

## PERSONAL INFORMATION

**Name:** Nina Khanna Gremmelmaier, born 13/10/1975  
**Address:** University of Basel Department Biomedicine, Hebelstrasse 20, CH-4031 Basel  
University Hospital Basel, Petersgraben 4, CH-4031 Basel  
**E-mail:** nina.khanna@usb.ch  
**OrCID:** 0000-0002-2642-419X/ **Scopus Author ID:** 7102045384  
**Position:** **Leading Senior Physician/Leitende Ärztin, Division of Infectious Diseases & Hospital Epidemiology, University Hospital Basel and Research Group Leader, Department of Biomedicine Infection Biology, University of Basel**

## EDUCATION / PROFESSIONAL EXPERIENCE

### Education and Training

**2017** Associate Professor (Titularprofessur) for Infectious Diseases, University of Basel, Switzerland  
**2011** Venia docendi (Habilitation), University of Basel Medical School, Switzerland  
**2010** FMH Infectious Diseases, Swiss Board Examination for Infectious Diseases  
**2008** FMH Internal Medicine, Swiss Board Examination for Internal Medicine  
**2002** MD, University of Basel, Switzerland  
**1997-2001** Medical Diploma, University of Basel Medical School, Switzerland  
**1995-1997** Medical studies, University of Fribourg Medical School, Switzerland

### Professional Experience (Clinical and Research)

**04/17- present** **Leading Senior Physician/Leitende Ärztin (70%), Division of Infectious Diseases, University Hospital Basel and Research Group Leader (30%), Department of Biomedicine Infection Biology, University of Basel**  
**10/15-03/17** Senior Staff Physician (20%), Division of Infectious Diseases and Hospital Epidemiology, University Hospital Basel  
**01/13-12/16** Research Group Leader (80%), Infection Biology Laboratory, Department Biomedicine, University of Basel  
**04/10-12/12** Deputy Research Group Leader (80%), Department Biomedicine, University of Basel and Staff Physician/Oberärztin (20%), Division of Infectious Diseases, University Hospital Basel (USB Basel)  
**10/08-03/10** Postdoctoral Fellowship, Gene- and Immunotherapy, University Hospital Würzburg, Germany  
**10/06-09/08** Assistant Doctor, Infectious Diseases and Research Fellow, Institute for Medical Microbiology, USB Basel  
**04/04-09/06** Assistant Doctor, Internal Medicine, USB Basel  
**07/03-03/04** Assistant Doctor, Pediatrics, Cantonal Hospital Baden and Zürich, Switzerland  
**02/02-05/03** Assistant Doctor, Division of Infectious Diseases, USB Basel

### Career breaks

Maternity leave 4/2011-8/2011 and 9/2014-1/2015

## SCIENTIFIC SOCIETY AND OTHER COMMITTEE PARTICIPATION

### Professional Memberships

**2013-present** European Society of Clinical Microbiology and Infectious Diseases (ESCMID)  
**2010-present** Executive Board Fungal Infection Network of Switzerland (FUNGINOS), Vice President (2017- )  
**2008-present** Infectious Diseases Working Group, Swiss Transplant cohort Study (STCS)  
**2008-present** Swiss Society for Infectious Diseases (SGInf)  
**2001-present** Swiss Medical Association (FMH)

### Institutional responsibilities (last 5 years) Member of the

**2020-present** Scientific Advisory Committee, Propatient – Research Foundation, University Hospital Basel  
**2020-present** Structural Commission for Professorship of Hematology Stem Cell Research, University Basel Medical Faculty  
**2020-present** Appeals Committee for Professorship of the Clinical Epidemiology, University Basel Medical Faculty  
**2018-present** Subcommission for the Promotion of Young Researchers (= SK2), University Basel  
**2017-present** Prizes Committee, Swiss Society for Infectious Diseases (SGInf)  
**2014-2018** Steering Committee of the University Basel Immunology Community (UBICO)

