



LSHG-CT-2005-005283

PRIME

**Priorities for mouse functional genomics research across Europe:
integrating and strengthening research in Europe**

Instrument: Coordination Action

Thematic Priority: Life sciences, genomics and biotechnology for health

**Deliverable No. 01
WP2, 3, 4, 5, & 6
Report members selected for advisory group**

Due date of deliverable: Month 10
Actual submission date: 1st reporting period

Start date of project: 01 March 2006

Duration: 3 Years

Project co-funded by the European Commission within the Sixth Framework Programme (2002-2006)		
Dissemination Level		
PU	Public	√
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

PRIME

Deliverable No. 1: Members selected for advisory groups

Workpackage 2: Policy Group

The aims of forming the Policy Group were to:

- Identify key European policy makers in the area of mouse functional genomics research.
- Set up a Policy Group to review the results of the benchmarking exercise and discuss national research priorities in collaboration with the Science Advisory Group.
- Discuss sources and methods of national research funding and possibilities for convergence.

It has proved difficult to identify more than a few key players. The SAG thought that it would be better to keep interactions with these policy makers at the national level. For example, MRC has invited the directors and lead officials of each of its governing boards to a half day meeting at Harwell, where we presented the aims of the big European mouse functional genomics project (EMMA, EUCOMM, EUMODIC) and discussed our strategy for maintaining a European mouse clinic at Harwell. Discussions covered ways to provide national funding and the importance of upfront funding from the European Commission to establish these large projects and international consortia.

A conference was hosted by the European Commission in December 2004 titled: Funding basic research in the life sciences: exploring opportunities for the European synergies. Key policy makers and scientists were gathered. It was hoped that PRIME would present at a follow-up to this meeting, but the meeting has yet to be repeated. A similar forum will be established under EuroBioForum in Helsinki in December 2006. The members of PRIME have applied to attend this meeting.

Workpackage 3: Science Advisory Group

The aims of the science advisory group are to:

- Identify key European researchers in the area of mouse functional genomics research.
- Set up a Science Advisory Group to review the results of the benchmarking exercise and discuss national research priorities in collaboration with the Policy Group.
- Set up communality of research currency by identifying areas for coordination of research and resources.

The members of this group are:

Name	Institute	Country
Steve Brown	MRC, Harwell	UK
Johan Auwerx	ICS, Strasbourg	France
Phil Avner	Institut Pasteur, Paris	France
Andrea Ballabio	TIGEM, Naples	Italy
Rudi Balling	HZI, Braunschweig	Germany
Mariano Barbacid	CNIO, Madrid	Spain
Anton Berns	NKI, Amsterdam	The Netherlands
Allan Bradley	The Wellcome Trust Sanger Institute, Cambridge	UK
Pierre Chambon	ICS, Strasbourg	France
Denis Duboule	UNIGE, Geneva	Switzerland
Martin Hrabé de Angelis	GSF, Munich	Germany
Ian Jackson	MRC Human Genetics Unit, Edinburgh	UK
Nadia Rosenthal	EMBL, Monterotondo	Italy
Paul Schofield	University of Cambridge	UK
Glauco Tocchini-Valentini	CNR, Monterotondo	Italy
Björn Vennström	Karolinska Institute, Stockholm	Sweden
Erwin Wagner	IMP, Vienna	Austria
Walter Wahli	University of Lausanne	Switzerland
Wolfgang Wurst	GSF, Munich	Germany

Workpackage 4: Ethical Committee

The SAG recognises the importance of ethical issues in mouse research. As such it was decided to keep the business of the Ethical Committee within the remit of the SAG, rather than devolve it to a sub-working group. All members could then contribute and keep up to date with issues. Individual members of the SAG have also contributed to ethical working groups such as:

- EMBO workshop, Animals in scientific research meeting, 18-19th March 2005, CNIO, Madrid. Attended by Steve Brown, Johan Auwerx, Glauco Tocchini Valentini, Martin Hrabé de Angelis and Wolfgang Wurst. Resulting in the publication Revision of the EC directive on the welfare of research animals: An advance briefing, 2005, European Molecular Biology Organization; www.embo.org
- Scand-LAS Meeting 2006, Helsingor, Denmark 7th - 9th April 2006, Steve Brown
- COST Action B24: laboratory animal science and welfare

Members report back these activities to the SAG.

Workpackage 5: Training Management Group

The aims of forming this advisory group were to:

- Identify scientists expert in diverse aspects of mouse functional genomics to join the training management group
- Identify the need for training in mouse functional genomics and possible sources of funding.
- Identify institutes able to offer training and design courses. Seek sources of funding for these courses.

