

Scientific Speed Dating: CV form for mentors

First & Last name: Prof. Julie TOUBIANA

Affiliation: General Paediatrics and Paediatric infectious diseases (Chair), Paris, France & Université Paris Cité

Career in brief (please specify only the principal steps):

Julie Toubiana is a French pediatric infectious diseases specialist, currently Prof. of Infectious diseases and Hospital Practitioner at Hôpital Necker–Enfants Malades, Paris.

She earned her MD in Paediatrics and Infectious diseases, and PhD in Immunology from Université Paris Cité. She got the Habilitation to Direct Research in 2019. After serving as Associate Professor (2013–2023), she became full Professor in 2023.

She leads the hospital's antimicrobial stewardship (AMS) team, which she helped establish, supporting the management of complex infections in immunocompromised children and patients undergoing major surgical procedures.

At the Institut Pasteur, she is Deputy Director of the National Reference Centers for *Bordetella* infections and Diphtheria and conducts research on pertussis immunity and vaccine impact. She also coordinates national and European teaching programs in pediatric infectious diseases and antibiotic stewardship.

Author of over 140 scientific publications, she has received several national and international awards for her research and teaching contributions.

Main field of expertise (max 3 topics of interest):

- Paediatric infectious diseases
- Vaccine preventable diseases (ex. Pertussis, diphtheria)
- Antimicrobial stewardship

Personal statements about myself:

I have always been driven by a passion for caring for vulnerable children and understanding the complexity of infectious diseases. Working at Hôpital Necker–Enfants Malades has deepened my commitment to bringing science and compassion together in clinical care. Leading the antimicrobial stewardship team has been one of my proudest achievements, allowing me to build a collaborative approach to treating the

most fragile patients. My research at the Institut Pasteur connects my curiosity for scientific discovery with my desire to improve real-life outcomes, particularly in vaccine-preventable diseases such as pertussis. Teaching and mentoring young doctors and researchers at Université Paris Cité continually remind me of the purpose of my work : to share knowledge, inspire others, and contribute to a more thoughtful, responsible practice of medicine.