

INTERNATIONAL IMMUNOLOGY SEMINARS JENA

Topic 2023: Translational Immunology



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Host-microbiota interactions during immune responses

Wednesday, June 14, 2023, 4:00 pm (CET)

Online:

Zoom Meeting Room: <https://uni-jena-de.zoom.us/j/66429496329>

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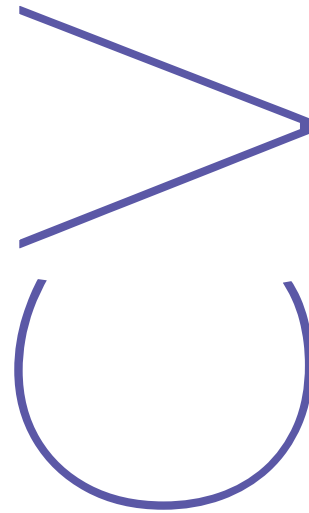
Organizer:

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Simone Becattini

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Simone Becattini obtained his PhD from ETH Zurich in 2015, carrying out his experimental work at the Institute for Research in Biomedicine in Bellinzona (Switzerland) under the guidance of Dr. Federica Sallusto and Dr. Antonio Lanzavecchia. During his PhD, Simone characterized the heterogeneity of human memory CD4 T lymphocytes primed by pathogens and vaccines. He then pursued postdoctoral training in the laboratory of Dr. Eric Pamer at Memorial Sloan-Kettering Cancer Center, where he focused on mucosal immunity and distinct facets of host-gut microbiota interaction, including colonization resistance and antibiotic degradation.

In 2020, Simone was awarded an Eccellenza Professorial Fellowship by the Swiss National Science Foundation and established his own laboratory at the Department of Pathology and Immunology, University of Geneva. Simone's lab works on different aspects of host-microbe interaction. A main axis of research aims to understand the functional (transcriptional and metabolic) adaptation of commensal microbes to distinct types of immune response, with the goal of identifying novel targets for intervention in pathological scenarios.

Recently, Simone was awarded a SNSF Starting Grant (ERC StG replacement measure) to investigate adaptive immunity to multidrug-resistant pathogens.

