational Biology	
Darren Gilmour	Group Leader	Cell Biology & Biophysics	Developmental Biology
Nick Goldman	Group Leader	EBI Hinxton	
Gareth Griffiths	Group Leader	Cell Biology & Biophysics	
Christian Haering	Group Leader	Cell Biology & Biophysics	
Darren Hart	Team Leader	Grenoble	

Members of the **Faculty** are scientists who lead research groups or the equivalent: unit coordinators, group leaders and team leaders, as well as visiting scientists in a group leader position.

Many group leaders have joint appointments with other units to promote interdisciplinary research and to enhance exchange of information, tools and techniques.

EMBL Leadership *continued*

	<i>Position</i>	<i>Primary appointment</i>	<i>Joint appointment</i>
Marcus Heisler	Group Leader	Developmental Biology	
Kim Henrick	Team Leader	EBI Hinxton	
Paul Heppenstall	Group Leader	Monterotondo	
Christoph Hermes	Group Leader	Hamburg	
Henning Hermjakob	Team Leader	EBI Hinxton	
Wolfgang Huber	Group Leader	EBI Hinxton	Gene Expression
Lars Hufnagel	Group Leader	Cell Biology & Biophysics	Developmental Biology
Sarah Hunter	Team Leader	EBI Hinxton	
Marko Kaksonen	Group Leader	Cell Biology & Biophysics	
Paul Kersey	Team Leader	EBI Hinxton	
Michael Knop	Group Leader	Cell Biology & Biophysics	
Maja Köhn	Group Leader	Gene Expression	
Jan Korbelt	Group Leader	Gene Expression	EBI Hinxton
Jeroen Krijgsveld	Team Leader	Gene Expression	
Andreas Ladurner	Group Leader	Gene Expression	Structural & Computational Biology
Nicolas Le Novère	Group Leader	EBI Hinxton	Monterotondo
Edward Lemke	Group Leader	Structural & Computational Biology	Cell Biology & Biophysics
Rodrigo Lopez-Serrano	Team Leader	EBI Hinxton	
Nicholas Luscombe	Group Leader	EBI Hinxton	Gene Expression
José Antonio Márquez	Team Leader	Grenoble	
Andrew McCarthy	Team Leader	Grenoble	
Wolfram Meyer-Klaucke	Team Leader	Hamburg	
Liliana Minichiello	Group Leader	Monterotondo	Developmental Biology
Jürg Müller	Group Leader	Gene Expression	Developmental Biology
Jochen Müller-Dieckmann	Team Leader	Hamburg	

EMBL Leadership *continued*

	<i>Position</i>	<i>Primary appointment</i>	<i>Joint appointment</i>
François Nédélec	Group Leader	Cell Biology & Biophysics	Structural & Computational Biology
Claus Nerlov	Group Leader	Monterotondo	Gene Expression
Carl Neumann	Group Leader	Developmental Biology	
Dónal O'Carroll	Group Leader	Monterotondo	Developmental Biology
Daniel Panne	Group Leader	Grenoble	Gene Expression
Rainer Pepperkok	Team Leader	Cell Biology & Biophysics	Core Facilities
Francesca Peri	Group Leader	Developmental Biology	
Ramesh Pillai	Group Leader	Grenoble	Gene Expression
Dietrich Rebholz-Schuhmann	Group Leader	EBI Hinxton	
Peter Rice	Team Leader	EBI Hinxton	
Robert Russell	Group Leader	Structural & Computational Biology	EBI Hinxton
Klaus Scheffzek	Team Leader	Structural & Computational Biology	Developmental Biology
Reinhard Schneider	Team Leader	Structural & Computational Biology	
Thomas Schneider	Group Leader	Hamburg	
François Spitz	Group Leader	Developmental Biology	Monterotondo
Christoph Steinbeck	Team Leader	EBI Hinxton	
Lars Steinmetz	Group Leader	Gene Expression	
Ernst Stelzer	Group Leader	Cell Biology & Biophysics	
Peter Stoehr	Group Leader	EBI Hinxton	
Thomas Surrey	Group Leader	Cell Biology & Biophysics	
Dmitri Svergun	Group Leader	Hamburg	
Mathias Treier	Group Leader	Developmental Biology	Monterotondo
Paul Tucker	Group Leader	Hamburg	
Manfred Weiss	Team Leader	Hamburg	
Matthias Wilm	Group Leader	Gene Expression	



Intellectual Property

In 2008, 44 invention disclosures were submitted as follows: Cell Biology and Cell Biophysics (9), Developmental Biology (8), Gene Expression (4), Structural and Computational Biology (14), Core Facilities (5), Additional Research Activities (1), Interdisciplinary (3).

