

INNOVATIONS TO FIGHT RESPIRATORY DISEASES

Prevention, research and treatments

December 3-4th 2024

Biocitech Paris-Romainville

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Program

Tuesday december 3rd, 2024

9h30 Welcome Coffee and registration

10h00-10h30 Keynote lecture

10h00-10h30 **Claire ANDREJAK**, CHU Amiens-Picardie, Présidente SPLF (Société de Pneumologie de Langue Française)
Maladies respiratoires = un réel enjeu de santé publique en 2024

10h30-11h30 Session 1 - Research and Innovations

Chairs : **Mustapha SI-TAHAR**, INSERM U1100, CEPR, Faculté de médecine Tours and **Olivier MONCORGÉ**, IRIM - UMR9004 (Institut de Recherche en Infectiologie de Montpellier)

10h30-10h50 **Olivier MONCORGÉ**, IRIM - UMR9004 (Institut de Recherche en Infectiologie de Montpellier)
Prepared for the next virus pandemic: The APPEAL project

10h50-11h10 **Mustapha SI-TAHAR**, INSERM U1100, CEPR, Faculté de médecine Tours
Metabolic control of lung inflammation

11h10-11h30 **Geneviève HÉRY-ARNAUD**, INSERM U1078, CHU Brest, Faculté de Médecine, Université de Brest
Lung microbiota: a new frontier in diagnosing and treating respiratory diseases

11h30-12h30 Discussions - Session 1

12h30-14h00 Buffet lunch and posters viewing

14h00-15h30 Session 2 - Experimental models

Chair: **Christian PELLEVOISIN**, *MatTek & Urbilateria consulting*

14h00-14h20 **Jan MARKUS**, *MatTek*

Applications of 3D tissue engineering of the human upper and lower respiratory system in basic and applied research

14h20-14h40 **Hanan OSMAN-PONCHET**, *PKDERM*

Advances in In Vitro Modeling of Lung Diseases: Focus on Precision-Cut Lung Slices (PCLS) Model

14h40-15h00 **Speaker to be confirmed**, *Chiesi*

Digital Twin of the human respiratory system

15h00-15h10 **Joachim CONFAIS**, *Cynbiose*

Non-Human Primate Models (NHP) of respiratory viral infections (title to be confirmed)

15h10-15h30 **Speaker to be confirmed**

15h30-16h00 Coffee break and posters viewing

16h00-17h00 Session 3 - Innovative therapeutics and diagnostics approaches

Chair : **Geneviève HÉRY-ARNAUD**, *INSERM U1078, CHU Brest, Faculté de Médecine, Université de Brest*

16h00-16h20 **Sylvia COHEN-KAMINSKY**, *Université Paris-Saclay/start-up Alsymo*

The vascular NMDA receptor in PAH, an out-of-the-box academic scientific strategy towards therapeutic innovation

16h20-16h40 **Thomas GUILLARD**, *PU-PH Bacteriology, Reims*

Rapid identification of respiratory pathogens at patient's bedside

16h40-17h00 **Pierre BURGUIÈRE**, *GenoScreen*

Detection of resistant forms of Mycobacterium tuberculosis (NGS)

17h00-18h00 Discussions - Session 2 and 3 (with all speakers and chairs)

18h00-20h30 Cocktail and networking

Wednesday december 4, 2024

Prevention, air pollution and environmental aspects

8h30 Welcome Coffee

9h00-10h00 Flash Scientific Posters

9h00-9h05	Scientific Poster 1
9h05-9h10	Scientific Poster 2
9h10-9h15	Scientific Poster 3
9h15-9h20	Scientific Poster 4
9h20-9h25	Scientific Poster 5
9h25-9h30	Scientific Poster 6
9h30-9h35	Scientific Poster 7
9h35-9h40	Scientific Poster 8
9h40-9h45	Scientific Poster 9
9h45-9h50	Scientific Poster 10
9h50-9h55	Scientific Poster 11
9h55-10h00	Scientific Poster 12

10h00-12h30 Session 4 - Prevention, inner air pollution and environmental aspects

Chair : Fabien SQUINAZI, *Health and environment consultant, Faculté de médecine de Paris*

10h00-10h30 **Samuel CONSTANT**, *Epithelix*
Advanced immunocompetent in vitro primary human lung models for toxicity evaluation of airborne fibers and nanomaterials

10h30-10h50 **Emmanuel PIEDNOIR**, *Université Caen Normandie*
Prevention of viral respiratory infections

10h50-11h10 **Olivier COUROT**, *IAGE (Ingénierie et Analyse Génétique Environnementale) Montpellier*
Environment Detection of pathogens (title to be confirmed)

11h10-11h25 Coffee break and posters viewing

- 11h25-11h45 **Frédéric MAUNY**, CHRU Besançon
Sanitary warnings to the population and medical care professionals in case of atmospheric pollution episodes (title to be confirmed)
- 11h45-12h05 **François GAIE-LEVREL**, Coordinateur Recherche, AirParif
Strategy of ventilation and aeration of facilities in case of exceptional epidemic situation
- 12h05-12h25 **Philippe DUQUENNE**, INRS
Workplace respiratory risks management (title to be confirmed)

12h30-13h00 **Discussions - Session 4 and final conclusions**

13h00-15h00 *Buffet lunch and networking*

15h30 **Conference ends**