

IMI The European Commission Perspective

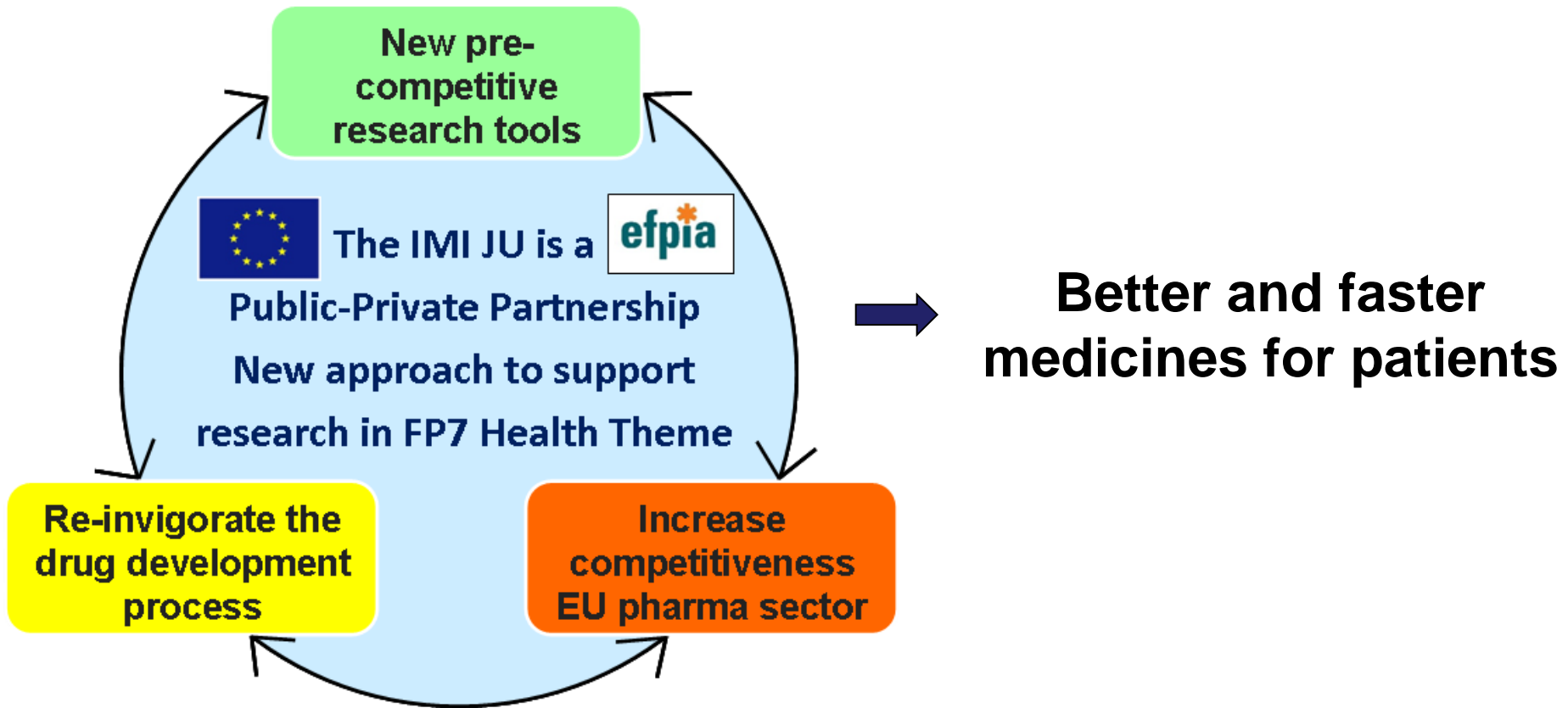
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24th Annual
EuroMeeting
26-28 March 2012
Copenhagen, Denmark



Objectives of IMI



IMI Current Status



- 30 ongoing projects from 3 calls with ~300M € from IMI JU and ~270 M € from EFPIA companies
- 4th call: full project proposals being prepared
- 5th call launched on 6 March: European Lead Factory
- Solid reflection on remaining calls engaged: next call on antimicrobial resistance to be launched soon

Participation of EFPIA Companies in IMI and FP7 Health Projects

- EFPIA companies are involved in only few FP7 Health Projects (out of a total of about 700 projects)
- Strong involvement in IMI projects



- Based on share of projects, individual EFPIA companies are **25 to several hundred fold more involved** in IMI projects

Experience with the Joint Technology Initiative IMI

- IMI projects perform **excellent research**
- Very good example of *bringing research and innovation*: IMIDIA project
- Leads to new forms of collaboration amongst stakeholders, built on trust: between academia and industry; also implicating regulators and patient organisations
- New business models for now and the future
- Rules and procedures need to be fit-for-purpose

First Human Pancreatic β Cell Line Developed by IMIDIA Project



A genetically engineered human pancreatic β cell line exhibiting glucose-inducible insulin secretion: Ravassard P., Hazouz P., Pechberty Y., Bricout-Neveu E., Armanet M., Czenichov P., Scharfmann R.; J. Clin. Invest. 2011 Sep;121(9):3589-3597.

