



European
Commission

Personalised Medicine Conference 2016

1-2 June 2016, Brussels

Ruxandra DRAGHIA-AKLI

Research and
Innovation

Welcome



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Personalised Medicine Conference 2016
1-2 June, Brussels

Personalised Medicine: a crash course introduction



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Personalised Medicine

"Personalised medicine refers to a medical model using characterisation of individuals' phenotypes and genotypes (e.g. molecular profiling, medical imaging, lifestyle data) for tailoring the right therapeutic strategy for the right person at the right time, and/or to determine the predisposition to disease and/or to deliver timely and targeted prevention"

Council Conclusions
(2015/C 421/03)

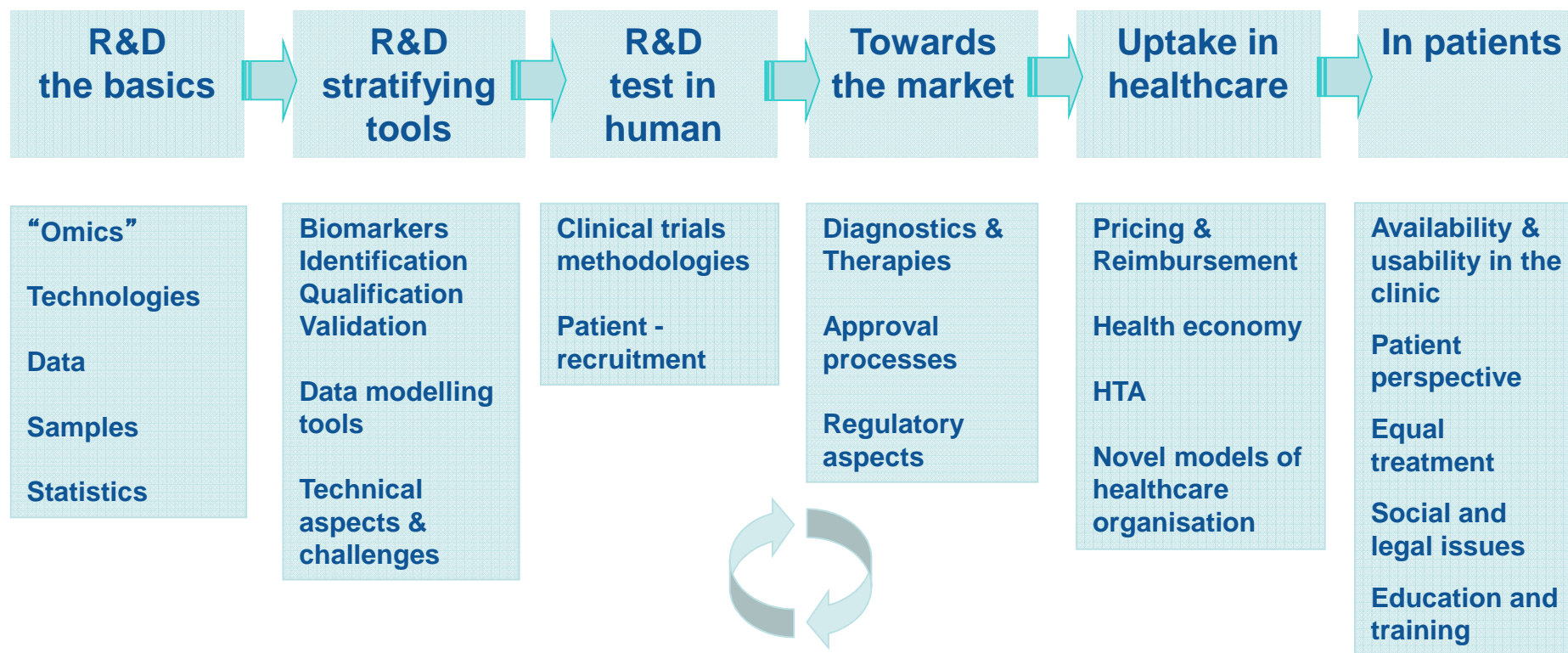
In a nutshell...

Personalised medicine is about making healthcare **smarter** and **better by**:

- using multiple information sources about the person, his/her environment and lifestyle
- focusing on prediction and prevention
- shifting from *treating disease to managing health*



We're talking about the whole innovation cycle ...



Prediction - Prevention – Treatment - Cure

International Consortium for Personalised Medicine (IC PerMed)

The what, the why, and the how

WHAT

Collaboration of research funders and policy makers from EU Member States and beyond

WHY

Establish Europe as a global leader in PM research

Support the PM science base through a coordinated approach to research

Provide evidence to demonstrate the benefit of PM to citizens and healthcare systems

Pave the way for PM approaches for citizens

HOW

Implementation of a Roadmap based on PerMed Strategic Research Agenda (SRIA)

...and what NOW?

IC PerMed Roadmap

- Based on PerMed SRIA Challenges
- Each challenge developed by Challenge facilitator(s)
- Roadmap with actions, proposed means for implementation (EU, national, regional) and mapping of ongoing activities
- Under development, workshops, consultations and this conference
- To become available in Q4 2016
- Regular updates and annual reports on the implementation of the Roadmap



Image source © Wolfgang Ballensiefen / PerMed project 2016

PerMed Challenges and Challenge facilitators



Our Challenge Facilitators = session organisers



Maria Judith Molnar

Health Ministry,
Hungary



Wolfgang Ballensiefen

Ministry of Research (DLR-
PT), Germany



Hemma Bauer

Ministry of Science,
Research and
Economy, Austria



Daria Julkowska

National Research
Agency, France



Natalia Martin

National Research
Agency, France



**Peter Honggaard
Andersen**

Innovation Fund,
Denmark



Gaetano Guglielmi

Ministry of Health, Italy

Work in progress - help us map the activities

- Do you know of relevant initiatives

- Send us your information:

RTD-IC-PERMED@EC.EUROPA.EU

- More information on IC PerMed

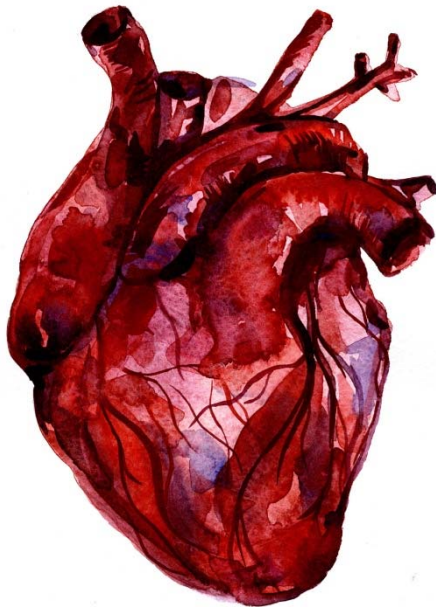
<http://ec.europa.eu/permed2016>



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But first ...

many good things come in 4s



4 Letters in the Book of Life



S**A****N****T****E**
C**O****N****N****E****C****T**
R**T****D**
G**R****O****W**

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Working together – it's in our DNA



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Our Keynote Speakers



Paulo Lisboa

Professor and Head of Department of
Applied Mathematics,
Liverpool John Moores University



Anders Olauson

Honorary President,
European Patients' Forum - EPF