12 patent applications were applied for in 2008 with the following breakdown according to Research Programmes: Cell Biology and Cell Biophysics (1), Structural and Computational Biology (5), Core Facilities (3), Additional Research Activities (2), Interdisciplinary (1).

Additionally, 3 software inventions were protected by copyrights during 2008.

10 patents were granted during the period.

Granted patents in 2008

<i>Patent number</i>	<i>Title</i>	<i>Granting date</i>	<i>Inventors</i>
EP 1 189 240	Multiple local probe measuring device and method	23.01.2008	Stephan Altmann, Heinrich Hörber
JP 4095895	RNA interference mediating small RNA molecules	07.02.2008	Thomas Tuschl, Sayda Elbashir, Winfried Lendeckel, Matthias Wilm, Reinhard Lührmann
MX 252928	Methods and compositions for directed cloning and subcloning using homologous recombination	01.04.2008	Francis Stewart, Youming Zhang, Joep Pieter Muyers
EP 1 183 360	Modified cytokine for its stabilisation	03.04.2008	Helena Domingues, Hartmut Oschkinat, Luis SerranoJoerg Peters
IL 147385	Methods and compositions for directed cloning and subcloning using homologous recombination	07.04.2008	Francis Stewart, Youming Zhang, Joep Pieter Muyers
RU 2322500	RNA interference mediating small RNA molecules	20.04.2008	Thomas Tuschl, Sayda Elbashir, Winfried Lendeckel, Matthias Wilm, Reinhard Lührmann
MX 257426	RNA interference mediating small RNA molecules	28.05.2008	Thomas Tuschl, Sayda Elbashir, Winfried Lendeckel, Matthias Wilm, Reinhard Lührmann
JP 4139561	Novel DNA cloning method	13.06.2008	Francis Stewart, Youming Zhang, Frank Buchholz
CN 03813353.9	Method for producing monoclonal antibodies	16.07.2008	Alan Sawyer, Wilhelm Ansorge, Frederico De Masi, Heike Wilhelm
EP 1 654 069	Centrifuge and support for use in a centrifuge	15.10.2008	Jürgen Zimmermann, Christian Boulin, Vladimir Benes, Leo Burger

EMBL International PhD Programme

PhD theses 2008

Founded in 1983, the EMBL International PhD Programme has established itself as a reference in international graduate education in the life sciences and is a centrepiece of EMBL's training activities. In 2008, the student body comprised 188 students from 36 countries.

In 2008, the following students defended their theses:

<i>Student</i>	<i>Thesis title</i>	<i>Awarding university</i>
Sylvia Badurek	Analysis of the role of the neurotrophin receptor TrkB in GABAergic neurons and Potential downstream effectors of TrkB: Phenotypical analysis of mice deficient in the immediate early genes pip92 and ier5	Ruprecht-Karls-University of Heidelberg and EMBL
Peter Bieling	Reverse Engineering the dynamic MAP – Microtubule Interface	Ruprecht-Karls-University of Heidelberg and EMBL
Natascha Bushati	Determination of a general mode of microRNA action and functional characterisation of specific mircoRNAs in <i>Drosophila melanogaster</i>	University of Vienna
Lorenzo Corsini	On the role of UHM domains in splicing	Frankfurt University
Maria Ermolaeva	Analysis of the physiological function of TNF Receptor I Associated Death Domain Protein (TRADD) and Familial Cylindromatosis Protein (CYLD) by using conditional gene targeting in mice	Ruprecht-Karls-University of Heidelberg and EMBL
Andrea Giordano	Cell-permeant fluorescently labelled peptides	Ruprecht-Karls-University of Heidelberg and EMBL
Anne-Marie Glynn	Cryo-electron tomography of frozen-hydrated sections of supramolecular complexes in Chinese Hamster ovary cells	University of Dundee and EMBL
Marina Granovskaya	Genome-wide characterization of the complex transcriptome architecture of <i>S. cerevisiae</i> with tiling arrays	Ruprecht-Karls-University of Heidelberg and EMBL
Keren Guy	Development and molecular characterization of adult and larval eyes in <i>Platynereis dumerilii</i> (Polychaeta, Annelida, Lophotrochozoa)	Ruprecht-Karls-University of Heidelberg and EMBL

