

PD Dr. rer. nat. Dominik Schwudke

born: 13.03.1974

Present Position:

Group Leader

Research Center Borstel – Leibniz Lung Center
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1. Academic Education:

- 1992-1998** Study of Chemistry at the Humboldt-Universität zu Berlin, Germany
1998 Diploma thesis: “Environmental Chemistry of Prussian Blue” Supervisor: Prof. Dr. F. Scholz, Humboldt-Universität zu Berlin, Germany
1999-2000 Research scholarship, Prof. Dr. M. Krüger, Veterinary Microbiology, Universität zu Leipzig, Germany
2000-2003 Doctoral study in the group of Prof. Dr. M. Linscheid (Humboldt-Universität zu Berlin) and with Prof. Dr. B. Appel / Dr. E. Strauch (Robert Koch Institute, Berlin)
2003 Ph.D. degree (magna cum laude), Thesis title: “*Biochemical and Genetic Approaches for the characterization of Bdellovibrionaceae, unique predatory bacteria*”
2017 Habilitation in Biochemistry at Universität zu Lübeck, Germany

2. Professional Experience:

- 2004-2009** Research scientist in the laboratory of Andrej Shevchenko, Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany
2009-2013 Principal Investigator (Reader F), National Centre for Biological Sciences (TIFR), Bangalore, India
since 2013 Research Group Leader, Bioanalytical Chemistry, Research Center Borstel - Leibniz Lung Center, Germany

3. Scientific Consortia:

- Since 2013** PI of the German Center for Lung Research (DZL)
Since 2013 Member of the EXCELLENCE CLUSTER Precision Medicine in Chronic Inflammation (PMI – Borstel, Lübeck, Kiel and Plön) and its predecessor Inflammation at Interfaces
Since 2015 Co-Coordinator of the Interest Group Lipid Analysis and Lipidomics of the German Society for Mass Spectrometry (DGMS)
Since 2015 PI of the German Center for Infection Research (DZIF)
Since 2015 Co-organizer of the Lipidomics Forum conference series
Since 2019 Member of Kiel Nano, Surface and Interface Science (KiNSIS)

Member of the German Society for Mass Spectrometry (DGMS), International Lipidomics Society (ILS) and Deutsche Gesellschaft für Metabolomforschung (DGMet).

Publication List ([Google Scholar profile](#)):