

**EU Africa PerMed 2<sup>nd</sup>. Summer School**  
**IMPLEMENTATION OF PERSONALISED MEDICINE RESEARCH**

KCB Leadership Centre, Nairobi, Kenya

Hybrid format

21 - 23 May 2024

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".

The integration of personalized medicine (PM) into national health systems is a complex process that requires careful planning and consideration of various key themes, as proposed in the literature.

In this way, our 2<sup>nd</sup> Summer School will be 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.

The 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 2<sup>nd</sup> Summer School of the EU-Africa PerMed consortium is set up by the African Population and Health Research Center (APHRC), in collaboration with the European Clinical Research Infrastructure Network (ECRIN), the Italian Ministry of Health, the Institute for Health Research Epidemiological Surveillance and Training (IRESSEF) and Innovatec.



<b>DAY 1: Tuesday May 21, 2024</b>	
<b>8h00 – 8h30</b>	<b>Registration</b>
<b>8h30 – 8h50</b>	<b>Welcome and opening</b> Dr Evelyn Gitau, Director of Research & Related Capacity Strengthening ,African Population & Health Research Center (APHRC), Kenya Dr Alexandru PADUREAN, Project Adviser Health and Digital Executive Agency, HADEA (TBC) Dr Erika Sela, Innovatec, EU-Africa PerMed Project Coordinator, Spain
<b>8h50 – 9h10</b>	<b>Introduction to the project and the training event’s objectives</b> Dr Maria José Ruiz Alvarez, DGRIC, Italian Ministry of Health, Italy <b>Round of introductions for participants in loco and online</b>
<b>SESSION 1 - Introduction to Personalised Medicine Implementation &amp; Research</b>	
<b>09h10 - 10h00</b>	<b>Understanding Personalised Medicine. Working groups</b> Dr Marta Vicente-Crespo, APHRC, Kenya
<b>10h00 – 10h15</b>	<b>TEA &amp; COFFEE BREAK</b>
<b>SESSION 2 - NON-COMMUNICABLE AND HEREDITARY DISEASES focused on Women’s Health</b>	
<b>10h15 – 12h00</b>	<b>1<sup>st</sup> Talk : Bring up the status of research on hereditary diseases in Africa, how much do we know about the genetic diversity in the continent as it relates to diseases. Breast Cancer</b> Dr Rokhaya Ndiaye Diallo, University Cheik Anta Diop, Dakar, Senegal  <b>2<sup>nd</sup> Talk: Breast Cancer: European and African families.</b> Dr Urielle Ullmann, VUB University, Belgium  Group work, case studies and discussions
<b>12h00 - 13h30</b>	<b>1st Talk : Personalized Medicine Screening and Monitoring Programme for Pregnant Woman Suffering from Preeclampsia and Gestational Hypertension (Project WODIA)</b> Dr Stefan Wagner, Aarhus University, Denmark  <b>2<sup>nd</sup> Talk : Personalised Prognostics and Diagnostics for Improved Decision Support in Cardiovascular Diseases (Project PerCard),</b> Dr Mark van Gils, Decision Support for Health Tampere University, Faculty of Medicine and Health Technology, Finland  Group work, case studies and discussions
<b>13h30-14h30</b>	<b>LUNCH</b>

<b>SESSION 3 - INFECTIOUS DISEASES</b>
--



EU Africa PerMed project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 964333

<p><b>14h30 – 16h00</b></p>	<p>1<sup>st</sup> Talk: <b>Rapid Recognition Of Corticosteroids Sensitivity Or Resistance In Sepsis</b> (iRECORDs), Dr Djillali Annane, Hôpital Raymond-Poincaré, France</p> <p>2<sup>nd</sup> Talk: <b>HIV and TB under a Personalised Medicine point of view</b>, Lilian Njagi, Kenya Medical Research Institute (KEMRI), Kenya</p> <p>Group work, case studies and discussions</p>
<p><b>SESSION 4 - Clinicians and Patients: Personalised Medicine Today</b></p>	
<p><b>16h00 – 17h30</b></p>	<p>1<sup>st</sup> Talk: <b>A review on Genomic research and PM. Clinical stories from Kenya</b>, George Michuki, Founder and CEO of the Africa Genomics Centre, Kenya</p> <p>2<sup>nd</sup> Talk: <b>Patient Engagement in PM Research under Paediatric vision</b>, Begonya Nafria, Sant Joan de Déu Research Foundation, Barcelona, Spain</p> <p>Group work, case studies and discussions</p>
<p><b>17h00 – 17h40</b></p>	<p><b>Closing Remarks / TEA &amp; COFFEE NETWORK</b></p>



