

## **Curriculum vitae Katrin Hostettler Haack**

### **Personal Details:**

Name: Katrin Esther Hostettler Haack  
Date of Birth: December 17<sup>th</sup>, 1971  
Place of Birth: Basel, Switzerland  
Citizenship: Swiss  
Work-Address: Clinic of Respiratory Medicine and Department of Biomedicine, University Hospital Basel, Petersgraben 4, 4031 Basel, Switzerland  
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### **Academic Qualifications:**

1991-97 Studies in Human Medicine: Faculty of Medicine, University of Basel, Switzerland.  
1997 National Board examination  
1998 MD Thesis; Department of Internal Medicine, University Hospital Basel, Switzerland.  
11/01-03/04 Postgraduate studies: Doctor of Philosophy (PhD) by research; Respiratory Research Group, Department of Pharmacology, University of Sydney, NSW 2006, Australia. Prof. J.L. Black.  
08/07 Degree of Doctor of Philosophy awarded  
12/07 PhD Graduation  
05/13 Specialist Title Respiratory Medicine by the Swiss Medical Association (FMH).  
03/15 Habilitation/Venia docendi (associate professorship) for Respiratory Medicine, University of Basel.

### **Languages:**

German, English, French, Italian

### **Previous and Current Appointments:**

01/98-09/01 Resident/Registrar, Department of Internal Medicine, University Hospital Basel, Basel, Switzerland. Prof. Dr. med. A.P. Perruchoud.  
10/04-03/15 Resident/Registrar, Clinics of Respiratory Medicine and Research fellow, Pulmonary Cell Research, Department of Biomedicine, University Hospital Basel. Prof. Dr. med. M. Tamm, Prof. Dr. phil. M. Roth.  
04/15 - ongoing Clinics of Respiratory Medicine, University Hospital Basel; Senior Research fellow/project leader, Department of Biomedicine, University Hospital Basel.  
Current: Habilitierte Kaderärztin, Clinics of Respiratory Medicine, University Hospital Basel. Project leader, Pulmonary Cell Research, Department of Biomedicine, University Hospital Basel, University of Basel.

### **Institutional Function:**

- Habilitierte Kaderärztin, Clinics of Respiratory Medicine, University Hospital Basel, Switzerland.
- Head of the interdisciplinary expert panel for Interstitial lung diseases, University Hospital Basel.
- Project-leader Pulmonary Cell Research, Department of Biomedicine, University Hospital Basel. Full responsibility for all research projects on lung fibrosis, incl. own Project grant of the Swiss National Research Foundation "Fibrosis-specific lung progenitor cells: Role and therapeutic potential in Idiopathic Pulmonary Fibrosis" (310030\_192536)
- Member/mentor of the Mentoring Program of the University Hospital Basel (mentoring of young female academics)

### **Approved Projects:**

2001 Research grants from private foundations (Freiwillige Akademische Gesellschaft, Janggen-Pöhn-Stiftung, Theodor Engelmann Stiftung)  
2005 Research project supported by the Swiss Society of Respiratory Medicine. Title: The Mechanisms of Fibroproliferation in the Human Lung and Arising Therapeutic Options  
2010 Non-conditional grant from Actelion Pharmaceuticals, Switzerland, to support the conduct of a research project. Title: Endothelin in the Epithelial-Mesenchymal Trophic unit - Implications with regard to the pathogenesis of asthma, sarcoidosis, and fibrosis.  
2011 Non-conditional grant from Boehringer Ingelheim, Germany, to support the conduct of a research project. Title: Implication of BIBF 1120 in the pathogenesis of idiopathic pulmonary fibrosis: The effect of BIBF 1120 on cell differentiation and the epithelial-mesenchymal unit.  
2013 Non-conditional grant from Boehringer Ingelheim, Germany, to support the conduct of a research project. Title: Effect of nintedanib (BIBF 1120) on hyaluronic acid turnover by primary human lung myofibroblasts derived from patients with idiopathic pulmonary fibrosis

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- 2016 Research project supported by the Swiss Lung Association (Lungenliga Schweiz). Title: The microenvironment of stem cells in the fibrotic lung – does it matter?
- 2018 Non-conditional grant from Boehringer Ingelheim, Switzerland/Austria, to support the conduct of a clinical study. Title: Nintedanib in patients with bronchiolitis obliterans syndrome following hematopoietic stem cell transplantation – a multicentre phase II trial.
- 2019 Non-conditional grant from Boehringer Ingelheim, Switzerland/Austria, to support the conduct of a project. Title: MARTINI: A multidisciplinary care program for patients with lung fibrosis

