

Grantové příležitosti pro oblast zdraví

Informační den oblasti ZDRAVÍ
18.5. 2016

Eva Sebronova, sebronova@tc.cz

Excellent Science

- **European Research Council**
 - Frontier research by the best individual teams
- **Future and Emerging Technologies**
 - Collaborative research to open new fields of innovation
- **Marie Skłodowska Curie actions**
 - Opportunities for training and career development
- **Research infrastructures** (including e-infrastructure)
 - Ensuring access to world-class facilities

Industrial Technologies

- **Leadership in enabling and industrial technologies**
 - ICT, NANOTECHNOLOGIES, materials, biotechnology, manufacturing, space
- **Access to risk finance**
 - Leveraging private finance and venture capital for research and innovation
- **Innovation in SMEs**
 - Fostering all forms of innovation in all types of SMEs

Societal Challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture, marine and maritime research & the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Security society**

LARGEST PUBLIC PROGRAMME FOR RESEARCH AND INNOVATION

70 BILLIONS

OPEN TO ALL COUNTRIES IN THE WORLD

www.healthnncp.net

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European Institute of Innovation and Technology (EIT)

Spreading Excellence and Widening Participation

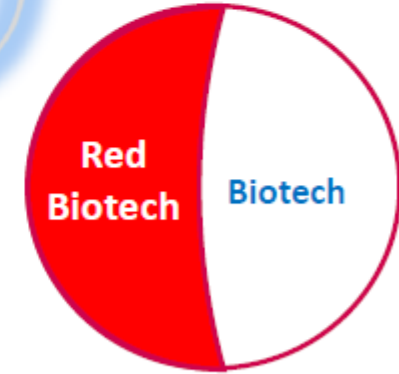
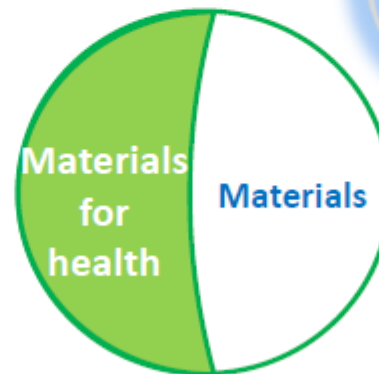
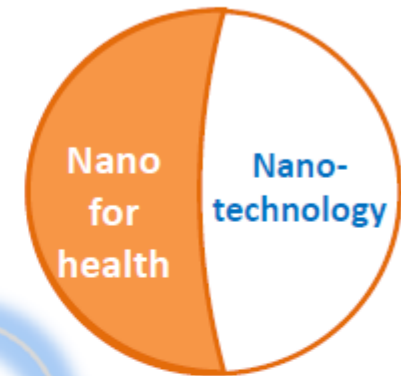
Science with and for society

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ADVANCED MATERIALS AND NANOTECHNOLOGIES FOR HEALTHCARE

- NMBP-09-2016: Biomaterials for diagnosis and treatment of demyelination disorders of the Central Nervous System
- NMBP-10-2016: Nanoformulation of biologicals
- NMBP-11-2016: ERA-NET on Nanomedicine
- **NMBP-12-2017: Development of a reliable methodology for better risk management of engineered biomaterials in Advanced Therapy Medicinal Products and/or Medical Devices**
- **NMBP-13-2017: Cross-cutting KETs for diagnostics at the point-of-care**
- **NMBP-14-2017: Regulatory Science Framework for assessment of risk benefit ratio of Nanomedicines and Biomaterials**
- **NMBP-15-2017: Nanotechnologies for imaging cellular transplants and regenerative processes in vivo**
- **NMBP-16-2017: Mobilising the European nano-biomedical ecosystem**

- SMEInst-03-2016-2017: **Dedicated support to biotechnology SMEs closing the gap from lab to market**
- SMEInst-05-2016-2017: **Supporting innovative SMEs in the healthcare biotechnology sector**
- SMEInst-06-2016-2017: **Accelerating market introduction of ICT solutions for Health, Well-Being and Ageing Well**

PILLAR III: Societal Challenge

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HEALTHY AND SAFE FOOD AND DIET FOR ALL

- SFS-37-2016: The impact of consumer practices in food safety: risks and mitigation Strategies
- SFS-38-2016: Impulsivity and compulsivity and the link with nutrition, lifestyle and the socio-economic environment
- SFS-39-2017: **How to tackle the childhood obesity epidemic?**
- SFS-40-2017: **Sweeteners and sweetness enhancers**

EU-AFRICA PARTNERSHIP ON FOOD AND NUTRITION

- SFS-41-2016: EU-Africa Research and Innovation partnership on food and nutrition security and sustainable agriculture
- SFS-42-2016: Promoting food and nutrition security and sustainable agriculture in Africa: the role of innovation

DISASTER-RESILIENCE/DIGITAL SECURITY

- SEC-03-DRS-2016: Validation of biological toxins measurements after an incident: Development of tools and procedures for quality control
- DS-03-2016: Increasing digital security of health related data on a systemic level

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PILLAR 1





Future and Emerging Technologies – FET Young Explorers

(Starting date: February 1st, 2012)

