ICPerMed Workshop
Advancing Personalised Medicine through Technology Development

November 14-15, 2023

Museum Santa Maria della Scala
Siena, Italy

European Commission | Horizon 2020 European Union funding for Research & Innovation

DAY 1 – MORNING

November 14th 09:00 – 12:30 CET

09:00 – 09:30 **Registration**

Welcome & Opening Session

Moderator: Monika Frenzel

09:30 – 10:10   **Nicoletta Fabio,** Mayor of Siena
Simone Bezzini, Regional Ministry of Health – Tuscany Region
Fabrizio Landi, Fondazione Toscana Life Sciences
Indridi Benediktsson, European Commission
Ejner Moltzen, Innovation Fund Denmark, Chair of ICPerMed

Keynote Lecture: **Innovation perspective – A look to the future of personalised medicine, current innovation/s in the field and the role of technology in driving innovation into the healthcare sector**

Moderator: Monika Frenzel

10:10 – 10:40   **Kari Stefansson**
Contributions of genetics and environment to the foundations of precision medicine.
deCODE genetics, Iceland

10:40 – 11:20   **Coffee Break**

Keynote Lecture: **Clinical perspective – A clinical perspective on personalised medicine technologies**

Moderator: Monika Frenzel

11:20 – 11:50   **Matthias Schwab**
Pharmacogenomics and Personalised Medicine: Implication for Clinical Practice.
Department of Clinical Pharmacology, University Hospital Tuebingen, Germany

Keynote Lecture: **European Regional perspective: Presentation of activities concerning PM development and implementation**

Moderator: Monika Frenzel

11:50 – 12:20   **Francesco Dotta**
The Regional Centre for Personalised Medicine: A Precision Medicine approach to Type 1 diabetes mellitus.
University of Siena, Italy

12:20 – 14:00	**Lunch Break**

DAY 1 – AFTERNOON   *November 14th 14:00 – 18:00 CET*

Keynote Lecture: **International perspective – Current practices, advantages and needs as well as challenges for personalised medicine technology development and implementation in healthcare and clinical practice**

Moderator: Monika Frenzel

14:00 – 14:30	**Simon Travers**
	Bringing scientific innovation from academia to business: our journey, lessons learned and other stories.
	Hyrax Biosciences, South Africa and Ireland

Session: **Technologies in Personalised Medicine**

Chair: Ejner Moltzen

14:30 – 16:00	**Frédéric Dayan**
	A Digital Twin for a proper use of medications
	ExactCure, France
	Carlotta Masciocchi
	The Gemelli Generator concept: the development, implementation, and future perspective
	Gemelli, Italy
	Silvio Weber
	The technology provider´s dilemma – When new developments put great biotechnology platforms at risk
	Miltenyi Biotec, Germany
	Panel Discussion

16:00 – 16:40	**Coffee Break**

Session: **ICPerMed 'Best Practice in Personalised Medicine' Recognition 2022-2023 - 'Fostering PM implementation through research'**

Chair: Chiara Ciccarelli

16:40 – 18:00	**Mireia Seuma**
	Using genomics to map amyloid nucleation in Alzheimer's disease
	Centre for Genomic Regulation of Barcelona, Spain

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Nurulamin Noor
Predicting Outcomes for Crohn's disease using a molecular biomarker
Cambridge University Hospital, United Kingdom

Laura Valinotto
Center for Research in Genodermatosis and Epidermolysis
Bullosa, finding answers to rare skin diseases
CEDIGEA University of Buenos Aires, Argentina

18:00	**Closing of the day**

19:00	**Visit of the museum and Aperitif at "Imperiale Contrada della Giraffa"** Meeting point: Via delle Vergini, 27, 53100 Siena, Italy

20:00	**Dinner** **Contrada della Giraffa,** Via delle Vergini, 27, 53100 Siena, Italy

DAY 2 – MORNING

November 15th 09:00 – 13:00 CET

08:30 – 09:00   **Registration**

Opening Session
09:00 – 09:10   **Opening remarks**

Session: Research and regulatory perspective for technology development

Chair: Hemma Bauer

09:10 – 10:40   **Johannes Haubold**
Clinical AI-Integration
University Hospital Essen, Germany

Marlene Thomas
Precision Medicine's Journey to Transforming Healthcare
Roche, Switzerland

Saheli Datta Burton
Responsible Personalised Medicine: It all starts here
University College London-STS, United Kingdom

Panel Discussion

10:40 – 11:20   **Coffee Break**

Session: Collaboration of research and healthcare providers to foster innovations

Chair: Gianni D'Errico

11:20 – 12:50   **Jean-François Mangin**
A large instrument for population neuroimaging
NeuroSpin, CEA, France

Hermann Nabi
Optimising the integration of innovations from personalised medicine into healthcare: we need different stakeholders working together in COLLABORATION
Université Laval, Canada

Robert Doczi
Computer-Assisted Treatment Decision in Precision Oncology
Genomate Health, Hungary

Panel Discussion

| 12:50 – 13:00 | **Closing Remarks** |
| 13:00 – 14:00 | **Lunch Break** |