

## **CURRICULUM VITAE (June 2021)**

**Claire JANOIR** (53 years old)

**Professor of Bacteriology at the Faculty of Pharmacie, Université Paris-Saclay**

**Head of the academic research team BaPS, Micalis Institute**

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### **FORMATION, RESEARCH EXPERIENCE AND POSITIONS**

- From 1st of January 2020: Head of the academic research team BaPS, Micalis Institute (INRA-AgroParisTech-Université Paris-Saclay)
- 2015-2019: Head of the academic university research unit EA 7359: "Pathogenic bacteria and Health"
- 2013-present: Professor in Bacteriology, Faculté de Pharmacie, Université Paris-Sud
- 2008-2017: associate member of the National Reference Center for the Pneumococcus (CNRP), directed by Dr E. Varon, European Hospital Georges Pompidou, Paris, France.
- 1999-2013: Associate Professor in Bacteriology, Faculté de Pharmacie, Université Paris-Sud; member of the academic research team EA 4043 "Ecosystem Digestive and Health"
- Habilitation à diriger les recherches ("HDR") (2007)
- PhD in Microbiology (1998), University Paris-Sud, under supervision of Prof. L. Gutmann: "Mechanism of pneumococcal resistance to fluoroquinolones"
- Doctor of Pharmacy, Université Paris-Sud (1993)

**51 PUBLICATIONS in peer-review international journals indexed in PubMed (including 5 reviews).**

**8 invited conferences (including 4 in international congresses)**

### **RESEARCH ACTIVITIES**

The research developed in my laboratory aims at understanding the interactions between the host and *Clostridium difficile* which lead to the colonization of the host and I have been working on this topic since my recruitment as Assistant Professor in 1999.

To address this question, I used to combine several approaches: characterization of surface-associated proteins involved in colonization and their regulation by environmental conditions and global analysis of bacterial adaptation to the host by genome-wide in vivo transcriptomics. More recently, I developed studies on the link between host colonization and the formation of biofilm by *C. difficile*.

In addition, during 10 years (2008-2017), I worked on the epidemiology of pneumococcal invasive diseases as part of my work at the CNRP. I focused particularly on the survey of serotypes distribution and resistance phenotypes of isolated strains in France after implementation of vaccines conjugates.

### **TEACHING RESPONSABILITIES**

I am teaching basic and clinical microbiology at the faculty of Pharmacy (Université Paris-Sud).

I am responsible of the Master 2 Research "Microbiologie (Bactéries, Virus, Parasites): Microbiotes, Agents pathogènes et Thérapeutiques anti-infectieuses" (Master MBVP, 25-30 students/year, Université Paris-Saclay).

Since the beginning of 2021, I have been deputy director of the Graduate School "Health and Drug Sciences" of the University Paris-Saclay, in charge of students training.