

# AFROSCREEN regional symposium: a genomic surveillance network for emerging pathogens

May 29th and 30th, 2024,  
Dakar, Sénégal



May  
29<sup>th</sup>

- 8:30-9:00am**      **Welcome coffee**
- 9:00-9:30am**      **Opening of the meeting - Welcome**  
Eric D'Ortenzio, *AFROSCREEN Project Scientific Manager, ANRS MIE, France*  
Ibra Ndoye, *President of the scientific council AFROSCREEN, CRCF, Sénégal*  
Anne Roos Weil, *Social Protection, AFD, France*  
Laurent Viguié, *Cooperation and cultural action advisor, Ambassade de France au Sénégal, Sénégal*  
Sofonias Tessema, *Program Manager Africa Pathogen Genomics Initiative, Africa CDC*  
Representative of the Senegalese Ministry of Health, Senegal
- 9:30-9:50am**      **WHO genomic surveillance strategy for pathogens**  
Oluwatosin Akande, *Pandemic Preparedness Global Platforms (PGP), OMS*
- 9:50-10:10am**      **Africa Pathogen Genomics Initiative - Africa CDC's flagship initiative**  
Sofonias Tessema, *Program Manager Africa Pathogen Genomics Initiative, Africa CDC*
- 10:10-10:30am**      **AFROSCREEN: background, objectives, partners and overall results**  
Eric D'Ortenzio, *ANRS MIE, France*
- 10:30-11:00am**      **Coffee break**



### Session 1

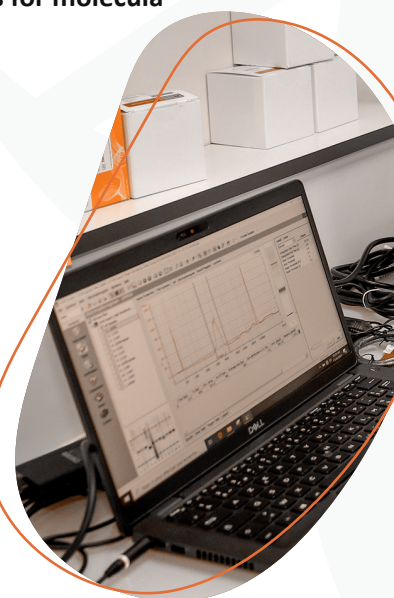
## AFROSCREEN's role in strengthening genomic surveillance capacities in Africa

- Moderators :**      Martine Peeters, *IRD, France*  
Pierre Roques, *Institut Pasteur de Guinée, Guinée*
- 11:00-11:20am**      **Strategic choices and evolution of methodological approaches for molecular typing in the AFROSCREEN network**  
Ahidjo Ayoub, *IRD, France*
- 11:20-11:40am**      **Laboratory capacity strengthening**  
Moussa Moïse Diagne, *Institut Pasteur de Dakar, Sénégal*
- 11:40-12:00pm**      **Setting up sentinel surveillance systems**  
Ousmane Taofiki, *INSP / Centre MURAZ, Burkina Faso*
- 12:00-12:20pm**      **Setting up family investigations**  
Rila Ratovoson, *Institut Pasteur de Madagascar, Madagascar*
- 12:20-12:40pm**      **Discussion with the audience**
- 12:40-2:00pm**      **Lunch break**



## AFROSCREEN's role in the "One Health" approach

- Moderators :**      Coumba Toure Kane, *Université du Sine Saloum, Sénégal*  
Emmanuel Nakoune, *Institut Pasteur de Bangui, République centrafricaine*
- 2:00-2:40pm**      **Use of sequencing in emerging infectious diseases**  
Richard Njouom, *Centre Pasteur du Cameroun, Cameroun*  
Ange Yadouleton, *Laboratoire des Fièvres Hémorragiques Virales (LFHV) / IRCB, Bénin*



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- 2:40-3:00pm**     **Setting up interdisciplinary investigations, with a «One Health» approach**  
Eddy Lusamaki, *Institut National de Recherche Biomédicale, République Démocratique du Congo*
- 3:00-3:20pm**     **Discussion with the audience**
- 3:20-3:30pm**     **Poster session and coffee break**

