



DEUTSCHE ZENTREN DER
GESUNDHEITSFORSCHUNG

DZG Lunchtime Career Talks

Role models share their advice -
discover your future career

VIRTUAL TALK SERIES

15.05.2024 1pm

**Success factor academic
network – cross DZG
connections**

Sébastien Boutin

UKSH Lübeck | DZIF & DZL

#ForschenfürGesundheit

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Dr. Sébastien Boutin graduated in Biology with a speciality in ecology and evolution in France. Then he conducted his PhD studies and postdoc focusing on microbiome and host/pathogen interaction at the University Laval, Canada. From 2014 to 2020, he focused his research on the lung microbiome in chronic lung disease, especially Cystic Fibrosis. He then took the lead of a junior group “Microbiome” at the Translational Lung Research Center Heidelberg until 2023. He is now the leader of a working group “Lung microbiome” in the Department of Infectiology and Microbiology at the UKSH Lübeck.

His group aims to elucidate the relationship between airway microbiome and clinical outcome in chronic lung diseases such as cystic fibrosis (CF), idiopathic pulmonary fibrosis (IPF) and chronic obstructive pulmonary disease (COPD). Their major research tools are next-generation sequencing (NGS) using Illumina and nanopore technologies and culturomics. The group is using targeted approaches (amplicons) as well as metagenomic and metatranscriptomics approaches to decipher the relationship between microbiome and clinical outcome. The translational goal of his group is to develop protocol and analytic tools providing clinical metagenomic for diagnostic purposes.

Registration



Contact

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