

CURRICULUM VITAE

DR. MED. SABINA SCHMITT-GROHÉ



Office address: Children's Hospital Medical Center, University of Frankfurt,
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Marital status: Married to Dr.-Ing. Stephan Schneider, MA

EDUCATION

1984-86 Physicum, Premedical studies, University of Bochum, Germany
1986-91 M.D., University of Bonn, Germany
9/1988 Elective in cardiology at Mount Sinai Medical Center, New
York, NY
10/1990-2/1991 Subinternship in surgery, Bezirksspital Grosshöchstetten, affili-
ate of the University of Bern, Switzerland

RESIDENCY

02-03/1992 Neonatology internship, Children's Hospital of the Freie
Universität Berlin, Germany
05/1992-03/1999 Pediatric internship and residency, University Hospital for
Children and Adolescents, Friedrich-Alexander- Universität,
Erlangen-Nürnberg, Germany. (Investigator of the central study
center for : A comparative efficacy trial in Germany in infants
who received either the Lederle/Takeda acellular pertussis
component DTP (DTaP) vaccine, the Lederle whole-cell
component DTP vaccine or DT vaccine).
4/1996 Visitor at Dr.Cherry's laboratory, Dept of Pediatric Infectious
Diseases, UCLA Medical Center, Los Angeles, California
(*B.pertussis*-ELISA, Pulse field gel electrophoresis for
differentiation of *B.parapertussis* strains, [³H]Thymidine pulse-
measurement of cell mediated immunity to *B.pertussis*)

FELLOWSHIP

04/1999-4/2001 Pediatric pulmonary, allergology and cystic fibrosis
Children's Hospital Medical Center, University of Bonn,
Department of General pediatrics, Section for Allergy,
Pulmonary and Cystic fibrosis (Head: Prof. Dr. S.Zielen)

ATTENDING

since 10/01/99 Junior attending
03/2000 Svabhegyi Gyermekgyogyintezet Pediatric Institute, Budapest,
Hungaria, Course in rigid bronchoscopy with Prof. Székely

since 11/01/01 Interim head of the Section for Pediatric Pulmonary, Allergology
and Cystic fibrosis

11/12-16/2001 7th Pediatric Flexible Bronchoscopy Course (Prof. R. Wood),
Davos, Switzerland

11-19/09/03 Course (NIH sponsored) on Genetic approaches to Heart, Lung
and Blood Disease, Jackson Laboratory, Bar Harbor, Maine,
USA

since 04/01/06-30/11/14 Attending physician of the department of general pediatrics
Children's Hospital Medical Center, University of Bonn,
Department of General pediatrics, Section for Allergy,
Pulmonary and Cystic fibrosis

12-16/09/11 Molecular and Cellular Biology of the Epithelium in Health and
Disease (Pilot PhD programme in Biochemistry). Workshop:
Epithelial Membrane Signalling & Inflammation, Faculty of
Sciences, University of Lisboa, Portugal

14-18/11/11 Molecular and Cellular Biology of the Epithelium in Health and
Disease (Pilot PhD programme in Biochemistry). Workshop:
High-throughput Biology: From Transcriptomics to functional
genomics. Faculty of Sciences, University of Lisboa, Portugal

1/12/15-31/5/15 Spital Bülach, Dep. of Neonatology and Pediatrics, Bülach,
Switzerland

Since 15/10/15 Children's Hospital Medical Center, University of Frankfurt,
Department of General pediatrics, Section for Allergy,
Pulmonary and Cystic fibrosis.

CLINICAL EXPERIENCE AND EXPERTISE

- Asthma bronchiale, interstitial and other bronchiologic diseases, mucoviscidosis tuberculosis as well as atopic diseases (allergic rhinoconjunctivitis, atop.dermatitis, venom-, food-, and drug allergy, urticaria).
- Systemic immunotherapy (SIT) (conventional long term SIT, short term SIT, Ultrarush-SIT for bee and wasp venom and respective sting provocation)
- Drug and food provocation
- Lung function tests (bodyplethysmography, spirometry, forced oscillation) resp. baby lung function (Single occlusion).
- Exhalative nitric oxid measurement
- Bronchial provocation testing with methacholine as well as nasal provocation before rhinomanometry

- Allergy testing (Prick, Rast, Intracutan)
- Sweat test via pilocarpin iontophoresis
- Bronchoscopy (flexible and rigid)) with bronchoalveolar lavage and (if needed) carinal mucosal biopsy and foreign body extraction. Diagnostic evaluation of bronchoalveolar lavage or induced sputum (cytology)
- Workup (differential diagnosis of complex lung diseases/rare diseases)
- Evaluation of (complex) radiologic diagnostic measures (thorax x-ray, ultrasound pleura, HRCT and MR-Thorax).
- CO diffusion, assessment of compliance functional residual capacity (FRC).
- Expertise in pulmonary emergencies like intubation in respiratory failure, bronchoscopic lysis of mucoid impaction and extraction of foreign bodies, status asthmaticus, pneumothorax and insertion of pleural drain

THESIS RESEARCH

- 1993 Bronchodilating and protective effect during exercise of 6, 12 and 24 µg Formoterol, a new inhalative long acting β₂-agonist in children with exercise induced asthma. Thesis advisor: Prof. Dr.Berdel, Universitätskinderklinik Bonn (now: Marienhospital Wesel)

PH D (HABILITATION)

- 2008 Molecular mechanisms of inflammation in cystic fibrosis. Impact of cytokines, lipoproteins and leptin on clinical course in Delta F 508 homozygous patients

HONORS AND AWARDS

- 09-12/1981 Scholarship of the Province of Hessa at Sir Winston Churchill High School, Calgary, Canada
- 1994 Award of the International Society of Infectious Diseases for ‘Pertussis in German adults’
- 2003 Travel stipend for the North American Cystic Fibrosis Conference
- 2007 Travel stipend for the North American Cystic Fibrosis Conference
- 2008 Travel stipend for the North American Cystic Fibrosis Conference

EXAMS AND QUALIFICATIONS

1995	United States Medical Licensure Examination (USMLE) Step 2
1997	USMLE, Step 1
1999	Pediatric boards (german)
2001	Allergology (german)
2008	Pediatric pulmonary (german)
2015	Hermes Exam (Harmonised Education in respiratory Medicine for European Specialists) in Paediatric Respiratory Medicine der European Respiratory Society

ASSOCIATIONS AND MEMBERSHIP

Deutsche Gesellschaft für Kinderheilkunde (since 1993)
Deutsche Gesellschaft für Pädiatrische Infektiologie (since 1994)
American Society of Microbiology (since 1994)
European Respiratory Society (since 2002)
Gesellschaft für Pädiatrische Pulmologie (since 2002)
American Thoracic Society (since 2003)
Deutsche Gesellschaft für Pneumologie (since 2004)
European Cystic Fibrosis Society (since 2008)