

# 3rd EU-Africa PerMed Stakeholder Workshop

## Presentation of speakers

Day 1- Wednesday, 26 June 2024

### Opening session

#### **Souleymane Mboup**

*Founder and Executive Director of IRESSEF, Senegal.*



Professor Souleymane Mboup is the founder and Executive Director of the Institute for Health Research, Epidemiological Surveillance, and Training, namely IRESSEF. He is a pharmacist and virologist, renowned scientist for his significant contributions to the analysis and control of HIV/AIDS in West Africa, particularly in Senegal.

Professor Mboup played a key role in the initial identification of HIV-2. As of Microbiologist at the University of Dakar, he served on several global HIV organizations. He is also the author or co-author of 450 publications and 20 books, including a monumental and comprehensive treatise titled "AIDS in Africa".

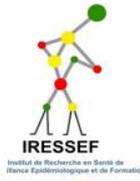
#### **Jean-Luc Sanne**

*Senior expert in Directorate General for Research and Innovation, European Commission.*



Jean-Luc Sanne received the PhD degree in neurosciences at the University Claude Bernard of Lyon (France). He has been a research fellow in the United States at the University of Georges Town in Washington DC and then at the National Institutes of Health. After an experience in the private sector, in 2000 he joined the European Commission as a Scientific Officer. He is there devoted to the definition and to the implementation of health research programmes and policies of the European Union.

He was in charge of the in vitro diagnostics at the Health Directorate of Directorate-General for Research & Innovation since 2002, contributing to the orientation and to the development of European initiatives in the emerging field of Personalised Medicine, as senior expert in Directorate-General for Research and Innovation – People. Since October 2023, he is an active senior of the EC, working for the same Directorate-General.



## 3rd EU-Africa PerMed Stakeholder Workshop

### Anta Tal-Dia

*Chair of the Senegalese Ethics Committee and Professor in Public Health, Senegal.*



Ms. Anta TAL-DIA is a pediatrician and a Professor in Public Health. She holds a Certificate of Special Studies (CES) in Pediatrics and a CES in Public Health from the Cheikh Anta Diop University of Dakar (UCAD), a Diploma of Advanced Studies in Clinical Epidemiology and Evaluation health actions and a Certificate in Health Economics from the University of Nancy in France. She capitalizes on nearly 40 years of activity in the fields of teaching and research in nutrition, maternal and child health, environmental health and health systems. From 2000 to 2019, she headed the Preventive Medicine Department at UCAD and directed at the same time the renowned Institute of Health and Development, School of Public Health of UCAD. She has published more than 140 articles in peer-reviewed journals, and authored of a book on malnutrition and has contributed to four published works. She is a member of associations, including the Senegalese Association of Public Health Professionals, the West African College of Physicians and the National Academy of Sciences and Techniques of Senegal. She was a member of the International Bioethics Committee of UNESCO from 2014 to 2019, elected vice-president for Africa from 2015 to 2017. She chairs the Advisory Committee for Vaccination in Senegal and the National Ethics Committee for health research in Senegal.

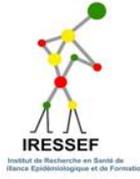
### Erika Sela

*EU-Africa PerMed coordinator and Senior Consultant. Innovatec, Spain.*



Dr. Erika Sela is Senior Consultant and co-founder of Innovatec, a Spanish consultancy firm with a broad and long-term expertise in R&I activities. She has a bachelor's degree in biology. She has over 30 years' experience in R&D management activities in different positions and organizations. During the last years, her main activity has been dedicated to European projects, both as coordinator of actions as well as participating in different projects in the fields of health research, Responsible Research and Innovation and personalised medicine. She has also expertise in monitoring and evaluation of R&D projects and programmes, and is the co-author of the publication "Impact oriented monitoring: A new methodology for monitoring and evaluation of international public health research projects" (<https://doi.org/10.1093/reseval/rvu034>)

She is now the coordinator of the H2020 project EU-Africa PerMed: Building Links Between Europe and Africa in Personalised Medicine.