BRAIN-BOW: Linking biological and artificial neuronal assemblies to restore lost brain functions: towards the design of innovative bi-directional neuroprostheses

http://cordis.europa.eu/projects/102313_en.html

<http://www.brainbowproject.eu>



Biobanking and Biomolecular Resources Research Infrastructure

European Advanced Translational Research Infrastructure in Medicine

European Clinical Research Infrastructures Network

European Life Science Infrastructure for Biological Information

European Marine Biology Resource Centre

European Research Infrastructure on Highly Pathogenic Agents

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OTHER OPPORTUNITIES

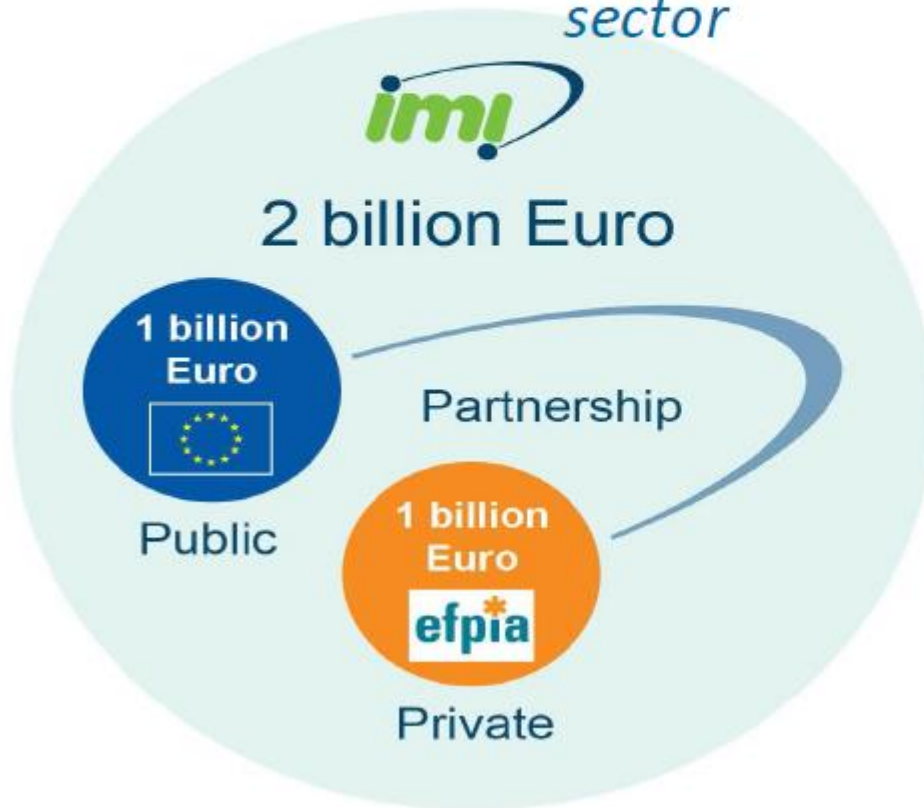




Innovative Medicines

Initiative:

Joining forces in the healthcare sector



The European Union and the pharmaceutical industry have joined forces to make drug R&D processes in Europe more **innovative** and **efficient**, enhance Europe's **competitiveness** & address key **societal challenges** by forming the biggest PPP in Life Science

How to apply: a 2-stage process



9. VÝZVA – IMI2

- **Addressing the clinical burden of Clostridium difficile infection (CDI): evaluation of the burden, current practices and set up of a European research platform (part of the IMI New Drugs for Bad Bugs (ND4BB) programme)**
 - **Development of immune tolerance therapies for the treatment of rheumatic diseases**
 - **Data quality in preclinical research and development**
 - **Next generation of electronic translational safety – NEXGETS**
 - **Identification and validation of non-invasive markers across the spectrum of nonalcoholic fatty liver disease (NAFLD)**
 - **Joint influenza vaccine effectiveness surveillance studies**
- Více informací naleznete na stránce: <http://bit.ly/futuretopics>
- Partnery do projektu je možné hledat pomocí následujících nástrojů:
www.imi.europa.eu/content/partner-search
- **UZÁVĚRKA 26.7. 2016**



DG SANCO

Third **Health Programme** 2014-2020



- **PP-1-2016-01: Chronic kidney diseases**
- **ERN-2016 - European Reference Networks – Framework Partnership Agreement**
- *PJ-01-2014 Innovation to prevent and manage chronic diseases*
- *PJ-02-2014 Early diagnosis and screening of chronic diseases*
- *PJ-03-2014 Professional reintegration of people with chronic disease*
- *PJ-04-2014 Adherence, frailty, integrated care and multi-chronic conditions*
- *PJ-05-2014 Statistical data for medicinal product pricing*
- *PJ-06-2014 Health monitoring and reporting system*
- *PJ-07-2014 Healthcare associated infection in long-term care*

- Participant Portal

<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>

- ECAS account creation

<https://webgate.ec.europa.eu/cas/eim/external/register.cgi>

- FAQ

<http://ec.europa.eu/research/participants/portal/desktop/en/support/faq.html>

- FITFORHEALTH: partner search

<http://mm.fitforhealth.eu/common/contactslogin.asp>

- HEALTH2MARKET: advanced services while getting closer to the market

<http://www.health2market.eu/>

- Vykazování nákladů/administrace projektů H2020 problematika financování projektů
- SC1-PM-10-2017 - Comparing the effectiveness of existing healthcare interventions in the adult population
- Budou ještě otevřeny nějaké výzvy k tématu nebo k podobnému tématu SC1-PM-11-2016-2017: Clinical research on regenerative medicine, kdy asi?
- Výzva Rare Diseases 2017
- Možnosti zkoumání etických aspektů využívání ICT v péči.
- Oblast neurověd
- Metabolické programování GDM, Prevence diabetu