Early in the project, the SAG recognised that a key area in mouse functional genomics that required trained specialists was the area of mouse pathology. A group of experts in the field of mouse pathology was set up to address this issue. Members are:

Name	Institute	Country
Paul Schofield (Chairman)	University of Cambridge	UK
Laurence Fiette	University of Geneva	Switzerland
Björn Rozell	Karolinska Institute	Sweden
Madhuri Warren	Wellcome Trust Sanger Institute	UK
Marcello Raspa	CNR	Italy
Marco Breuer	Netherlands Cancer Institute	Netherlands
Pierre Dubus	University of Bordeaux	France Germany
Leticia Quintanilla-Fend	GSF	
Hilary Gates (PRIME Secretariat)	MRC Harwell	UK
Mandy Studley (PRIME Secretariat)	MRC Harwell	UK

Workpackage 6: Expert Group on Improved resources

The aims of forming this group were to:

- Establish an expert group of bioinformaticians will be formed to meet in the first year of the project.
- Establish a new consortium or consortia to develop a coherent strategy for the maintenance and sustainability of essential European database resources for functional genomics research.

The *expert group of bioinformaticians* is:

Name	Institute	Country
Paul Schofield (Chairman)	University of Cambridge	UK
John Hancock	MRC Harwell	UK
Christoph Lengger	GSF	Germany
Michael Hagn	GSF	Germany
Jens Hansen	GSF	Germany
Laurent Vasseur	ICS	France
Vassilis Aidinis	BSRC Alexander Fleming	Greece
Claus Nervov	EMBL	Italy
Werner Müller	GBF	Germany
Duncan Davidson	MRC HGU	UK
Eli Reuveni	EMBL	Italy
Raffaele Matteoni	CNR	Italy
Elia Stupka	TIGEM	Italy
Hilary Gates (PRIME secretariat)	MRC Harwell	UK
Mandy Studley (PRIME secretariat)	MRC Harwell	UK

EuroPhenome database working group

In addition a working group (EuroPhenome database working group) has been established to specifically address issues of European phenome databases. Current membership is:

Name	Institute	Country
Christoph Lengger	GSF	Germany
Holger Maier		
Eli Reuveni	EMBL	Italy
Laurent Vasseur	ICS	France
Sophie LeBlanc		
John Hancock	MRC MGU, Harwell	UK
Ann-Marie Mallon		
Simon Greenaway		
Andy Blake		

Name	Institute	Country
Chris Duran		
Hilary Gates (PRIME secretariat)		
Mandy Studley (PRIME secretariat)		
Alison Walling	MLC, Harwell	UK
Joe Wood		
Niels Adams	The Wellcome Trust Sanger Institute	UK
David Melvin		

International Phenome working group members

PRIME has been keen to work within the wider international field of mouse functional genomics and so has set up the International Phenome working group, which comprises of representatives from the main mouse phenome initiatives in the USA, Australia, Japan and Europe.

Database	Name	Institute	Country
Mouse Genome Informatics	Janan Eppig	The Jackson Laboratory	USA
Mouse Genome Informatics; Gene Ontology consortium	Judith Blake	The Jackson Laboratory	USA
Mouse Phenome Database	Molly Bogue	The Jackson Laboratory	USA
Mutrack	Elissa Chesler	Oak Ridge National Laboratory	USA
	Tetsuro Toyoda	RIKEN GSC	Japan
	Hiroshi Masuya	RIKEN GSC	Japan
	Shigehara Wakana	RIKEN GSC	Japan
FlyBase	Michael Ashburner	University of Cambridge	UK
	Georgios Gkoutos	University of Cambridge	UK
PathBase	Paul Schofield	University of Cambridge	UK
	Aadya Shukla	University of Oxford	UK
	Werner Müller	Helmholtz Centre for Infection Research	Germany

Database	Name	Institute	Country
	Christoph Lengger	GSF	Germany
	Laurent Vasseur	ICS	France
PhenoStat	Eli Reuveni	EMBL	Italy
MUGEN	Helen Parkinson	EBI	UK
	Glenn Proctor	EBI	UK
EurExpress	Duncan Davidson	MRC HGU	UK
	John Hancock	MRC MGU	UK
	Simon Greenaway	MRC MGU	UK
	Andrew Blake	MRC MGU	UK
	Ann-Marie Mallon	MRC MGU	UK
	Steve Brown	MRC MGU	UK
PRIME secretariat	Hilary Gates	MRC MGU	UK
PRIME secretariat	Mandy Studley	MRC MGU	UK