

Policies and programmes in the field of Personalized Medicine: first results of the mapping activities of the IC2PerMed project" Online workshop, November 23, 2020

IC2PerMed: a bridge between ICPerMed and China

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FONDAZIONE elethon



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ICPerMed International Consortium on Personalise Medicine

Aim: To coordinate and foster research to develop and evaluate personalised medicine approaches

- International consortium model
- Launched in 2016, now more than 40 European and international partners
- Members and observers are public and private not-for-profit health research funding organisations, representing ministries, funding agencies and the European Commission (EC)
- Advancement of the biomedical, social, and economic sciences, together with technological development, is the driving force for PM. Strong investment in research and innovation is therefore a prerequisite for its successful implementation.





ICPerMed Vision Statement

Research as driver of personalised medicine

- Support the personalised medicine science base through a coordinated approach to research.
- Support research to investigate the benefits of personalised medicine to citizens and healthcare systems.
- Pave the way for personalised medicine approaches for citizens
- Establish ICPerMed members as global leaders in personalised medicine research.





ICPerMed – Coordinating PM research





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ICPerMed Vision 2030

"How can personalised approaches pave the way to next-generation medicine?"

ICPerMed Vision 2030

<u>Perspective 1</u>: Informed, empowered, engaged, and responsible citizens <u>Perspective 2</u>: Informed, empowered, engaged, and responsible health providers <u>Perspective 3</u>: Healthcare systems that enable personally tailored health promotion, prevention, diagnosis, and treatment for the benefit of citizens and patients <u>Perspective 4</u>: Availability and optimal use of health-related information for optimised treatment, care, prevention, and research

Perspective 5: Economic value by establishing the next generation of medicine





https://www.icpermed.eu/en/activities-vision-paper.php

IC2PerMed



"Best Practice in Personalised Medicine" Recognition

Recognise, encourage, promote and disseminate outstanding examples of best practices in personalised medicine. Open calls annually **worldwide**.

- 1. Successful translation of personalised medicine research into an added value for the patient.
- 2. Policy making and impact analysis for personalised medicine research.

Scientific papers, Training programmes, interdisciplinary collaboration



Examples:

- 2019 Development and integration of organoid models in personalized medicine platforms Mark Rubin, University of Bern, Switzerland
- 2018 Proposal of Reccomendations for a National Strategy on personalized Medicine Report Consuelo Martin de Dios, Fundación Instituto Roche, Spain



Overarching strategy of the EC



- Promote personalised health and care research
- Strengthen Europe's healthcare industry
- Develop EU countries' health research and innovation strategies
- Make the EU a stronger global player
 - Cooperation Schemes
 - International engagements & science diplomacy

Reference: https://ec.europa.eu/info/files/personalised-medicine-infographic_en





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ICPerMed family of projects





Bridging with China



