



Regenerative Medicine and Advanced Therapies

Open Info Day
8 July 2016

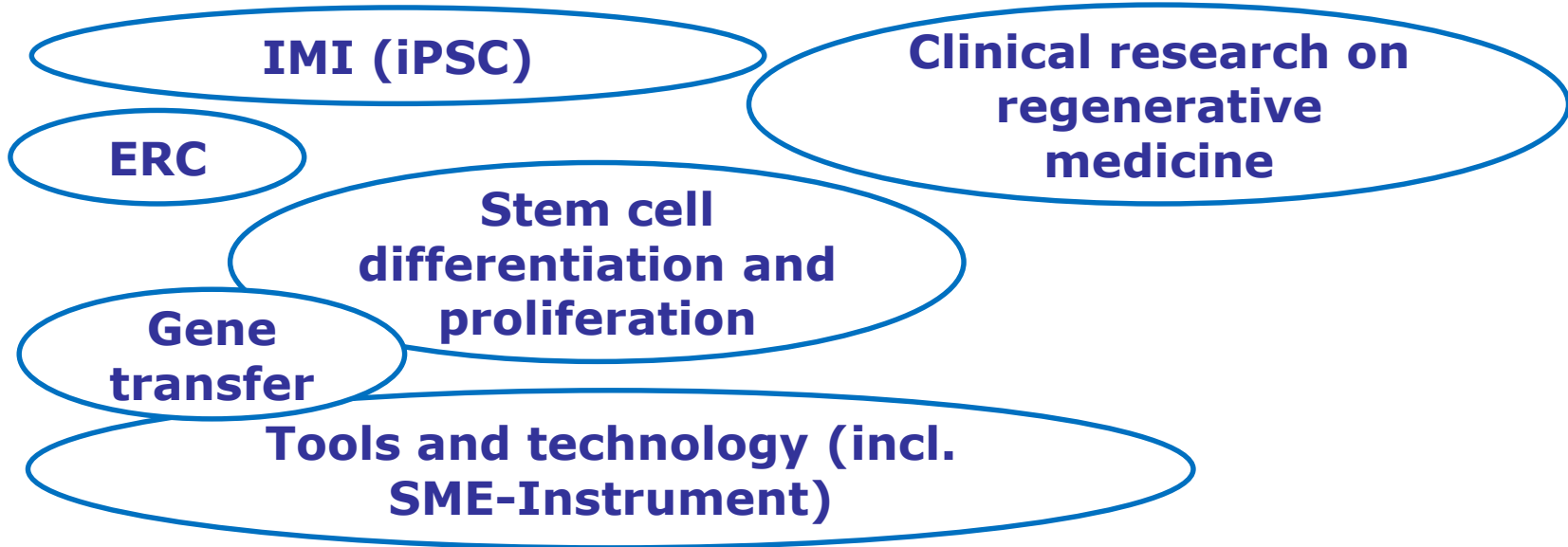
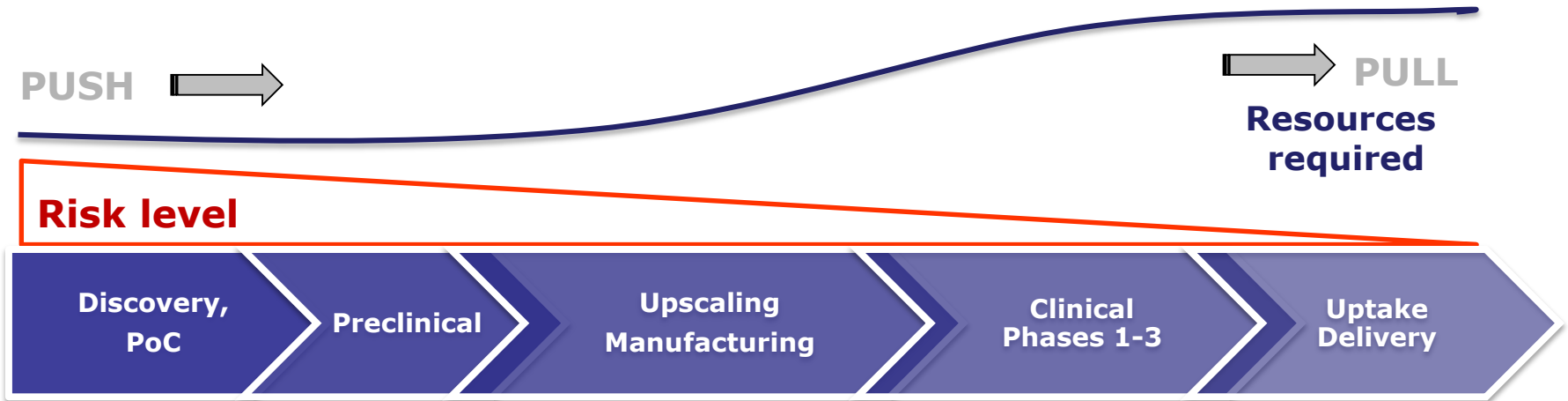
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Regenerative medicine and advanced therapies