## 3rd EU-Africa PerMed Stakeholder Workshop

### Keynote lecture: “Personalised Medicine and its potential for healthcare and healthcare systems”

#### Andres Metspalu

*Professor of Genomics and Biobanking, Estonian Genome Center, University of Tartu, Estonia.*



Professor Andres Metspalu (MD 1976, PhD 1979), from the Institute of Genomics and the Institute of Molecular and Cell Biology at the University of Tartu, has main scientific interests in human genetics, the genomics of complex diseases, and population-based biobanks, with a special emphasis on the application of precision medicine in health care. In 2010, he was elected to the Estonian Academy of Sciences. Prof. Metspalu is a past president of the European Society of Human Genetics (2005-2007) and has served on several national and international committees, including as a board member of the Mission for Cancer in Horizon Europe (until December 2021), a member of the coordination group, and lead/co-lead of WG10 and WG12 in the EU 1+Million Genomes Initiative, among others. In 2024, he was elected as a full member of Academia Europaea.

### Keynote Lecture: “EU-Africa PerMed Action Plan: a roadmap for facilitating, fostering and promoting the collaboration of Africa and Europe in Personalised Medicine”

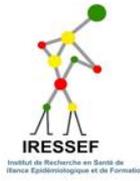
#### Monika Frenzel

*International Coordinator, French National Research Agency (ANR), France.*



Dr. Monika Frenzel, International Coordinator in the Biology and Health department of the French National Research Agency (L'Agence Nationale de la Recherche, ANR), represents ANR in several transnational collaborations and international funding programmes, particularly in the field of Personalised Medicine, i.e. the International Consortium for Personalised Medicine, ICPeMed and the Coordination and Support Action (CSA) EU-Africa PerMed “Building Links Between Europe and Africa in Personalised Medicine”.

Monika Frenzel was highly involved in the preparations of the European Partnership for Personalised Medicine, EP PerMed, notably as co-lead of the Drafting Group (development of the Draft proposal of the EP PerMed and the Strategic Research and Innovation Agenda for Personalised Medicine, SRIA for PM, 2023) and the Writing Group (EP PerMed proposal development). In the EP PerMed, she is leading the Work Package 2 on “Personalised Medicine Research-related Funding and Support”. Monika Frenzel completed her PhD in Physical Biochemistry and Radiation Biology and worked as researcher in the field of cytogenetics and cohort studies.



## 3rd EU-Africa PerMed Stakeholder Workshop

### Keynote Lecture: “Advantages of cross-border/international collaboration to foster PM”

#### Marleen Temmerman

*Director of the Centre of Excellence in Women and Child Health, Aga Khan University East Africa, Kenya.*



Dr. Marleen Temmerman, Professor of Obstetrics and Gynaecology, Director of the Centre of Excellence in Women and Child Health, Aga Khan University East Africa, based in Nairobi, Kenya. AKU-UNESCO Chair on Youth Leadership in Science, Health, Gender and Education. Formerly, she was the Director of the Department of Reproductive Health and Research at WHO (Geneva) and Founding Director of the International Centre of Reproductive Health at Ghent University with sister organizations in Kenya and Mozambique, and a large global collaborative academic network. She also served as an elected Senator of the Belgian Parliament (member of the Commission Social Affairs, Chair of the Commission Foreign Affairs) and as Vice-President of the European Parliamentary Forum (Chair of the HIV/AIDS Advisory Group of the Inter-Parliamentary Union).

Marleen has a strong academic and scientific background with over 600 publications in the area of women, children and adolescents' health and rights (Hirsh Index 102). She is an international member of the US National Academy of Medicine, an international honorary member of the American Academy of Arts and Sciences and a fellow of the Royal College Obstetricians and Gynaecologists, and the African Academy of Sciences. She received the BMJ Lifetime Achievement Award in 2010 and was honored as Moran of the Burning Spear by President Kenyatta in 2019.

### Panel Discussion: “Key Actions for African/European Collaboration - Findings from EU-Africa PerMed”. Moderator: Monika Frenzel

#### Population Genomics

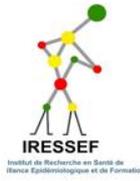
#### Michèle Ramsay

*Director of the Sydney Brenner Institute for Molecular Bioscience Human Genetics, South Africa.*



Professor Michèle Ramsay is director of the Sydney Brenner Institute for Molecular Bioscience (SBIMB), Professor in Human Genetics and South African Research Chair in Genomics and Bioinformatics of African Populations at the University of the Witwatersrand, Johannesburg (South Africa). She is a member of the Human Heredity and Health in Africa Consortium (H3Africa) where she leads the AWI-Gen study on the genetic and environmental contributions to obesity and cardiometabolic disease risk in six centers across four African countries.

