



X4 Pharmaceuticals–Sponsored Breakfast Symposium

# Natural History and Diagnostic Challenges of WHIM Syndrome

Please join us for an educational symposium discussing WHIM (Warts, Hypogammaglobulinemia, Infections, Myelokathexis) syndrome, a primary immunodeficiency/congenital neutropenia with a heterogenous presentation and potential long-term consequences. Learn about the natural history of the disease and new approaches that can aid in early and accurate diagnosis.

**Q&A to follow**

## SPEAKERS:

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### **Dr Nizar Mahlaoui, MD, MPH, PhD**

Pediatric Immuno-Hematology &  
Rheumatology  
Necker-Enfants Malades University Hospital  
Paris, France



### **Dr Raffaele Badolato, MD, PhD**

Professor of Pediatrics, Chair of Pediatric,  
ASST Spedali Civili di Brescia  
Chairman Post-graduate  
School of Pediatrics, University of Brescia  
Brescia, Italy

**Date:** Thursday, 28 April 2022

**Time:** 07:30–08:30

**Rooms:** Fenix IV-V-VI

**Breakfast will be provided**

Please also visit X4 Pharmaceuticals at our booth to learn more!

**Booth #XXXX**