Programme for this afternoon:

- **Introduction and forthcoming calls**
- **Experiences, pitfalls to avoid and wise words (2 speakers)**
- **Discussion**

ATMP development: targeting different points on the innovation chain





Regenerative medicine and advanced therapies

Two topics open in forthcoming calls for proposals...

1. Clinical research on regenerative medicine

Main points

- **SC1-PM11-2016-2017**
- **Clinical research – any stage; proof of regulatory engagement/autorisation**
- **Collaborative research – min 3 EU/assoc countries**
- **Indicative budget: €30 million (2017)**
- **~ €4-6 million per project – depending on work**
- **Deadline: 11 April 2017**

Clinical research on regenerative medicine – results so far

| | Proposals | | | Success rate | Budget |
|-------------|-----------|----------|-----------|--------------|-----------|
| | Received | Eligible | Supported | % | € million |
| 2014 | 30 | 30 | 6 | 20 | 35.2 |
| 2015 | 48 | 46 | 7 | 15 | 39.1 |
| 2016 | 32 | 30 | ? | ? | 30.0 |
| 2017 | ? | ? | ? | ? | 30.0 |

Clinical research on regenerative medicine (2014 – 2015)

**So far 13 Projects
€74.3 Million**

| Project Acronym | Area covered/Condition | Approach/Technology |
|-----------------|---------------------------------|--|
| TREGeneration | GvHD (chronic) | Allogeneic Treg lymphocytes |
| RETHRIM | GvHD (acute) | Allogeneic MSC (bone marrow-derived) |
| SCIENCE | Ischemic heart disease | Allogeneic adipose-derived MSC |
| ADIPOA2 | Osteoarthritis | Autologous adipose-derived MSC |
| SC0806 | Spinal cord injury | Recombinant growth factor + device |
| ARISE | Heart valve | Allogeneic decellularized aortic valve |
| NISCI | Spinal cord injury | Antibodies against Nogo-A |
| BOOSTB4 | Osteogenesis imperfecta | Allogeneic MSC (fetal-derived) |
| RESSTORE | Stroke | Allogeneic adipose-derived MSC |
| SEPCELL | Sepsis | Allogeneic adipose-derived MSC |
| TETRA | Trachea (severe airway disease) | Autologous MSC + decellularized trachea scaffold |
| BetaCellTherapy | Type-1 diabetes | Encapsulated progenitor cells (hESC-derived) |
| BIO-CHIP | Knee cartilage injury | Autologous nasal chondrocytes |

"To allow an adequate coverage in the field of regenerative medicine, proposals should take into account the projects previously funded under this topic in Horizon 2020"

2. Cell technologies in medical applications

Main points

- **SMEInst-05-2016-2017 "Supporting innovative SMEs in the healthcare biotechnology sector"**
- **SME Instrument – EU/Assoc SME(s) only (can subcontract)**
- **Phase 1 – Feasibility study (€50,000 lump sum)**
- **Phase 2 – Research/Innovation (~€1-5 million depending on work – 100% reimbursement)**
- **Indicative budget:**
 - **2016: €35 million**
 - **2017: €80 million (includes biomarkers and diagnostic medical devices, Phase 2, first cut-off)**
- **Multiple deadlines**

