IC2PerMed: a bridge between ICPerMed and China

Chiuhui Mary Wang, PhD
王秋惠 博士
Fondazione Telethon, Italy

Policies and programmes in the field of Personalized Medicine: first results of the mapping activities of the IC2PerMed project”
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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

- **ICPerMed members**
  - Action item groups (experts)
  - ICPem Events

- **Survey:** Funding Activities
  - Best Practise
  - Key Players

- **ICPerMed Website**
  - Database
  - Partnering Tool
  - Reports (public and internal)
  - Intranet

**Output/Dissemination**
- Landscape mapping: funding “hot spots”, gaps & needs
- Publications: Action Plan, Vision Paper, etc.

**Impact**
- Implementation of ICPem Action Plan
- Coordinated approach to PM research
- Pave the way for the implementation of PM approaches
ICPerMed Vision 2030

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

Perspective 1: Informed, empowered, engaged, and responsible citizens
Perspective 2: Informed, empowered, engaged, and responsible health providers
Perspective 3: Healthcare systems that enable personally tailored health promotion, prevention, diagnosis, and treatment for the benefit of citizens and patients
Perspective 4: 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

"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

ICPerMed family of projects
Bridging with China