Her research aims to shed light on the role of African population genomic variation in susceptibility to diseases, given the ethnolinguistic and environmental diversity across the continent. The



## 3rd EU-Africa PerMed Stakeholder Workshop

SBIMB has a research focus to support translational genomics in Africa. Michèle is the past President of the International Federation of Human Genetics Societies and the African Society of Human Genetics. She is co-chair of the International Health Cohorts Consortium (IHCC), member of the formative phase of the African Population Cohorts Consortium (APCC) and member of the WHO Technical Advisory Committee on Genomics (TAG-G).

### Infrastructures and Resources

#### Jacques Demotes

*Director General of the European Clinical Research Infrastructure Network (ECRIN), Europe.*



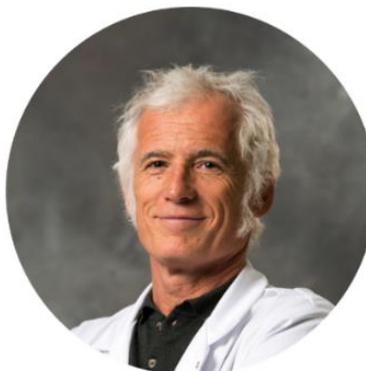
Professor Jacques Demotes is the director general of the European Clinical Research Infrastructure Network (ECRIN), which he founded in 2004. In this role, he is responsible for the strategy and overall management of the infrastructure with the support of the ECRIN Management Office (located in Paris, France), the ECRIN European Correspondents (located in each Member / Observer country), and ECRIN's Scientific Partners (i.e., national networks of clinical trial units).

A neurologist and professor of cell biology, Demotes is an advisor to the biology and health research department at the French Ministry of Higher Education and Research. While at ECRIN, he has contributed to numerous initiatives and collaborative projects related to multinational clinical trials. In particular, he chaired the working group that drafted the Organisation for Economic Co-operation and Development (OECD) Council Recommendation on the Governance of Clinical Trials.

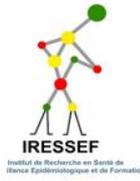
### Access to Technology and experts, education and training

#### Xavier Jouven

*Co-Founder of the African Research Network for non-communicable diseases, INSERM/APHP, France.*



Professor Xavier Jouven is professor in cardiology and in epidemiology at University Paris cite. He is the head of the Institute of Global Health of Paris University and serves as Director of the integrative epidemiology research team at INSERM-PARCC. He co-founded the African Research Network for Non-Communicable Diseases (20 sub-Saharan countries). He has been teaching how to implant pacemakers all over Africa for more than 30 years. He was a member of INSERM scientific committee and board (2004-11), and the head of the department of cardiology, surgery and transplantation, European Georges Pompidou Hospital, Paris, France (2012-23) He founded in 2011 the Paris Sudden Death Expertise Center.



## 3rd EU-Africa PerMed Stakeholder Workshop

He has been honored with esteemed awards, including the INSERM research award, the Fondation pour la Recherche Médicale award and the Grand Prix of the Académie des Sciences award. For service rendered for Africa, he received the Senegalese nationality by the Senegalese President. His research is centered on sudden death, artificial intelligence and non-communicable diseases in sub-Saharan Africa.

Prof. Jouven is actively involved in numerous national and international projects, collaborating with experts from diverse fields. He published numerous articles in the best journals such as NEJM, Lancet, JAMA, among others.

### Data Collection and Sharing

#### Sofonias Kifle Tessema

*Program Lead for Pathogen Genomics, Africa CDC, Ethiopia.*



Dr. Sofonias Tessema is the Program Lead for Pathogen Genomics at the Africa CDC. Sofonias received a PhD degree from the Walter and Eliza Hall Institute at the University of Melbourne and was a postdoctoral scholar at the University of California in San Francisco. Sofonias is passionate about capacity building for the implementation of genomic and digital epidemiology for public health in Africa.

### Healthcare Infrastructure and Awareness

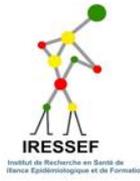
#### Astrid Vicente

*Senior Researcher, National Institute of Health Dr. Ricardo Jorge, Portugal.*



Dr. Astrid Vicente is a senior researcher in biomedical sciences and public health and Head of the Department of Health Promotion and Non-Communicable Disease Prevention at the National Institute of Health Doutor Ricardo Jorge, in Lisbon, Portugal, and Professor at the University of Lisbon.

