in Biotechnology and Life Sciences

Welcome

Aims of the Network

- Help the Members develop their research programs through networking and improved funding opportunities
- Strengthen interactions between the academia and industry
- Promote fluorescence technologies
- Identify current scientific challenges and opportunities



in Biotechnology and Life Sciences

Ewa Goldys (FABLS Convenor) - Welcome

FABLS Team

- David Tayler, (Business Development Manager, FABLS)
- Hemant Bhatta (Administrator)
- Leah Boucher (Administrator)
- Fang Xie (Administrator)
- Ewa Goldys, (Convenor)

FABLS AGM 2007 - Agenda

We acknowledge assistance from ARC/NHMRC and Monash University

FABLS Annual General Meeting, Melbourne 3 February 2007 – Agenda

- 1) Minutes, AGM 2006 (Attachment 1)
- 2) FABLS Progress Report for 2006 (Attachment 2)
- 3) Business Development Management Plan for 2007 (Attachment 3)
- 4) Education and Training Plan for 2007 (Attachment 4)
- 5) Financial Report, 2006 (Attachment 5, for approval)
- 6) Financial Plan FY 2006- 2007 (Attachment 6)
- 7) Approval of 2007 plans

Lunch break

FABLS AGM 2007 - Agenda

- 8) Proposition to establish the Strategic Initiatives Committee of FABLS in 2007 (Attachment 7 proposed Terms of Reference, SIC, for approval)
- 9) FABLS Committee Membership in 2007 (Attachment 8 Proposed Membership of Committees in 2007, for approval)
- 10) FABLS rules for funding of projects(Attachment 9 Revised Project Funding documents, 2007, for approval)
- 11) Revision of FABLS research strategies. (Attachment 10)
- 12) 2008 FABLS workshop (propositions are welcome, preferably linked to another event.)
- 13) Any other business
- 14) Close

FABLS AGM 2007 – Progress Report

- 1) Minutes, AGM 2006 (Attachment 1, page 31-32)
- 2) FABLS Progress Report for 2006 (Attachment 2, page 33-41)
 - FABLS funding program
 - Business Development Activities
 - Education and Training support

FABLS AGM 2007 – 2) FABLS Progress Report

2 a) FABLS funding program (Resource Management Committee)

- Supports primarily your own personal research network in the context of your research project (s) – but rather not projects per se
- Two funding rounds per year, (with cap \$ 10K+5K per round)
- Projects must meet FABLS criteria
- Reporting requirements

Round, Year	Number of Projects funded	Fund Awarded in each round
Round 1, 2005	26	\$300,621.46
Round 2, 2005	14	\$116,660.00
Round 1, 2006	14	\$138,498.90
Round 2, 2006	10	\$97,257.95
	Total Projects Funded: 64	Total Fund Awarded: \$653,038.31

FABLS AGM 2007 – Progress Report

in Biotechnology and Life Sciences

2 b) Business Development Activities (David Tayler, FABLS Business Development Manager, Convenor)

- Helps to develop new research partnerships between academics and industrial organisations
- Meetings with industry and government representatives
- Participation in industrial fairs
- Organisation of industrially-oriented seminars
- Newsletter, development of contact databases
- Definition and promotion of FABLS research capabilities

(See pages 83-88 – request for one page project descriptions Pages 90—93 – request for your capabilities statement)

in Biotechnology and Life Sciences

- 2 b) Education and Training support (Education and Training Committee)
- Raising awareness of fluorescence science and technoloy
- Support of Members initiatives workshops, seminar series
- FABLS Book "Fluorescence Applications in Biotechnology and Life Sciences" to be published by Wiley

FABLS AGM 2007 – Progress Report

FABLS Sponsored Workshops

	Workshop Name	Workshop Convenor	When/Where	Participants Number
1	Fluoro2006: Use of optical spectroscopic and microscopic techniques in biological and biomedical research	Dr. Pierre Moens	2-6 October, 2006/ The University of New England	~50
2	Photoactivable Fluorescent Proteins in Live Cell Imaging	Dr. Anya Salih	2 November 2006/The University of Sydney	~50
3	Advanced Optical Imaging Workshop	Dr. Damian Bird	November 20-21, 2006/The University of Melbourne	~100
4	Live Cell Imaging workshop (LCI2006)	Dr. Ian Harper	3-8 December/ Monash University	~70
5	Ludwig Scientific Imaging Workshop- Microscope to Publication 2007	Dr. Stephen Cody	May 16 to May 18, 2007/Ludwig Institute for Cancer Research	Future event

