

SPEAKERS

Samson Adegbe, GeneMap, Nigeria
Djillali Annane, Hôpital Raymond-Poincaré, France
Monika Frenzel, ANR, France
Nicola Gentili, IRCCS Istituto Romagnolo per lo Studio dei Tumori "D. Amadori" (IRMST), Italy
Ramiro Gilardino, Global Health Technology Assessment lead, Switzerland
Francesco Ghini, IRCCS IRMST, Italy
Agnes Kiragga- Data Science and Evaluation unit ,APHRC, Kenya
George Michuki, Founder and CEO of the Africa Genomics Centre, Kenya
Teresia Nyawira, NACOSTI, Nairobi
Begonya Nafria, Patient Engagement in Research Coordinator, Sant Joan de Déu Research Foundation, Barcelona, Spain
Rokhaya Ndiaye Diallo, University Cheik Anta Diop, Dakar, Senegal
Lilian Njagi, Kenya Medical Research Institute (KEMRI), Kenya
Alexandru Padurean, Project Adviser Health and Digital Executive Agency, HADEA
Stefan Wagner, Aarhus University, Denmark
Maria Jose Ruiz Alvarez, D.G.R.I.C. Ministero della Salute, Italy
Erika Sela, Innovatec, EU-Africa PerMed Project Coordinator, Spain
Giuseppina Sgandurra, INNOVATE Lab Child Neurologist and Psychiatrist- Department of Developmental Neuroscience, IRCCS Fondazione Stella Maris, Pisa, Italy
Urielle Ullmann, ULB University, Belgium
Mark van Gils, Decision Support for Health Tampere University, Faculty of Medicine and Health Technology, Finland
Marta Vicente-Crespo, African Population & Health Research Center (APHRC), Kenya
Mohamed Zahir, Muhimbili University of Health and Allied Sciences, Dar es Salaam, Tanzania
Chiara Zingaretti, IRCCS IRMST, Italy

The **EU Africa PerMed project** is funded by the European Commission's Horizon 2020 programme and aims to integrate African institutions into the International Consortium for Personalised Medicine and enhance collaborations between African and European countries in the field of personalised medicine (PM).

Capacity building as a key area for collaboration to build bridges between the PM research communities in both regions. It includes training and capacity building activities, such as webinars and in-person interactive training events or "Summer Schools".

Scientific and Technical Organization:

APHRC: **Rita Karoki:** rkaroki@aphrc.org; **Topistar Karani:** tkarani@aphrc.org; **Marta Vicente:** mvicente-crespo@aphrc.org

Italian Ministry of Health: **Maria Jose Ruiz Alvarez,** mj.ruizalvarez-esterno@sanita.it

This 2nd Summer School is focused on the Implementation of PM research. Implementing PM research outcomes on practices and technologies in healthcare settings requires training, infrastructure development, and coordination among healthcare providers. Ensuring that PM is seamlessly integrated into clinical workflows is essential.

Our primary objective is first to equip participants with knowledge and skills to set up their research under the scope of PM Implementation and second, to support the creation of research networks.

This training event includes lectures on key topics followed by group work where participants analyse a case study, respond to a questionnaire or perform other interactive work with their peers. Participants will be provided with bibliography on the topics to be covered. At the end of the event, participants will fill up an evaluation test based on the content of the lectures to obtain their certificate of attendance.

This 2nd Summer School has been set up by the Italian Ministry of Health in collaboration with the African Population and Health Research Center (APHRC), and with the support of the ECRIN, INNOVATEC, IRESSEF and all the EU Africa PerMed consortium

**EU Africa
PerMed**

2nd EU Africa PerMed Summer School IMPLEMENTATION OF PERSONALISED MEDICINE RESEARCH Hybrid format 21 - 23 May 2024



**KCB Leadership Center, Nairobi, Kenya
Mall Hotel & Convention Center
21 - 23 May 2024**

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EU Africa PerMed, List of Participants

Networking Session I

Abbas Abel Anzaku, Institute of Human Virology, Nigeria
Adeturinmo Mary, Imperial College London
Amuzu Dominic Selorm Yao, WACCBIP, Ghana and MRC Unit
Gambia
Atulinda Linda, Patient Centered Care Movement Africa
(PaCeM-Afro)
Benzoni Giorgia, University Milano Bicocca
Bindawa Maryam Ibrahim, Kaduna State University, Kaduna,
Nigeria
Coulibaly Safiatou, Institut Pasteur Côte d'Ivoire
Curreli Cristina, IRCCS Rizzoli Institute, Italy

Networking Session II

De Palma Giuseppe, IRCCS Istituto Tumori "Giovanni Paolo II"
Bari, Italy
El Mabrouk Haifa, Higher Institute of Biotechnology of
Monastir
Eyasu Mebrahtu, Saint Paul's Hospital Millennium Medical
College, School of Medicine, Department of Pharmacology,
Addis Ababa, Ethiopia.
Hanitratina Nomenjanahary Léonnie, Institut Pasteur de
Madagascar
Kamau Beatrice, Nairobi City County, Kenya
Latosinska Agnieszka, Mosaiques-diagnostics GmbH,
Hannover, Germany
Mischak Harald, Mosaiques Diagnostics, Hannover, Germany
Mahdouani Marwa, Laboratory of Human Cytogenetics,
Molecular Genetics and Reproductive Biology
Maifata Sadiq, Federal University Of Lafia
Monchusi Bernice, Council of Scientific and Industrial
Research
Moukouma Constantin, National Institute of Health Sciences
Research (IRSSA)

