



THE EUROPEAN SOCIETY
FOR BIOMATERIALS

young.scientistsforum



**4th International Conference
“Biomaterials, Tissue Engineering &
Medical Devices”**



Romanian Young Scientist Forum

BIOMEDD 2010, Sinaia, 25-09-10

INTRODUCTION TO YSF

Fabrizio Barberis, Peter Dubruel, Nicholas Dunne,
Frank Feyerabend, Francesca Ravanetti, Izabela Stancu, Frank Witte



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YSF @ Romania 2010, ...



YSF OVERVIEW

YSF aim: Discussing biomaterials education and training in Europe

Emphasising existing and emerging career and research opportunities

Previous YSF editions: overview EDA, writing a biomaterial textbook, funding opportunities for PhD/post-doc, job fair, speed networking event, ...

YSF 2010: Introduction to EDA and Appeal to Biomaterials Industry
(E. Schacht)

YSF website: http://www.esbiomaterials.eu/main/content_wide.php?section=13

aim, activities, official structure, PPT presentations of previous YSF events, contact details, ...



YSF OVERVIEW



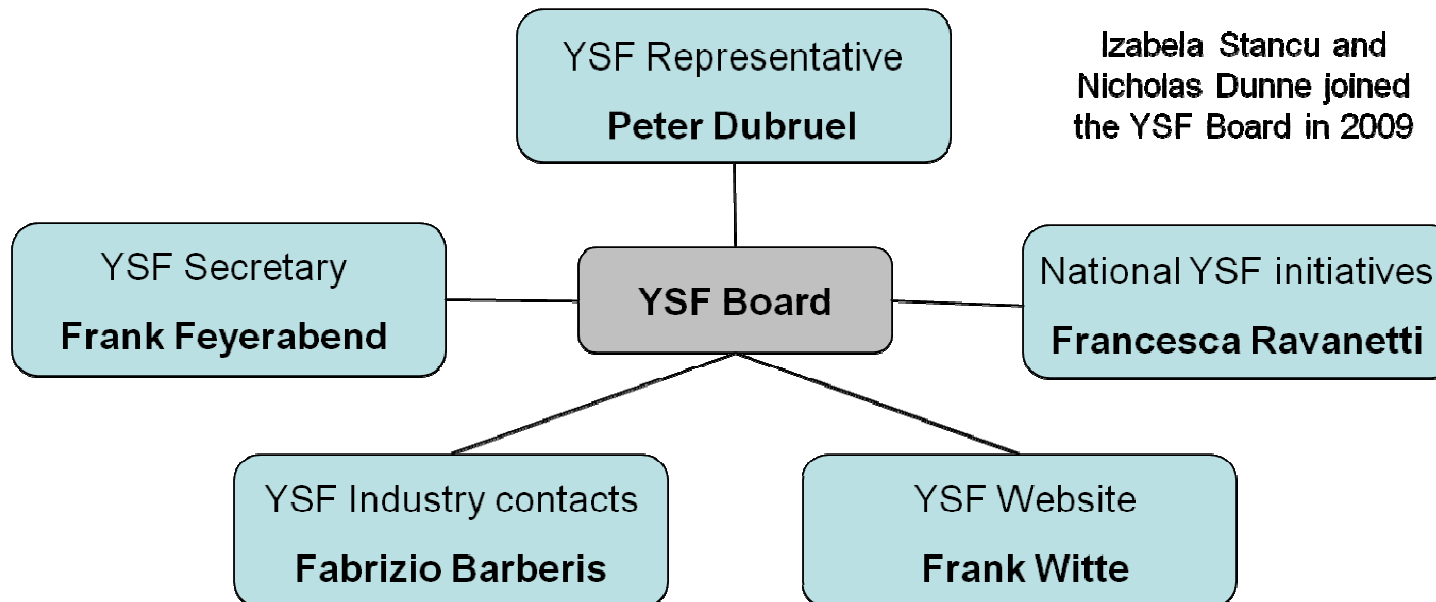
ESB Council Liaison Officer

Matteo Santin



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YSF-Workshop 11.09.2010 Communication in the field of Biomaterials

11:00-11:10 Welcome addresses by ESB and YSF @ ESB

11:10-11:40 Firas Rasoul, Australian Institute for Bioengineering and Nanotechnology (AIBN) and Centre for Advanced Imaging (CAI), The University of Queensland, St. Lucia, Australia

Rational Design of Polymeric Biomaterials for Targeted Biomedical Applications

11:40-12:10 Joonas Mikkonen, Project Manager Orthopaedics and Traumatology, Bioretec, Tampere, Finland

Application driven design of biomaterials – emphasis on bioabsorbable implants

12:10-12:30 Break

12:30-13:00 Frank Feyerabend, Institute of Materials Research, GKSS Research Centre, Geesthacht, Germany

Development of biodegradable metals – how to bring them to the market?