Astrid combines expertise in Human Genomics and Public Health. She has a long-term research interest on the role of genes and gene-environment interactions in the etiology and biological processes underlying non-communicable diseases. She is also very interested in the translation of biological knowledge into personalised strategies for diagnostics, medical care and prevention, and in the implementation



## 3rd EU-Africa PerMed Stakeholder Workshop

of genomics in healthcare systems, promoting equitable access to Personalised Medicine for all.

Astrid Vicente served two consecutive terms as elected Vice-Chair of the International Consortium for Personalised Medicine (ICPerMed), and currently leads the Working Group on Policy and Strategy. She represents the Ministry of Health of Portugal and is a member of the Coordination Group of the European 1+Million Genomes Initiative (1+MG). Astrid Vicente is also coordinating the development of the National Strategy for Genomic Medicine in Portugal.

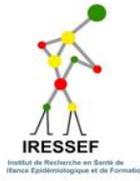
### Ethical and Legal considerations

#### Walter Jaoko

*Director of KAVI-Institute of Clinical Research, University of Nairobi, Kenya.*



Walter Jaoko is a Professor of Medical Microbiology and Tropical Medicine and Director of KAVI-Institute of Clinical Research, at University of Nairobi, and aExtraordinary Professor of Medicine at Stellenbosch University. He holds medical and doctoral degrees from University of Nairobi, and a masters' degree in tropical medicine from Liverpool School of Tropical Medicine. He has thirty-five years of experience in teaching and research in infectious disease transmission, pathology, treatment, prevention, and control in which he has published over 200 articles in peer-reviewed scientific journals. Prof. Jaoko has a keen interest in health research ethics and received advanced training in research ethics through a Fogarty Grant of the NIH, leading to a Postgraduate Diploma in Health Research Ethics from Stellenbosch University, and in addition has a masters' degree in global bioethics from Anahuac University. He is a member of various scientific bodies including the Belgian Red Cross Scientific Advisory Board, the Expert Committee on Clinical Trials of Kenya's Pharmacy and Poisons Board (the national regulatory authority), Strathmore University Research Ethics Committee, and the WHO Research Ethics Committee. He is also a Fellow of the Africa Academy of Sciences (AAS).



## 3rd EU-Africa PerMed Stakeholder Workshop

Day 2, Thursday, 27 June 2024

### Keynote lecture: “Collaboration in Cancer”

#### Christine Chomienne

*Professor of Cellular Biology, Université Paris Diderot, France & Cancer Mission, Europe.*



Christine Chomienne is a Professor of Cellular Biology at Université de Paris, France, and currently serves as Vice-Chair of the Mission Board Cancer at the European Commission. She was previously Director of Research and Innovation at the French National Cancer Institute (INCa) and Director of the Cancer Institute of France Research Organisations (Inserm & AVIESAN).

Dr. Chomienne qualified in medicine at Université Paris Diderot, received her hematology certification in 1983, and earned her PhD in 1989. She has led many scientific and clinical committees in Europe and France and directed the Cell Biology Department at Hôpital Saint Louis and the Inserm Research Laboratory at the Institut Universitaire d'Hématologie for 25 years. She established the Institute of PhD Schools at Université Paris Diderot and coordinated an ITN Marie Curie FP7 on Cancer Stem Cells. Dr. Chomienne has over 270 peer-reviewed publications and has received several scientific and governmental awards.

### Roundtable discussion: Recommendations for the future, how to sustain the EU-Africa PerMed work further beyond the project life (sustainability of collaboration).

Moderator: Rizwana Mia

#### Industry perspective

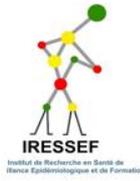
#### Astrid Kiermaier

*Personalised Health Care Leader, Hoffmann-La Roche, Switzerland.*



Astrid Kiermaier is leader for Personalized Healthcare (PHC) in early research and development (pRED) at the Roche Innovation Center in Basel, Switzerland. In her current role she drives the PHC strategy for pRED. This includes forming partnerships to enable data access, generating insights to inform R&D decisions and executing use cases and pilots to test technology and new analytical approaches.

