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**Natascha Sommer**      Prof. Dr. med., PhD  
d.o.b. April 29<sup>th</sup>, 1974, in Nuremberg, Germany

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### University Education

1995 - 2003      Medical School, Friedrich-Alexander University of Erlangen-Nürnberg and Justus Liebig University of Giessen

2004              Doctoral thesis ("cum laude"), Dr. med: „Influence of long term exposure of nitrous oxide on NMDA receptors in the brain of adult mice“; Friedrich-Alexander University Erlangen-Nürnberg

2004 – 2007      International Graduate Program “Molecular Biology and Medicine of the Lung” (MBML) as part of the “Giessen Graduate School of the Life Sciences (GGL)”

2005 – 2011      International PhD program at the Justus Liebig University

2011              PhD Thesis (“summa cum laude”): „Mitochondria and cellular cytochromes as oxygen sensors in hypoxic pulmonary vasoconstriction“; Justus Liebig University Giessen

2018              Venia Legendi in Internal Medicine (Habilitation); Medical Faculty of the Justus Liebig University Giessen

### Scientific Career

2004 – 2014      Resident at the Medical Clinic II, Justus Liebig University Giessen

2011 - 2018      Postdoctoral fellow in the research group of Prof. Weissmann, Justus Liebig University, Giessen

Since 2013      Member of the COST-Initiative „MitoEagle“  
Member of the German Centre for Lung Research (DZL)  
Member of “Universities of Giessen and Marburg Lung Center (UGLMC)”

2014              Board Certification „Internal Medicine“ (LÄK Hessen)

Since 2014      Clinician Scientist at the Medical Clinic II, Justus Liebig University Giessen; Sub-Investigator in clinical phase II/III trials

2018              Board certification „Pneumology“ (LÄK Hessen)

Since 2018      Junior Area Leader of the Excellence Cluster “Cardiopulmonary System (CPI)”: “Redox regulation: ischemia, hypoxia, and reactive oxygen species”  
Member of the Excellence Cluster “Cardio-Pulmonary Institute (CPI)”  
Senior Physician at the Medical Clinic II, Justus Liebig University Giessen  
Junior Research Leader of the Mitochondrial Research Group, Medical Clinic II, Justus Liebig University, Giessen

Since 2022      W2 (Tenure Track W3) Professorship for "Mitochondrial signalling in pulmonary vascular and airway diseases"

Since 2022      Adjunct Faculty Member of the Institute of Lung Health, Giessen

### Awards and Honors

2018              Basic research award of the German Society of Pneumology

**Citation Record:**    **Total citations: 2,364    h-index: 24**              (Google Scholar October 3<sup>rd</sup>, 2022)