EMBL International PhD Programme continued

Student	Thesis title	Awarding university
Johan Hattne	Pattern recognition and automated modelling of polynucleotides in macromolecular crystallography	University of Copenhagen
Michael Hoffman	Quantifying evolution and natural selection in vertebrate noncoding sequence	University of Cambridge
Helena Jambor	Characterisation of oskar 3'UTR RNA domains involved in early RNA localisation and translational repression	Ruprecht-Karls-University of Heidelberg and EMBL
Sara Kangaspeska	Transient methylation of promoter DNA-DNA methylation and demethylation in ERA-mediated transcription	Ruprecht-Karls-University of Heidelberg and EMBL
Jop Kind	Targeting the dosage compensation complex to the male X chromosome of <i>Drosophila melanogaster</i>	Radboud University Nijmegen and EMBL
Paschalis Kratsios	Notch & NF- κ B signals at the heart of development and disease	University of Crete and EMBL
Iva Kronja	Discrete interactions among microtubule-associated proteins govern interphase and mitotic microtubule dynamics in <i>Xenopus</i> egg extracts	Ruprecht-Karls-University of Heidelberg and EMBL
Georg Kustatscher	macroH2A – A human histone variant with affinity for NAD metabolites	Ruprecht-Karls-University of Heidelberg and EMBL
Marzia Massimi	Characterization of Profilin2 complexes in the mouse	Ruprecht-Karls-University of Heidelberg and EMBL
Olivier Mirabeau	Searching for novel peptide hormones in the genome	University of Montpellier
Jeanne Moriniere	Etude structurale et fonctionnelle des bromodomaines de Brdt	University of Grenoble
Lindsay Murrells	Microtubule-associated proteins in fission yeast	Ruprecht-Karls-University of Heidelberg and EMBL
Efstratios Mylonas	Application of Small Angle Scattering for the structural characterisation of flexible and interacting systems	Ruprecht-Karls-University of Heidelberg and EMBL
Pavel Natalin	Post-transcriptional gene regulation in <i>Drosophila</i> : an investigation into the roles of RNA silencing and the DEAD-box helicase Belle	Ruprecht-Karls-University of Heidelberg and EMBL

EMBL International PhD Programme continued

<i>Student</i>	<i>Thesis title</i>	<i>Awarding university</i>
Melina Schuh	Analysis of the mechanism of spindle assembly and asymmetric spindle positioning during meiotic maturation of mouse oocytes	Ruprecht-Karls-University of Heidelberg and EMBL
Katarzyna Oktaba Sosin	Searching for novel Polycomb target genes in <i>Drosophila melanogaster</i>	Ruprecht-Karls-University of Heidelberg and EMBL
Ricardo Pires	Structural and functional studies of ALIX	University of Grenoble and EMBL
Denis Ptchelkine	Structural studies of RNA Polymerase III specific subcomplex C82/C34/C31 and plant transcription factor LEAFY	University Joseph Fourier Grenoble and EMBL
Helio Roque	A closer look at <i>Schizosaccharomyces pombe</i> interphase microtubule arrays	Ruprecht-Karls-University of Heidelberg and EMBL
Marcel Souren	Global survey strategies to study the genetic regulation of proliferation and differentiation in retinal progenitor cells	Ruprecht-Karls-University of Heidelberg and EMBL
Joern Toedling	Comprehensive analysis of high-throughput experiments for investigating	transcription and transcriptional regulation
Raju Tomer	The evolution of mushroom body and telencephalic cell types, studied by single cell expression profiling of <i>Platynereis dumerilii</i> larvae	Ruprecht-Karls-University of Heidelberg and EMBL
Matthieu Pichaud	Protein complexes structure prediction by combination of binary interactions derived by homology	Ruprecht-Karls-University of Heidelberg and EMBL
Thomas Portmann	The role of the tumor suppressor gene Men1 in development and disease	Ruprecht-Karls-University of Heidelberg and EMBL
Marianne Uteng	Dynamics of the molecular motor, Eg5	University of Oslo and EMBL
Stefan Welti	Biochemical characterization of the Sec14-PH module from the Neurofibromatosis Type I protein	Ruprecht-Karls-University of Heidelberg and EMBL