DAY 2: Wednesday, May 22, 2024	
TIME	AGENDA ITEM
8h15 – 8h20	Welcome and agenda for the day
SESSION 5 – Clinical trials under Personalised Medicine approach	
8h20 – 10h00	<p><b>1st Talk: Introduction to Gaps and Challenges on PM International Clinical studies</b> , Dr Maria Jose Ruiz, Italy</p> <p><b>2nd Talk: Interaction between Clinical Research and Health Technology Assessment to support decision making on the PM</b> , Dr Ramiro Gilardino, Global Health Technology Assessment lead, Switzerland</p> <p>Group work, case studies and discussions</p>
10h00-10h10	TEA & COFFEE BREAK
10h10 – 12h10	<p><b>1<sup>st</sup> Talk: Artificial Intelligence on PM Research: Data Quality and Interoperability</b> (TRUMPET and FLUTE projects) Dr Francesco Ghini and Dr. Nicola Gentili, Istituto Romagnolo per lo Studio dei Tumori "Dino Amadori", Italy</p> <p><b>2<sup>nd</sup> Talk: Pragmatic Clinical Trials applied to PM research (Impact project)</b> Dr Chiara Zingaretti, Istituto Romagnolo per lo Studio dei Tumori "Dino Amadori", Italy</p> <p>Group work, case studies and discussions</p>
12h10-13h10	LUNCH
SESSION 6 : Genetic Chapter and the link with PM	
13h10 – 15h10	<p><b>1<sup>st</sup> Talk: The Possibilities of Personalised Medicine from molecular diagnostics point of view &amp; Genetic counselling</b>, Dr Mohamed Zahir, Muhimbili University of Health and Allied Sciences, Dar es Salaam, Tanzania</p> <p><b>2<sup>nd</sup> Talk: Catalyzing Africa’s genomics renaissance: Empowering African scientists for equitable progress</b> , Dr Samson Adegbe, GeneMap, Nigeria</p> <p>Group work, case studies and discussions</p>
15h10-15h10	GROUP PHOTO
15h10-15h20	COFFEE BREAK
SESSION 8- PRESENTATIONS BY PARTICIPANTS	
15h20 – 17h50	Presentations by Participants, Q&A
17h50-18h00	Closing Remarks
18:00	SOCIAL DINNER



--	--

<b>DAY 3: Thursday, May 23, 2024</b>	
--------------------------------------	--

<b>8h20 – 8h30</b>	<b>Welcome and agenda for the day</b>
--------------------	---------------------------------------

<b>SESSION 7 International Research Collaboration</b>	
---	--

<b>8h30 – 9h 30</b>	<p>1<sup>st</sup> Talk: <b>Research governance and ethics</b>, Dr Teresia Nyawira, NACOSTI, Nairobi</p> <p>2<sup>nd</sup> Talk: <b>The PM journey and importance of international collaboration</b>, Dr Monika Frenzel, ANR, France</p>
---------------------	---

<b>9h30 – 10h30</b>	<b>Following Presentations by Participants, Q&amp;A</b>
---------------------	---

<b>10h30 - 11h10</b>	<p>1<sup>st</sup> Talk: <b>Implementation Network for Sharing Population Information from Research Entities (INSPIRE) and implications for PM</b>, Dr Agnes Kiragga- Data Science and Evaluation unit ,APHRC, Kenya</p> <p>2<sup>nd</sup> Talk: <b>Overview of Research Collaboration Opportunities for Personalised Medicine</b>, Dr Maria José Ruiz Alvarez, Italian Ministry of Health</p>
----------------------	---

<b>11h10-11h20</b>	<b>TEA &amp; COFFEE BREAK</b>
--------------------	-------------------------------

<b>11h20 – 12h50</b>	<b>Strengthening EU-Africa collaboration in PM &amp; the EU-Africa PerMed Action Plan: Round table</b> by EU Africa PerMed consortium partners: Dr Erika Sela, Innovatec (Madrid, Spain) and Dr Monika Frenzel, ANR (France), Dr Evelyn Gitau African Population & Health Research Center (APHRC), Kenya
----------------------	--

<b>12h50 – 13h15</b>	<b>Evaluation Test</b>
----------------------	------------------------

<b>13h15-13h30</b>	<p><b>Closing remarks</b></p> <p><b>Dr Erika Sela, EU Africa PerMed Program Coordinator</b></p> <p><b>Dr Evelyn Gitau, APHRC, Kenya</b></p>
--------------------	---

<b>13h30 – 14h30</b>	<b>LUNCH</b>
----------------------	--------------

<b>14h30 – 17h00</b>	Departure
----------------------	-----------