Networking Session III

Nguelefack-Mbuyo, Elvine Pami University of Dschang
Ouragini Houyem, Pasteur Institute of Tunis
Patrick Muhumuza, MRC/UVRI and LSHTM
Rass Atarah, Stellenbosch University
Ratbi Ilham, University Mohammed V, Rabat
Redelinghuys Shane, National Institute for Communicable
Diseases
Said Bibie, Kibong'oto Infectious Diseases Hospital
Sakwa James, Masinde Muliro university of science and
technology
Salhi Nawel, Institut Pasteur in Algeria
Salma Mahmoud, Suez Canal University

Networking Session IV

Othman Houcemeddine, Department of Genetics, Farhat
Hached University Hospital, Sousse, Tunisia
Moretti Federica, University of Milano Bicocca, Italy
Sarr Pierre Diaga, Cheikh Anta Diop University of Dakar
Traversa Debora, Cancer Institute "Giovanni Paolo II" IRCCS -
Bari
Vlahou Antonia, Biomedical Research Foundation
Academy of Athens
Wekesa Eliyah, Kenya medical research institute
Wesonga Rissy, Antares Genomics

AGENDA

DAY 1: Tuesday May 21, 2024

08,00-08,30 Registration
08,30-08,50 Welcome & Opening : Alexandru Padurean, Marta
Vicente, Erika Sela
08,50-09,10 Introduction and training event's objectives.
Maria Jose Ruiz. Round table: Presentation of participants
09,10-10,00 S1: Introduction to PM Implementation & Research
Understanding Personalised Medicine.
Marta Vicente-Crespo
Breakout Session 1
10,00-10,15 Coffee & Tea break
10,15-12,40 S2: Non-Communicable and Hereditary Diseases.
Bring up the status of research on hereditary diseases in Africa: genetic
diversity relates to diseases. Breast Cancer. Rokhaya Ndiaye Diallo

Breast Cancer: European and African families. Urielle Ullmann
Personalised Prognostics and Diagnostics for Improved Decision Support
in Cardiovascular Diseases (Project PerCard), Mark van Gils
Breakout Session 2
12,40-13,30 Networking Session I
13,30-14:30 LUNCHTIME
14,30-16,00 S3: Infectious Diseases under PM approach
Rapid Recognition Of Corticosteroids Sensitivity Or Resistance In Sepsis
(iRECORDs), Djillali Annane
HIV and TB under a Personalised Medicine point of view, Lilian Njagi
Breakout Session 3
16,00-17,50 S4: Current PM Landscape : Perspectives from Clinicians
and Patients
A review on Genomic research and PM. Clinical stories from Kenya,
George Michuki
Patient Engagement in PM Research under Paediatric vision, Begonya
Nafria
Artificial Intelligence in Paediatric Neurological Diseases: Disorders for
Personalized evaluation and treatment, Giuseppina Sgandurra.
Breakout Session 4
17,50-18... Closing Remarks Maria Jose Ruiz
TEA & COFFEE NETWORK

DAY 2: Wednesday, May 22, 2024

08,15-08,20 Welcome and agenda: Marta Vicente Crespo
08,20-10,00 S5: Clinical studies under PM approach
Personalized Medicine Screening and Monitoring Programme for
Pregnant Woman Suffering from Preeclampsia and Gestational
Hypertension, Project WODIA, Stefan Wagner
Interaction between Clinical Research and Health Technology
Assessment to support decision making on the PM, Ramiro Gilardino
Breakout Session 5a
10,00-10,15 Coffee & Tea break
10,15-12,10 Artificial Intelligence on PM Research: Data Quality and
Interoperability (TRUMPET and FLUTE projects), Francesco Ghini and
Nicola Gentili
Pragmatic Clinical Trials applied to PM research (Impact project), Chiara
Zingaretti
Breakout Session 5b

12,10-13,10 LUNCHTIME

14,10-15,10 S6: Genetic Insights: Exploring the Connection to
PM

The Possibilities of Personalised Medicine from molecular
diagnostics point of view & Genetic counselling, Mohamed
Zahir

Catalyzing Africa's genomics renaissance: Empowering African
scientists for equitable progress, Samson Adegbe
Breakout Session 6

15,10-15,20 GROUP PHOTO & Coffee & Tea break

15,20-17,50 Networking Session II

17,50-18... Closing Remarks & SOCIAL DINNER

DAY 3: Thursday, May 23, 2024

08,15-08,20 Welcome and agenda: Maria Jose Ruiz
08,30-09,30 S7: International Research Collaboration Research
governance and ethics, Teresia Nyawira
PM journey and importance of international collaboration,
Monika Frenzel

9,30-10,30 Networking Session III

10,30-10,45 Coffee & Tea break

10,45-12,00 Implementation Network for Sharing Population
Information from Research Entities (INSPIRE) and implications
for PM, Agnes Kiragga

Introduction to Gaps and Challenges on PM-International
Clinical studies, Maria José Ruiz

Breakout Session 7

12,00-12,50 Networking Session IV

12,50-13,30 Strengthening EU-Africa collaboration in PM & the
EU-Africa PerMed Action Plan: Round table by EU Africa PerMed
consortium partners: Erika Sela, Monika Frenzel, Marta Vicente,
Teresia Nyawira

13,30-14,30 LUNCHTIME

14,30-15,30 Evaluation Test

Closing remarks

Maria Jose Ruiz, Erika Sela, Marta Vicente Crespo

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General Agenda for Breakouts/ Working groups:

1: Introduction to PM Implementation & Research

2: Non-Communicable and Hereditary Diseases.

3: Infectious Diseases under PM approach.

4: Current PM Landscape : Perspectives from Clinicians and
Patients

5 a,b: Clinical studies under PM approach

6 : Genetic Insights: Exploring the Connection to PM

7: International Research Collaboration