Comment: Finally! A human pancreatic β cell line: Weir G.C., Bonner-Weir S.; J. Clin. Invest. 2011 Sep;121(9):3395-3397.

IMI Education & Training Projects



✓ First course in Nov 2010 on drug discovery development



✓ Certificate and Master courses in pharmacovigilance and pharmaco-epidemiology in Sept 2011



✓ EU syllabus on pharmaceutical medicine



✓ Database on over 700 master courses, 110 professional development courses, 380 learning tools

Support for Clinical Trials in Partnership with Industry

- Upcoming IMI calls on antimicrobial resistance
- Development of markers and proof of principle clinical trials for such markers
- Prospectively following cohorts over longer duration
- Prevention clinical trials

Working Together in IMI and Beyond

- Ensuring more efficient and quicker decision on valid targets
- Thereby reducing risk of 'omics' targets
- To lay the basis for stratified therapies and personalised medicine

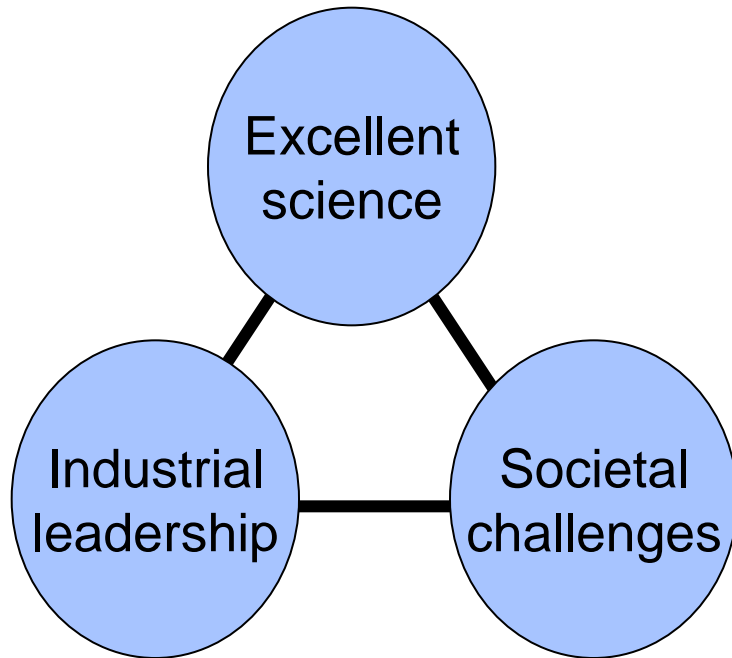
Horizon 2020: The next Framework Programme for Research and Innovation

Political Context for Horizon 2020

- Europe needs cutting edge research and innovation
- Essential to ensure competitiveness, growth and jobs
- Vital to tackle pressing societal challenges
- 3% of GDP invested in R&D: headline target of Europe 2020

Three Priorities

What's New?



- Single programme
- More innovation – “from research to retail”
- Focus on societal challenges
- Simplified and broader access

Total budget € ~90 billion

Horizon 2020 and Partnering

Public-private partnerships:

- Through Joint Technology Initiatives or other formal structures (Art. 187)
- Through contractual agreements, which provide inputs for work programmes
- Only when criteria met, e.g. clear commitments from private partners

Also: public-public partnerships (e.g. ERA-Nets, Joint Programming Initiatives)

Thank you for your attention!

Find out more on Horizon 2020:

<http://www.ec.europa.eu/research/horizon2020>

European Commission
Research & Innovation - Health

European Commission > Research > Health > Home

Home What's new? Policy issues Ongoing EU research projects Previous framework programmes e-Library Calls for Proposals

Health Research

With a budget of €6.1bn over the duration of the [Seventh Framework Programme](#), health research is a major priority for the European Union. Projects are supported in various thematic domains (Medical Research, Infectious Diseases etc) with some general and specific issues cutting across, influencing or likely to feature in future in these themes (Personalised medicine, SMEs, etc) > [More...](#)

**NEW: Breaking news on Antimicrobial Resistance...
Commission adopts Action Plan TODAY!**

Medical Research

Large scale data gathering & Systems Biology

Personalised medicine

Child Health

Human development and ageing

SMEs

International Cooperation

Infected Diseases

Biotechnology, Tools and Technologies

HIGHLIGHTS

RSS feeds | 26.11.2011
Research Headlines - Scientists find link between vascular endothelial growth factor and skin cancer stem cell regulation | 24.11.2011
Research Headlines - Study proposes programme to help keep elderly in work | 23.11.2011

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<http://ec.europa.eu/research/health>

IMI Website

<http://www.imi.europa.eu>

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