Previously, she was leading translational research as Director and Site Head for Oncology Biomarker Development, both in Basel and Shanghai. Astrid Kiermaier joined Roche in 2001 where she drove the implementation of diagnostic tests to enable treatment decisions for targeted therapies in breast and other cancer indications. Through her focus on late stage drug development she established many academic collaborations in clinical and biomarker research contributing to the advancement of personalized cancer treatment. Astrid is a molecular biologist by training with a major in infectious diseases and received



## 3rd EU-Africa PerMed Stakeholder Workshop

her research training at Weill Cornell Medical College, USA and University of Münster, Germany. Astrid holds a PhD from the University of Heidelberg, Germany where she entered the field of Oncology studying mechanisms of gene regulation by c-myc.

### Research and University perspective

#### Rokhaya Ndiaye

*Chair of the Human Genetics Department, Cheikh Anta Diop University, Senegal.*



Rokhaya Ndiaye is Professor of Human Genetics, holding the chair of Human Genetics at the Faculty of Medicine, Pharmacy and Odontostomatology at University Cheikh Anta Diop in Senegal. She did her basic training in Pharmacy at University Cheikh Anta Diop and completed a PhD in Human Genetics at University Paris 7 in France. Prof. Ndiaye's research interests focused on the role of genetic variation in cancer predisposition with a focus on breast/ovarian and oral cancers. She is also participating in unravelling the genetic diversity of the West African population to pave the way for the implementation of personalized medicine in the near future. She is leading the Senegalese Reference genome project SEN-GENOME. She is the President of the Senegalese Society for Human Genetics (S2GH), member of the executive committee of the African Society of Human Genetics (AfSHG) and expert of the WHO Technical Advisory Group on Genomics.

### European Commission perspective

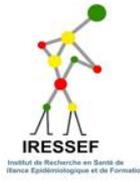
#### Vincenzo Lorusso

*Policy officer of the DG Research and Innovation, European Commission, Europe.*



Dr. Vincenzo Lorusso works as a Policy Officer at the European Commission, DG Research and Innovation (DG RTD), where he is in charge of Research and Innovation cooperation with the African Union, multilaterally, and bilaterally, with Nigeria, Rwanda and South Africa. He chairs, from the EU side, the "AU-EU Innovation Agenda Working Group of the High-Level Policy Dialogue (HLPD) on Science, Technology and Innovation". He also acts as a sherpa of the Governing Board of the "Global Health European and Developing Countries Clinical Trial Partnership 3 (EDCTP3) Joint Undertaking". Prior to joining the European Commission, Vincenzo worked for eight years in the pharmaceutical industry as Head of Research and Innovation for infectious parasitic diseases, while also co-supervising MSc and PhD projects focused on Public Health and Rural Development in Africa, through an Honorary Research Fellowship at the University of Salford, UK.

Vincenzo's educational background combines a blend of life sciences and social sciences, including a Master's in International



## 3rd EU-Africa PerMed Stakeholder Workshop

Development and African Studies (Sciences Po, Paris), which followed a PhD with in Public Health and Rural Development in Africa, and particularly in Nigeria (University of Edinburgh, UK), and a first degree as Doctor of Veterinary Medicine (University of Bari, Italy). He also holds a High-Level Executive Diploma in Diplomacy & Health (The Graduate Institute, Geneva).

### African Union Perspective

#### Lukovi Seke

*Strategic Initiatives, Directorate of Technical Co-operation and Programme Funding. AUDA-NEPAD, Africa.*



Lukovi Seke has a 15-year expertise in strengthening capacities of almost 43 African Union Member States to measure science, technology and innovation (STI) in leading the current phase (2021-2025) of the African Science, Technology and Innovation indicators (ASTII) Programme. The core R&D and innovation indicators produced by Member States support both evidence-based policy formulation/review and policy-target tracking (STISA-2024, SDG 9.5). He is a master's degree (MCom, University of Pretoria) holder in Economics of Trade and Investment and a BCom in Mathematical Economics (University of Kinshasa). He served as board member in various civil society organisations in being assigned executive positions at the academic, national, regional and continental levels.