Collaborations

External collaborations are joint research projects between EMBL group leaders or group members and at least one external institution or collaborator. They offer the opportunity to conduct interdisciplinary research and to benefit from a broad spectrum of scientific know-how and technical expertise.

In 2008, there were 1,104 ongoing collaborations at EMBL, 87 of which led to publications. [Click here for a PDF of these publications.](#)



Events

Courses focus on practical experiments combined with talks on a specific scientific topic. Due to their nature of hands-on training, they only have 15-20 participants.

Workshops and conferences combine talks with scientific poster sessions to allow knowledge exchange. They have between 120 (workshops) and 300 (conferences) participants.

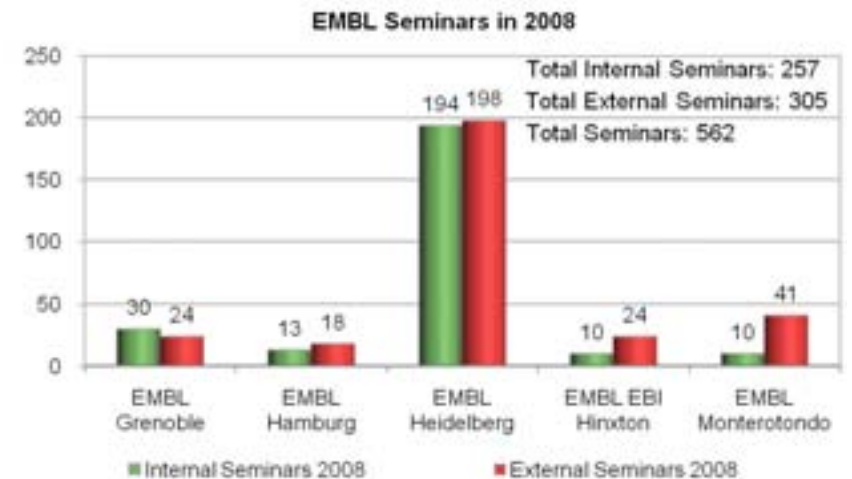
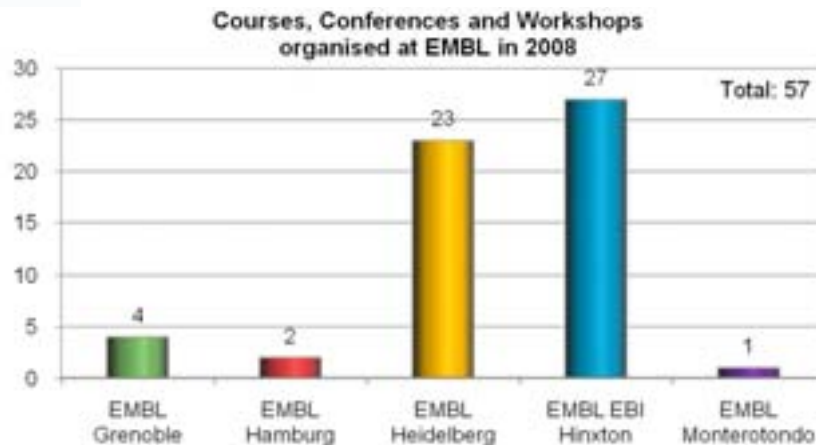
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