3. Other topics that might support regenerative medicine and advanced therapies

SC1 Two-stage call – stage 1 closing 4 October 2016

- **SC1-PM-02-2017 "New concepts in patient stratification"**
- **SC1-PM-08-2017 "New therapies for rare diseases"**
[read texts carefully]

Others

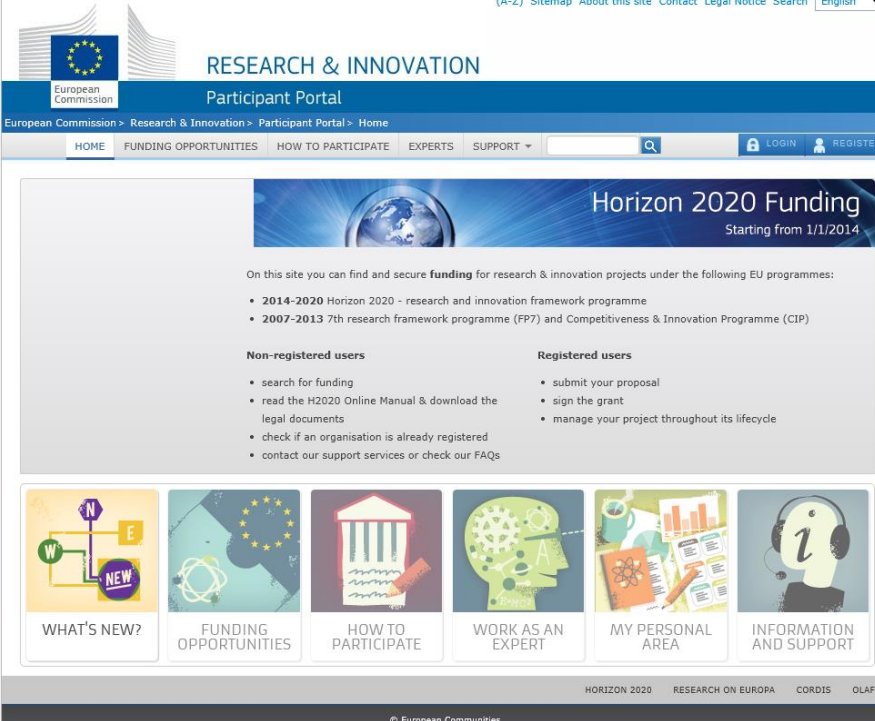
ERC, FET, Marie Skłodowska-Curie actions...

PARTICIPANT PORTAL

Unique entry point

<http://ec.europa.eu/research/participants/portal>

Information available on the **participant portal** includes **all you have to know** about our programmes and about submitting a proposal



The screenshot shows the top navigation bar of the Participant Portal. It includes the European Commission logo, the text 'RESEARCH & INNOVATION Participant Portal', and a breadcrumb trail: 'European Commission > Research & Innovation > Participant Portal > Home'. Below this is a secondary navigation bar with links for 'HOME', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A search bar and 'LOGIN'/'REGISTER' buttons are also present. The main content area features a 'Horizon 2020 Funding' banner with the start date 'Starting from 1/1/2014'. Below the banner, there is a section for 'On this site you can find and secure funding for research & innovation projects under the following EU programmes:' with bullet points for '2014-2020 Horizon 2020' and '2007-2013 7th research framework programme (FP7) and Competitiveness & Innovation Programme (CIP)'. Two columns list actions for 'Non-registered users' (search for funding, read manuals, check registration) and 'Registered users' (submit proposals, sign grants, manage projects). At the bottom, there is a row of six icons representing different portal features: 'WHAT'S NEW?', 'FUNDING OPPORTUNITIES', 'HOW TO PARTICIPATE', 'WORK AS AN EXPERT', 'MY PERSONAL AREA', and 'INFORMATION AND SUPPORT'. The footer contains '© European Communities' and links for 'HORIZON 2020', 'RESEARCH ON EUROPA', 'CORDIS', and 'OLAF'.

New evaluators welcome





Thank you for your attention

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