### Funding programme perspective: the EDCTP partnership

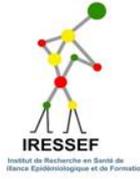
#### Thomas Nyirenda

*Strategic Partnerships & Capacity Development Manager and Head of the Africa Office at EDCTP.*



Dr. Thomas Nyirenda is the Strategic Partnerships & Capacity Development Manager and Head of the Africa Office at EDCTP. He is a clinician and public health scientists with extensive experience in planning and implementing community disease control programs, conduct of operational research and clinical trials including capacity development in Africa. From 1993 to 2000, Dr. Nyirenda worked with the Ministry of Health in Malawi, where he gained experience in the administration of district and national health delivery systems as well as in health research.

Between 2000 and 2004, he served as a national and international technical advisor for the World Health Organization, focusing on the control and research of TB and TB/HIV co-infection in Africa. He has published and contributed to numerous publications in the field infectious diseases research. Dr. Nyirenda joined EDCTP in 2004. He is also Extra-ordinary Senior Lecturer in Department of Global Health of



## 3rd EU-Africa PerMed Stakeholder Workshop

Stellenbosch University in South Africa and member of several advisory boards of health research programmes working in Africa.

### International Platform Perspective: ICPeMed (EP-PerMed)

**Monika Frenzel.** *International Coordinator, French National Research Agency (ANR), France.*

### Rountable Discussion: Support and mentor the development of regional personalised medicine consortia in Africa. Moderator: Patrice Debré

#### East Africa Region

##### **Teresia Nyawira**

*Principal Scientist, Health and Biological Department, NACOSTI, Kenya.*



Teresia Nyawira currently serves as a Principal Scientist in the Health and Biological Sciences Department of the National Commission for Science Technology and Innovation, Kenya. Ms. Nyawira has a Masters in Immunology from Kenyatta University (Kenya), a second Masters in Global Bioethics from Anahuac University (Mexico) and is currently pursuing a PhD in Molecular Medicine. Ms. Nyawira has been instrumental in the regulatory process of research activities in Kenya, particularly in ensuring ethical standards are adhered to in research. She has participated in the establishment of national structures and development of regulatory frameworks for ethical review of research activities as well as capacity development of ethics review committees. She has served in the secretariat National Scientific and Ethics Review Committee for five years. Ms. Nyawira serves as the Institutional Coordinator of the EU-Africa Personalised Medicine project.

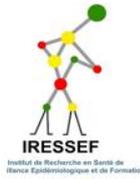
#### Southern Africa Region

##### **Rizwana Mia**

*Senior Program Manager and Vice-Chair of ICPeMed, SAMRC, South Africa.*



Rizwana Mia is a leader in health innovation with 16 years of experience, scientific expertise and strategic thinking with her educational background including Genetics & Business Administration. Her achievements include: establishing the South African Precision Medicine Program, the SAMRC Genomics Centre and currently, the South African 110,000 Human Genome Program. She plays a pivotal role as the South African lead in the CSA- EU-Africa PerMed project consortium, fostering collaboration in personalised medicine research & innovation. Newly appointed Vice-Chair of the International Consortium for Personalised Medicine- ICPeMed. She is actively involved in international collaborations and serves on expert panels for industry leaders.



## 3rd EU-Africa PerMed Stakeholder Workshop

### West and Central Africa Region

#### Badara Cisse

*Senior Scientist, Epidemiology Unit, IRESSEF, Senegal.*



Badara Cisse is a Senior Scientist at IRESSEF. He holds a degree in Medicine (1991, Senegal), a master's degree in Epidemiology in 2002 from the London School of Hygiene & Tropical Medicine (LSHTM, University of London) and PhD in Public Health in 2005, LSHTM. From 2007 to 2014, he was an LSHTM lecturer in malaria prevention and control. On secondment in Senegal at his own University (UCAD), he initiated and managed a large and complex research program on malaria control and elimination worth US\$12.1 million. He joined IRESSEF in December 2016 to lead the Epidemiology Unit. Basically, with responsibilities that include 1) strategic and scientific leadership to facilitate IRESSEF development as a new hub of excellence in West Africa; 2) detection of talents, training and mentoring junior scientists; 3) protocols development, fundraising and project coordination. Before joining the LSHTM, Badara had the privilege to lead the field activities of the Institut Pasteur "Dielmo Project", a longitudinal prospective study to monitor and analyse the causes of fever in rural Senegal. From 2014 to 2016, as senior technical advisor at MACEPA PATH, he got involved in development of protocols, training manuals and field implementation guides. Among personal achievements, he designed and led to WHO recommendation an innovative tool for malaria prevention, namely seasonal malaria chemoprevention or SMC. In 2007, Badara secured an EDCTP Senior Fellowship grant to determine the best antimalarial combination therapy for SMC. All these studies led to publications in *The Lancet* and in other top-ranked peer-reviewed journals.