13:00-13:30 Matteo Santin, School of Pharmacy and Biomolecular Sciences, University of Brighton, Brighton, UK

Publication aspects and what you should do as reviewer

13:30-14:00 Round table / Wrap up (all participants)

14:00 Lunch



National YSF initiatives

- various national YSF chapters have been initiated:
 - Italy
 - Germany
 - Switzerland
 - Romania (BIOMEDD 2008)**

- most recent:
 - Scandinavian YSF chapter (<http://www.scsb.eu>)
 - 22/09/2010: Kick off

 - UK YSF chapter
 - Kick off @ national Biomaterial meeting (10-07-2010)

- new initiatives are welcome:
 - info provided by national representatives and/or YSF Board



YSF Elections 2011

YSF elections:

- 5 people leaving the YSF Board in 2011

Fabrizio Barberis, Peter Dubrueel, Frank Feyerabend,

Francesca Ravanetti, Frank Witte

- 2 people stay in place (2 years)

Izabela Stancu and Nicolas Dunne

- **3 positions (elected for 4 years)**

- announcement and call for candidates: **Jan/Feb 2011**

- info distributed via **ESB mailings** and **YSF website**



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young.scientistsforum @ ESB

Aim: Discussing biomaterials education and training in Europe.
Emphasising existing and emerging career and research opportunities.

Realisation: Creation of "European Biomaterials and Tissue Engineering "Doctoral Award" (EBTEDA) (ESB Council and Pedro Granja)

SP
EED
NET
WORKING



YSF events on annual ESB meetings including a Job Fair,
a speed Networking Event and lectures

young.scientistsforum @ internet

http://www.esbiomaterials.eu/main/content_wide.php?section=13

your internet platform to: European PhD, Biomaterial laboratories in Europe,
National Societies in Europe, ...

young.scientistsforum @ info

Do you want to setup a national YSF chapter?

Any suggestions for future YSF initiatives?

Please contact us by e-mail:

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francesca.ravanetti@nemo.unipr.it, f.witte@web.de

YSF spokesperson: Peter.Dubruel@UGent.be

Enjoy Science and European Networking



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Romanian Young Scientist Forum

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RESEARCH FUNDING FOR YOUNG SCIENTISTS

Fabrizio Barberis, Peter Dubruel, Nicholas Dunne,

Frank Feyerabend, Francesca Ravanetti, Izabela Stancu, Frank Witte



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Marie Curie actions ('PEOPLE')

http://cordis.europa.eu/fp7/home_en.html



The screenshot shows the CORDIS website interface. At the top, there is a navigation bar with links for 'Print', 'Legal Notice', 'Search', 'Contact', and 'English (en)'. Below this is the 'European Commission CORDIS' header with the European Union flag and a star icon. The main navigation menu includes 'Home', 'News', 'Funding', 'Results', 'Themes', 'Go local', 'Look it up', 'Interact', and 'Help'. A search bar is located on the right side of the page. The main content area features a grid of colored boxes representing different FP7 categories: 'Cooperation' (red), 'Ideas' (orange), 'People' (purple), 'Capacities' (pink), 'Euratom' (green), and 'JRC' (blue). A sidebar on the left lists various links such as 'FP7 Home', 'FP7 newsroom', 'Understand FP7', 'Participate in FP7', 'Find a call', 'Register your organisation', 'Preparation and Submission of Proposals (EPSS)', 'Get support', 'Find project partners', and 'Find a project'. On the right, there is a section titled 'What type of user are you?' with a dropdown menu showing options like 'Private company', 'Public organisation', 'Individual researchers', and 'Outside the EU'.



Marie Curie actions ('PEOPLE')

http://cordis.europa.eu/fp7/home_en.html

PhD

- Initial training of researchers to improve mostly young researchers

Marie Curie Initial Training Networks (ITN)

- HOST DRIVEN: after positive evaluation young researchers can be hired

Post-doc

- Life-long training and career development

Marie Curie Intra-European Fellowships for Career Development (IEF)

- FELLOW DRIVEN: financing of 12-24 months research

Marie Curie European Reintegration Grants (ERG)

- FELLOW DRIVEN: financing return of fellows that have benefitted from a PEOPLE programme (18 months)



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- FELLOW DRIVEN: financing of 12-24 months research

Marie Curie European Reintegration Grants (ERG)

- FELLOW DRIVEN: financing (2-3 years) return of fellows that have benefitted from a PEOPLE programme (18 months)



Marie Curie actions ('PEOPLE')

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doc

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Marie Curie International reintegration grant (IRG)

- FELLOW DRIVEN: financing of 2-4 years research for fellows having worked in a 3rd country

Marie Curie Co-funding of Regional, National and International Programmes (COFUND)

- ORGANISATION DRIVEN: financing organisations that manage fellowships

fund or



Marie Curie actions ('PEOPLE')

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Marie Curie Initial Training Networks (ITN)

→ HOST DRIVEN: after positive evaluation young researchers
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Post-
doc

- Marie Curie Industry-Academia Partnerships and Pathways (IAPP)