3) Business Development Management Plan for 2007 (Attachment 3, page 42-43)

Strategic Intent

- A) To be recognised in our market
 - continue refining its system of quality reportin
 - continue to develop the networks image

- Syngenta/Invest Australia
 - Fluorescent applications in plant breeding and crop protection
- Ausbiotech
 - Pfizer
 - Meat companies -AML, ANZCO Foods Ltd
 - Bayer Crop Science
 - Leica
 - BTFbio

- B) Foster new business activities
- 1. Continue to foster new research partnerships among the network members and with external partners
 - database of contacts
 - respond to expressions of interest to create new opportunities
 - develop, in partnership with network members, long term business and strategic relationships
 - promote members' activity/ideas to industry
 - promote FABLS through the internet and selected business forums
 - continue relations with business networks
 - make the network dynamic by creating as much activity as possible

- CSIRO
 - Food Futures Flagship
 - Preventative Health flagship
- GE Health
 - Cooperation on large projects
- Invitrogen
- Varian
- Olympus
- Leica
- BTFbio
- Olympus



2. Raise awareness of FABLS capabilities within and with other commercial organisations

- continue to engage with external organisations including professional associations, government organisations, commercial companies.
- establish contact with appropriate State Government departments with industry involvement in all states
- produce newsletters and organise seminars with an industry focus
- continue to develop the networks' capability database (members' capability statements and research descriptions)
- represent FABLS at appropriate conferences and industry events

- Science Industry Australia 90 members
 - Bio-Rad Laboratories, MP Biomedicals, Beckman Coulter, NIR Technology, ETP Electron Multipliers (A div. of SGE), Eppendorf South Pacific, Millipore, Air Liquide
- Medical Device Industry of Australia 50 members
 - Ambri, AtCor Medical, Surgical Diagnostics (Surgical instruments), Merit Merrell Technology Pty, Brandwood Biomed
- Ausbiotech 2400 members
- NSW DSRD
- InnovationXchange
- Database of 500 people
- Advantage of network
 - Network size

C) Facilitate research findings to commercialisation

- brokerage of contacts with FABLS members
- raising awareness of industrial problems.
- Identification of FABLS Members who can develop solutions to these problems.
- continue to compile the capability descriptions of members
- list of companies and their technology
- appropriate a process for making industry/researcher interaction more dynamic
- create appropriate publicity materials
- identification of the industry fluorescence needs (training)

D) Support the development of professional training programs

- contribute to the identification of the professional training needs
- help to publicise and disseminate information
- establish role of FABLS in identifying courses, budgets, information dissemination

- Australian Nanotechnology Business Forum
 - Seminars for business and training opportunities
- Biophotonics and Industry: Opportunities and Future
- Microorganisms and enzymes in Manufacturing

- 4) Education and Training Plan for 2007 (Attachment 4, page 44)
- Continue supporting existing initiatives
- Work towards establishing new professional training programs in partnerships with the industry
- Assist the FIG group and help expand into other states
- Finalise the FABLS book

FABLS AGM 2007 – Financial report

5) Financial Report, 2006 (Attachment 5 page 45-47, for approval)