## Session 2

### Round table : Role of genomic surveillance networks in the investigation of epidemics

**Moderators :** Valérie Caro, *Institut Pasteur, France*  
Hervé Kadjo, *Institut Pasteur de Côte d'Ivoire, Côte d'Ivoire*

**4:30-6:00pm**     Silvia Argimon, *OMS*  
Lamine Dia, *CHU de Fann, Sénégal*  
Mahamadou Abdou Diallo, *Institut National de Santé Publique, Mali*  
Emilande Guichet, *IRD, France*  
Alpha Kabinet Keita, *CERFIG, Guinée*  
Dramane Kania, *ISNP/Centre MURAZ, Burkina Faso*  
Adamou Lagare, *CERMES, Niger*  
Mounerou Salou, *BIOLIM, Togo*

**6:00-6:10pm**     **End of Day 1**  
Koussay Dellagi, *Institut Pasteur, France*  
Nicole Prada, *ANRS MIE, France*

**8:00pm**     **Cocktail reception**



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**8:30-9:00am**     **Welcome coffee**

## Session 3

### Integrated surveillance of emerging epidemics

**Moderators :** Charles Kouanfack, *CREMER, Cameroun*  
Isaac Tiembre, *Institut National d'Hygiène Publique, Côte d'Ivoire*

**9:00-9:20am**     **Current status of genomic surveillance in Africa**  
Rachel Achilla, *OMS AFRO, Centre régional de gestion des situations d'urgence, Sénégal*

**9:20-9:40am**     **South Africa's experience in implementing integrated surveillance of emerging epidemics**  
Monika Moir, *University of Stellenbosch, Afrique du Sud*

**9:40-10:00am**     **Contribution of the Humanities and Social Sciences**  
Albert Gautier Ndione, *CRCF pour le Réseau Anthropologie des Epidémies Emergentes (RAEE), Sénégal*

**10:00-10:20am**     **Discussion with the audience**

**10:20-10:50am**     **Coffee break**



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#### Session 4

**Round table :** How can microbial genomics monitoring be incorporated into national integrated surveillance systems ?

**Moderators :** Xavier Berthet, *Institut Pasteur de Dakar, Sénégal*  
Nicolas Meda, *ISNP/Centre MURAZ, Burkina Faso*

**10:50-12:30am** Abdoul-Salam Ouedraogo, *ISNP/Centre MURAZ, Burkina Faso*  
Amadou Moctar Dièye, *Ministère de la Santé, Sénégal*  
Jacqueline Wembo Halatoko, *Institut National d'Hygiène, Togo*  
Abdourahmane Sow, *Institut Pasteur de Dakar et OOAS, Sénégal*  
Issa Sogli, *Ministère de la Santé, Burkina Faso*  
Fodé Amara Traoré, *Ministère de la Santé, Guinée*

**12:30-2:00pm** **Lunch break**



#### Session 5

**Round table :** How can the AFROSCREEN network contribute to Africa CDC's policy of pan-African surveillance of infectious diseases ?

**Moderators :** Sara Eyangoh, *Centre Pasteur du Cameroun, Cameroun*  
Raoul Moh, *Association PAC-CI, Côte d'Ivoire*

**2:00pm-3:30pm** Eric D'Ortenzio, *ANRS MIE, France*  
Moussa Moïse Diagne, *Institut Pasteur de Dakar, Sénégal*  
Adrienne Aziza Amuri, *INRB, République Démocratique du Congo*  
Sofonias Tessema, *Africa CDC*  
Abdoulaye Toure, *CERFIG, Guinée*

**15h30-15h45 :** **Poster awards ceremony**

**4:00-4:10pm** **Closing**  
Eric Delaporte, *AFROSCREEN project Scientific Coordinator for IRD, IRD, France*  
Koussay Dellagi, *AFROSCREEN project Scientific Coordinator for Institut Pasteur, Institut Pasteur, France*  
Eric D'Ortenzio, *AFROSCREEN Project Scientific Manager, ANRS MIE, France*  
Sofonias Tessema, *Program Manager Africa Pathogen Genomics Initiative, Africa CDC*  
Amadou Moctar Dièye, *Director of laboratories, Ministry of health, Senegal*

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