→ HOST DRIVEN: promote academia – company (SME) collaboration

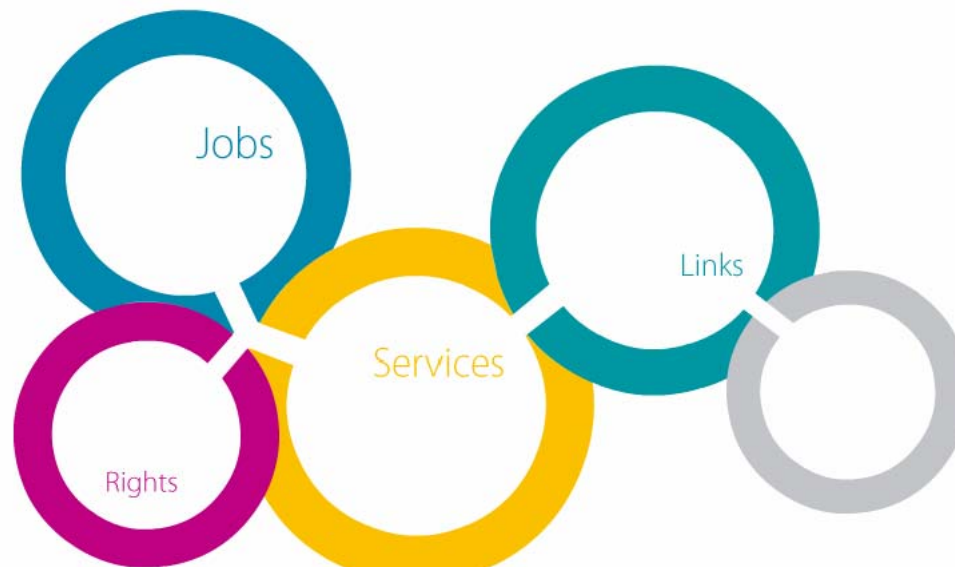


EURAXESS <http://ec.europa.eu/euraxess/>

Content: job offers (national and international), grants and fellowships,
accomodation, taxation, child education, day-care,...



- Home
- Jobs
- Services
- Rights
- Links





Other opportunities for finding financing

Young Scientist Forum: speed networking event, job offer/request

Biomaterials Network

(<http://www.biomat.net>)

Links to biomaterials web sites, professional societies, scientific journals, educational programs, research centers, general information on biomedical engineering, biology, medicine,... and **JOBS**

Different Biomaterial Societies (ESB: career section, ...)

National Science Foundations

→ based on ESF listings (<http://www.esf.org>)

Austria (<http://www.fwf.ac.at>)

Belgium (<http://www.fwo.be> and <http://www2.fnrs.be>)

Bulgaria (<http://www.bas.bg>)

Croatia (<http://www.hazu.hr>), Cyprus (<http://www.research.org.cy>)

Czech Republic (http://www.gacr.cz/english_line/geninf.htm)

Denmark (http://www.royalacademy.dk/pres_e.htm)

Estonia (<http://www.etf.ee>)

Finland (<http://www.tekes.fi/eng> and <http://www.aka.fi>)

France (<http://www.cnrs.fr>), Germany (<http://www.dfg.de/en>)

Greece (<http://www.ypan.gr>), Hungary (<http://www.kfki.hu>)

Iceland (<http://www.rannis.is>), Ireland (<http://www.sfi.ie/>)



National Science Foundations (continued)

Italy (<http://www.instm.it>), Lithuania (<http://www.vmsfondas.lt>)

Luxembourg (<http://www.fnr.lu/>)

Netherlands (<http://www.nwo.nl> and <http://www.knaw.nl/>)

Norway (<http://www.forskingsradet.no>), Portugal (<http://www.fct.mct.pt/>)

Romania (<http://www.cncsis.ro>), Slovenia (<http://www.mvzt.gov.si/>)

Slovakia (<http://www.sav.sk>)

Spain (<http://www2.mityc.es/es-ES/index.htm?cultura=es-ES>)

Sweden (<http://www.stratresearch.se>)

Switzerland (<http://www.snf.ch/E/Pages/default.aspx>)

Turkey (<http://www.tubitak.gov.tr>)

United Kingdom (<http://www.epsrc.ac.uk/default.htm>)



Other opportunities for finding financing

International networking for young scientists

UK-other countries, <http://www.britishcouncil.org/science-research-inys2.htm>

Workshops for PhD students and post-docs (UK and non-UK)

Science networking development scheme

UK-Israel, <http://www.britemb.org.il/science/snds.html>

Marie Curie Fellowship Association

Network for Marie Curie fellows <http://www.mariecurie.org/>



THANKS TO ...



Fabrizio
Barberis



**Frank
Feyerabend**



Francesca
Ravanetti



Frank
Witte



Lucy
Di Silvio



**Matteo
Santin**



Izabela
Stancu



**Nicolas
Dunne**

... and ESB Board for continuous support

**YOU FOR YOUR
ATTENTION !**