#### Supervision and Teaching:

- Regular/annual conduct of tutorials and lectures in the “Themenblock Atmung” for medical students, Faculty of Medicine, University Basel.
- Supervision of PhD-student in the Pulmonary Cell Research group.
- Regular on-site teaching and structured education of residents/registrars in Respiratory Medicine, Clinics of Respiratory Medicine, University Hospital Basel.
- Regular lecturer activity at national meetings (e.g. MedArt 2019, 2021; Pneumologie Up-date 2017 and 2019)

#### Activity in Boards:

- 2015 Co-chair at the Annual Congress of the Swiss Society of Respiratory Medicine, Interlaken, June 11<sup>th</sup>/12<sup>th</sup> 2015.
- 2016 Invited speaker at the Annual Congress of the Swiss Society of Respiratory Medicine, Lausanne, June 15<sup>th</sup> – 17<sup>th</sup> 2016.
- 2017 Co-chair at the Joint Congress CHEST-Swiss Society of Respiratory Medicine, Basel, June 7<sup>th</sup> -9<sup>th</sup> 2017.
- 2019 Co-chair at the Annual Congress of the Swiss Society of Respiratory Medicine, Montreux, May 9<sup>th</sup>/10<sup>th</sup> 2019
- 2019 Co-chair at the Annual International Congress of the European Respiratory Society (ERS), Madrid, September 28<sup>th</sup> – October 2<sup>nd</sup> 2019
- Regular reviewer-activity for: European Respiratory Journal, PLOS ONE, Respiratory Research, Respirology, BMJ Open Respiratory Research, Breathe, Clinical and Translational Medicine, Canadian Respiratory Journal.
  - Advisory board member in national and international boards focussing on the treatment of lung fibrosis (Boehringer Ingelheim GmbH April 2015; November 2017; May 2019; September 2019; May 2021; September 2021. Roche Pharma AG October 2015; May 2016)

#### Scientific Board Member:

- Vice-president of the Special Interest Group “Interstitial, vascular and rare lung diseases” of the Swiss Society of Respiratory Medicine
- Member of the Commission Rehabilitation and Palliative Care of the Swiss Society of Respiratory Medicine
- Member of the European Respiratory Society
- Member of the Assembly “Diffuse Parenchymal Lung Diseases” of the European Respiratory Society

#### Organisation of Conferences:

Member of the scientific organizing committee for the Annual Congress of the Swiss Society of Respiratory Medicine 2019 and 2022

#### Awards and Scholarships:

- 2001 Scholarship for young academics from the Swiss National Research Foundation.
- 2003-07 Faculty Scholarship, Faculty of Medicine, University of Sydney, Sydney, Australia.
- 2006-09 Marie Heim-Vögtli-Scholarship from the Swiss National Research Foundation (PMCDB-110286). Title: The mechanisms of lung fibroproliferation and arising therapeutic options.
- 2005 Award by the Swiss Society of Internal Medicine for best publication 2005: M. Roth et al. Dysfunctional interaction of C/EBP $\alpha$  and the glucocorticoid receptor in asthmatic bronchial smooth-muscle cells. *New England Journal of Medicine*, 2004. 351: 560-74.
- 2009 Award by the Swiss Society of Respiratory Medicine for best publication 2009: K. Hostettler et al. Airway epithelium-derived transforming growth factor- $\beta$  is a regulator of fibroblast proliferation in both fibrotic and normal subjects. *Clin Exp Allergy* 2008;38:1309-1317.
- 2017 Award by the Scientific Program Committee of the Joint CHEST-Swiss Society of Respiratory Medicine Congress for best free communication 2017: K. Hostettler et al. Lung-derived mesenchymal stem cells exert anti-fibrotic effects in vitro.
- 2020 Project-Grant from the Swiss National Research Foundation (310030\_192536). Title: Fibrosis-specific lung progenitor cells: Role and therapeutic potential in Idiopathic Pulmonary Fibrosis.
- 2020 Award by the Scientific Program Committee of the Swiss Society of Respiratory Medicine abstract event for best oral communication 2020: K. Hostettler et al. Fibrosis-specific stem-like cells in peripheral IPF lung: characteristics and potential role.

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**Career Interruptions:**

03/04	Birth of first child
03/04-09/04	Maternity leave
10/08	Birth of second child
10/08-04/09	Maternity leave
	Part time working 60-80% since birth of first child.