



# INNOVATIONS TO FIGHT RESPIRATORY DISEASES

*Prevention, research and treatments*

December 3-4th 2024

Biocitech Paris-Romainville

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## SILVER SPONSORS



**Chiesi**



**EPITHELIX**

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## Program

**Tuesday december 3<sup>rd</sup>, 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  
*A preclinical platform for the investigation of respiratory viral infections in the NHP model*
- 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**, Directrice de recherche CNRS, Inserm UMR\_S999, Université Paris Saclay  
*The vascular NMDA receptor in PAH (Pulmonary Arterial Hypertension), an out-of-the-box academic scientific strategy towards therapeutic innovation*
- 16h20-16h40 **Thomas GUILLARD**, Université de Reims Champagne-Ardenne, Inserm UMR-S 1250 P3Cell, CHU de Reims, Laboratoire de bactériologie-Virologie-Hygiène hospitalière, Reims, France  
*Lessons Learned from Using the FilmArray Pneumonia Panel Plus in the Field*
- 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*

**9h00-9h45 Flash Scientific Posters**

**9h45-10h00 Flash Corporate Presentations**

9h45-9h50 [Chiesi](#)

9h50-9h55 [Epithelix](#)

9h55-10h00 [MatTek](#)

**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](#)  
*Early detection and quantification of human pathogens in the environment*

*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 **Evelyne GÉHIN**, [Université Paris-Est Créteil](#)  
*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**