FABLS AGM 2007 – Financial report

in Biotechnology and Life Sciences

O	A D C (000)	
Source of funds	ARC (80% request)	Yearly Expenditures
		(2006)
ITEMS as per application		(2000)
Personnel (Salaries + On-costs)		
Network Convenor (Goldys) Level	\$20,432.00	\$20,432.00
D.4, 0.4 f.t. with 26% on-costs	·	·
Network Manager HEW 9.2 0.6 f.t	\$66,960.80	\$54,953.11
with 26% on-costs+ market loading	,	,
Administrator HEW 5.3 0.6 f.t. with	\$27,787.20	\$37,337.59
26 % on-costs	,	·
Total Personnel (a)	\$115,180.00	\$112,722.70
Shared research resources		
Infrastructure access program	\$80.000.00	\$80,000.00
Total Shared Research Resources (b)	\$80,000.00	\$80,000.00
Bringing People Together		
Personnel exchange program	\$112.000.00	\$112.000.00
Annual workshop	\$20,000.00	\$13.235.47
Project Meetings	\$20,000.00	\$20.000.00
Management meetings	\$24,000.00	\$9.776.52
Total Bringing People Together (c)	\$176,000.00	\$155,011.99
Other		
Industrial seminars and professional	\$24,000.00	\$21,040.14
training program		
Seed research project support	\$0.00	
(Macquarie University Total)		
Seed research project support	\$0.00	
(Participating Organizations Total)	\$64.00 2.22	004.046.44
Total Other (d)	\$24,000.00	\$21,040.14
TOTAL COSTS (e)	\$395,180.00	\$368,774.83

FABLS Project Support



FABLS AGM 2007 – Financial report

in Biotechnology and Life Sciences

Source of funds	ARC (80% request)	Surplus (Year II)	Total Available (ARC)	Immediate Commitments	Funding available till end of Year III (07/07)
ITEMS as per application					
Personnel (Salaries + On-costs)					
Network Convenor (Goldys) Level D.4, 0.4 f.t. with 26% on-costs	\$20,432.00	-\$4,621.77	\$15,810.23		
Network Manager HEW 9.2 0.6 f.t with 26% on-costs+ market loading	\$66,960.80	\$33,271.10	\$100,231.90		
Administrator HEW 5.3 0.6 f.t. with 26 % on-costs	\$27,787.20	-\$10,193.03	\$17,594.17		
Total Personnel (a)	\$115,180.00	\$18,456.30	\$133,636.30		
Shared research resources					
Infrastructure access program	\$80.000.00	\$6.000.00	\$86.000.00	\$43.000.00	\$43.000.00
Total Shared Research Resources (b)	\$80,000.00	\$6,000.00	\$86,000.00	\$43,000.00	\$43,000.00
Bringing People Together					
Personnel exchange program	\$112.000.00	\$0.00	\$112.000.00	\$45.000.00	\$67.000.00
Annual workshop	\$20,000.00	\$6.960.58	\$26.960.58		\$26.764.53
Project Meetings	\$20,000.00		\$20.000.00	\$10.000.00	\$10.000.00
Management meetings	\$24,000.00	\$10.110.22	\$34,110.22	\$0.00	
Total Bringing People Together (c)	\$176,000.00	\$17,070.80	\$193,070.80	\$55,000.00	\$134,130.16
Other					
Industrial seminars and professional training program	\$24,000.00	\$24,632.61	\$48,632.61	\$10,000.00	\$25,960.06
Seed research project support (Macquarie University Total)	\$0.00	\$0.00	\$0.00		
Seed research project support (Participating Organizations Total)	\$0.00	\$0.00	\$0.00		
Total Other (d)	\$24,000.00	\$24,632.61	\$48,632.61	\$10,000.00	\$25,960.06
TOTAL COSTS (e)	\$395,180.00	\$66,159.71	\$461,339.71		

FABLS Project Support

\$24,000.00

FABLS AGM 2007 – Financial plans

in Biotechnology and Life Sciences

6) Financial Plan FY 2006- 2007 (Attachment 6, page 48)