### Northern Africa Region- Francophone countries

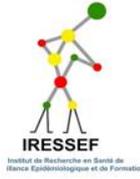
#### Yosr Hamdi

*Researcher in Cancer Genomics and Precision Medicine, Pasteur Institute, Tunisia.*



Yosr Hamdi is a biologist and researcher at the Pasteur Institute of Tunis. She is specialized in cancer genomics and precision medicine. She serves as an expert in the World Health Organization (WHO) and is a member of the WHO- technical advisory Group on Genomics. Dr. Hamdi is also a member of several international consortia, including BCAC, CIMBA, H3ABioNet, and H3Africa and a founder member of the Tunisian Society of Human Genomics (TSHG).

She started in the field of human genetics in 2004 with the Human Genome Project at Laval University in Quebec, Canada. She then obtained a master's degree in Cellular and Molecular Biology from the Faculty of Medicine at Laval University, Canada. In 2009, she joined the Genomics Center at the Research Center of the University Hospital of



## 3rd EU-Africa PerMed Stakeholder Workshop

Laval (CRCHUL) in Quebec, Canada, where she got a PhD degree in Molecular Medicine.

By combining genomics, molecular biology, bioinformatics and precision medicine. Dr. Hamdi currently leads the Genome Tunisia Collaborative Alliance (GTCA) and the PerMediNA Consortium (Personalized Medicine In North Africa) to continue research on cancer genomics in African populations and to implement genomic medicine and precision oncology in North Africa.

### Northern Africa Region- Egypt

#### Amr Radwan

*Research Director of the Egyptian Center for Innovation, Technology and Development (ECITD), Egypt.*



Amr Radwan has a clinical pharmacology background with professional industry experience. He is currently the research director at the Egyptian Center for Innovation & Technology Development. He is also a board member of the Medical Research Council in Egypt and has managed the national priority-setting project in health research. He supervised national funding programs for health research and Knowledge & Technology Alliances (KTA) in Egypt. He is a supervisor of research and innovation at the Egyptian Academy of Scientific Research & Technology and has served as adjunct Professor at Nile University. Amr holds an MSc. & PhD in Pharmacology from Cairo University. He has also earned a Master of Business Administration (MBA) and a Diplomas in investment management and Intellectual Property Rights.

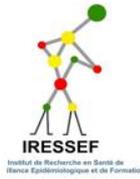
### Rountable Discussion Moderator

#### Patrice Debré

*Honorary Professor of Immunology, Institute National De La Santé Et De La Recherche Médicale (INSERM), France.*



Patrice Debré received his degrees in Medicine from Paris University in 1971. He subsequently became specialist in hematology. His research career includes: a research fellowship at the Harvard Medical School, USA, in the department of the Nobel Prize winner Baruj Benacerraf, head of clinics at the department of hematology at the Paris University Pitié-Salpêtrière Hospital, Professor of Immunology at the Pierre and Marie Curie Paris University and the first chairman of the clinical department of immunology at the Pitié-Salpêtrière Hospital (1981). He was (1983-2013) director of several CNRS and INSERM units, then of a Federative Institute of Immunology, Cancer and Infection. He contributed to more than 450 peer reviewed articles concerning various aspects of clinical and translational research in immunology and Immunopathology.



## 3rd EU-Africa PerMed Stakeholder Workshop

Professor Patrice Debré actively worked internationally and became the French minister of Foreign Affairs (2009-2011) and French ambassador for the fight against HIV / AIDS and communicable diseases. He was the French representative at the board of most multilateral organizations fighting against pandemics, including the Global Fund, UNITAID, RBM, UNAIDS (2008-2011) and EDCTP (2003-2012). In addition to these international activities related to medicine, he became chair of the board of CIRAD, the major French institution dedicated to international research in agriculture, including zoonosis and food security (2004-2010). In parallel, Professor Patrice Debré was appointed at major positions in French administration of science and education.