		request)			(Vacuati)	/ A D C \
		*	(MU)		(Year II)	(ARC)
ITEMS as per application						
Personnel (Salaries + On-costs)						
Network Convenor (Goldys)		\$20,432.00	\$20,432.00	\$40,864.00	-\$4,621.77	\$15,810.23
Level D.4, 0.4 f.t. with 26% on-						
costs						
Network Manager HEW 9.2 0.6		\$66,960.80	\$19,568.00	\$86,528.80	\$33,271.10	\$100,231.90
f.t with 26% on-costs+ market		ψου,σου.σο	Ψ10,000.00	\$ 0 0 ,0 2 0 .0 0	Ψ00,211110	Ψ100,201.00
loading						
	Casual	\$27,787.20	\$0.00	\$27,787.20	-\$10,193.03	\$17,594.17
with 26 % on-costs						
Total Personnel (a)		\$115,180.00	\$40,000.00	\$155,180.00	\$18,456.30	\$133,636.30
Shared research resources						\$0.00
Infrastructure access program		\$80,000.00	\$0.00	\$80,000.00	\$6,000.00	\$86,000.00
Total Shared Research		\$80,000.00	\$0.00	\$80,000.00	\$6,000.00	\$86,000.00
Resources (b)						Φ0.00
Bringing People Together				****		\$0.00
Personnel exchange program		\$112,000.00	\$0.00	\$112,000.00	\$0.00	\$112,000.00
	On target	\$20,000.00		\$20,000.00	\$6,960.58	\$26,960.58
Project Meetings		\$20,000.00		\$20,000.00	\$0.00	\$20,000.00
	Under	\$24,000.00	\$0.00	\$24,000.00	\$10,110.22	\$34,110.22
Total Bringing People		\$176,000.00	\$0.00	\$176,000.00	\$17,070.80	\$193,070.80
Together (c) Other						\$0.00
	Tashaslasy	\$24,000.00	\$0.00	\$ 2 4 ,0 0 0 .0 0	¢24 622 64	\$48,632.61
professional training program	Technology	\$ 2 4,000.00	\$0.00	\$ 24,000.00	\$24,632.61	\$40,032.01
Seed research project support		\$0.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00
(Macquarie University Total)		ψ0.00	Ψ 5 0 ,0 0 0 .0 0	Ψ 5 0 ,0 0 0 .0 0	Ψ0.00	ψ0.00
Seed research project support		\$0.00	\$16,400.00	\$16,400.00	\$0.00	\$0.00
(Participating Organizations			, , , , , , , , ,	,	7	, , , , ,
Total Other (d)		\$24,000.00	\$66,400.00	\$90,400.00	\$24,632.61	\$48,632.61
TOTAL COSTS (e)		\$395,180.00	\$106,400.00	\$501,580.00	\$66,159.71	\$461,339.71

FABLS AGM 2007 – Approvals

7) Approval of Plans

Lunch break

FABLS AGM 2007 - Agenda

- 8) Proposition to establish the Strategic Initiatives Committee of FABLS in 2007 (Attachment 7 proposed Terms of Reference, SIC, for approval)
- 9) FABLS Committee Membership in 2007 (Attachment 8 Proposed Membership of Committees in 2007, for approval)
- 10) FABLS rules for funding of projects(Attachment 9 Revised Project Funding documents, 2007, for approval)
- 11) Revision of FABLS research strategies. (Attachment 10)
- 12) 2008 FABLS workshop (propositions are welcome, preferably linked to another event.)
- 13) Any other business
- 14) Close

FABLS AGM 2007 -SIC Ctee

8) Proposition to establish a new FABLS Committee in 2007 –

FABLS Strategic Initiatives Committee (Attachment 7, page 49 proposed Terms of Reference). For approval

SIC will discuss:

- ways access large scale funding /undertake large projects
- how to create new funding opportunities
- how to achieve better coordination, convergence or complementarity of research programs

FABLS AGM 2007 – Part 2

- 9) FABLS Committee Membership in 2007 (Attachment 8 Proposed Membership of Committees in 2007, for approval)
- 10) FABLS rules for funding of projects

 (Attachment 9 Revised Project Funding documents, 2007, for approval)
- 11) Revision of FABLS research strategies. (Attachment 10)
- 12) 2008 FABLS workshop (propositions are welcome, preferably linked to another event.)
- 13) Any other business
- 14) Close

FABLS AGM 2007 – Committee Membership

9) FABLS Committee Membership in 2007 (Attachment 8 page 50 – Proposed Membership of Committees in 2007, for approval)

Also see Brief Biographies of Candidates – page 51-56

Thank you to all who participated in FABLS Committees in 2006

Executive Management Committee 2006:

Robert Learmonth, Mark Prescott, Stuart Rumble,

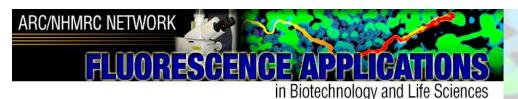
Anya Salih, Trevor Smith, Matthew Phillips, Carola Thoni

Resource Management Committee 2006

Mark Prescott (Chair), Gerri Springfield, John Harvey, Robert Learmonth, Stuart Rumble, Anya Salih, Trevor Smith

Education and Training Committee 2006

Robert Learmonth (Chair), Ron Clarke, Ian Harper, Meredith Wallwark, Seth Olsen, Pierre Moens



FABLS AGM 2007 – Committee Membership

Executive Management Committee 2007

Halina Rubinsztein-Dunlop, Mark Prescott

Norman Heckenberg Robert Learmonth

Stuart Rumble Will Hughes

Trevor Smith Carola Thoni

Chris Johnson Ross Ashman (Not confirmed)

Ewa Goldys (Convenor) - Chair

Resource Management Committee 2007

John Harvey Gerri Springfield

Warwick Bowen Stuart Rumble

Peter Robert Xin Zhao

Andrew Clayton Trevor Smith

Russell Connally James Rabeau

Damian Bird Mark Prescott (Chair)



FABLS AGM 2007 – Committee Membership

Education and Training Committee 2007

Stephen Cody Ron Clarke

Jin Dayong Luz Paje

Peter Karuso Lilian Soon

Peter Robert Tak Kee

Sarah Ellis Ewa Goldys

Pierre Moens (Chair)

Strategic Initiatives Committee 2007

Halina Rubinsztein-Dunlop J ohn Harvey Anya Salih

Norman Heckenberg David Millar Min Gu

Robert Learmonth Peter Karuso Ian Kennedy

Cris Dos Remedios Trevor Smith Mark Prescott

Edwin Yeow Kok Lee Joerg Enderlein Ewa Goldys

David Sampson (1st Chair)

FABLS AGM 2007 – Funding rules

10) FABLS rules for funding of projects
(Attachment 9, page 57-77 – Revised Project Funding documents, 2007, for approval)

Closing date for funding applications: 23 February 2007

Changes to last year rules- see page 77:

- Cap 10K (Networking, facility use) + 5 K (project support)
- Additional criterion "Multiinstitutional character"
- Change to description of the last criterion
- Dates brought forward compared to last year
- Change to funding allocation mechanism: in case of great demand the RMC will make merit-based decisions

FABLS AGM 2007 – Funding rules

- 11) Revision of FABLS research strategies. (Attachment 10, page 78-80)
- 12) 2008 FABLS workshop (propositions are welcome, preferably linked to another event.)
- 13) Any other business
- 14) Close



Challenges & Priorities

COMMUNICATION

Facilitate the transfer of multidisciplinary fluorescence knowledge & techniques throughout the Network and maximise collaborations where success can be acknowledged (e.g., "facilitated and supported by the ARC Network for Fluorescence etc....") and performance indicators quantified.

Market the FABLS Network – stronger outreach, methods registry, services registry of members, international meetings (e.g., US Biophysical Society), top labs & groups, chat room

Maintain balance between applied (commercial) and pure (basic) science

Increase usage of high tech fluorescence equipment both nationally & internationally



Challenges & Priorities

SCIENTIFIC

Ensure cutting-edge research Institutes are involved with technology developers

Support endeavours that isolate, characterise, improve & capitalize on new fluorescent probes

Support endeavours that lead to the development of new and/& multiplexed analytical (SPR-FRET), microscopic, cellular and tomographic imaging technologies († sensitivity, †resolution, new spectral characteristics, whole body imaging, †penetration, single molecule, femtosec transfection, †quantum yield, ↓ toxicity, †photostability, live cell/tissue imaging)

Support endeavours that analyse, discover and measure dynamic cellular events



Challenges & Priorities

EDUCATION

Provide funding for demonstration projects (videos, PP lectures, scientific)

Attraction & education and scientific exchange of future workforce (e.g., workshops, conferences, travel, top lab exchanges, industrial seminars, seniors refresher courses, intensive courses)

LONG TERM GOALS

Solicit suggestions, identify and initiate (seed funding?) for a high impact and/or high risk multidisciplinary project(s) as a FABLS "Challenge Project" -> "big" ARC Discovery or Linkage Program

Create long term funding through ARC Centre of Excellence, NCRIS Scheme or international source (e.g., NSF, NIH)