## ADDITIONAL SCIENTIFIC ACTIVITIES

### Collaborations, Advisory Boards, Consultancy and Data Safety Monitoring Board with Industry

**2018-present** Member of Data Safety Monitoring Board for Allegra Therapeutics SAS, France  
**2017-present** Consultancy on Respiratory Infection Research for Janssen Pharmaceutica  
**2014-present** Advisory boards on Antifungals for Gilead Science, DACH (Germany, Austria, CH)  
**2014-present** Advisory boards on Anti-infectives for Pfizer, Switzerland  
**2013-present** Advisory boards on Anti-infectives for Merck Sharp Dohme, Switzerland  
**Collaborations:** Debiopharm, Fibriant, Trellis Bioscience

### CERTIFICATION / HONORS

2019	“Science Award of the city of Basel” (Wissenschaftspreis der Stadt Basel)
2012	Alumni Award, Medical Faculty, University of Basel, Switzerland
2011	Robert Mathis Student Award for best presentation at the eCM XII Implant Infection Meeting Davos, Switzerland achieved by PhD Student J. Nowakowska
2009	Award for best clinical research paper, Swiss Society of Infectious Diseases (SSI), Geneva, Switzerland
2007	Best poster session of the 11th European Aids Clinical Society Conference, Madrid, Spain
2002	Thesis Award Mary & Ewald E. Bertschmann Foundation Award of the Medical Faculty Basel

### RESEARCH AND FUNDING (since 2013)

2019	Member of executive board of National Center of Competence in Research (NCCR) AntiResist. Total funding: SFr. 28 Mio (2020–2023), Federal funding: SFr. 17 Mio (2020–2023) headed by the University of Basel, Biozentrum
2018	Bangerter–Rhyner Grant: (SFr. 50'000): A Phase I/II single-center study to assess safety and feasibility of direct infusion of virus-specific T cells of 3rd party donors in patients with treatment-refractory viral infections
2018	MSD Merck Sharp & Dohme AG (SFr. 30'000): Unrestricted grant for Outpatient parenteral antibiotic treatment
2018	Debiopharm International S.A: Evaluation of Debio 1450 against 24-h biofilm in mouse tissue cage model (combination with: nafcillin, cefazolin, clindamycin, linezolid) (SFr. 120'000)
2017	Bangerter–Rhyner Grant: Immune-metabolic changes in neutrophils, monocytes and lymphocytes in patients suffering from gram-negative sepsis (SFr. 90'000)
2016	Swiss Transplant Cohort Study. Evolution of mold-specific T cells and NK cells and impact of T-helper 1 Cytokine and Natural Killer (NK) Cell Candidate Genes and on the Development and Outcome of Invasive Mold Infections in Patients after Allogeneic Hematopoietic Stem Cell Transplantation (SFr. 29'000)
2014	Stiftung Forschung Infektionskrankheiten 2014: Resistance Development to Silver in Staphylococcus aureus and Staphylococcus epidermidis, March 2014. (SFr. 18'000)
2013	Wissenschaftspool Medizin for the support of Swissmedic application and monitoring for a clinical trial. ClinTrials ID NCT02007356
2013	Commission for Technology and Innovation CTI. “HIT to LEAD to preclinical candidate development of a transcription repressor inhibitory compound (TRIC) that increase antibiotic susceptibility of multidrug resistant staphylococci”. KTI Project Nr.15235.1 PFLS-LS
2013	Swiss National Science Foundation. Ambizione – Grant No. PZ00P3_142403: Relevance of different CD4+ T-cell subsets for antifungal defense. What is aberrant in immunocompromised patients? (SFr. 813'000)
2013	Swiss National Science Foundation – Grant No. 3345-069366 # 699: Swiss HIV Cohort Study. Khanna N, Battegay M. Impairment of diff. TH subsets in HIV-inf. patients with Candida esophagitis-a nested case-control study. (SFr.55'000)

### TEACHING ACTIVITIES

2017-present	Themenblock: Vom Symptom zum Management und Notfallmedizin, Fieber beim immunsupprimierten Patient, 3. MA Studienjahr (34.0.1.5)
2017-present	Themenblock: Blut, Infektionen, Abwehr, Prolongiertes Fieber im Kindesalter und beim Erwachsenen, 1. MA Studienjahr (26.1.5.4)
2016-present	Themenblock: Nervensysteme und Sinnesorgane, Infektionen des Zentralnervensystems: Meningitis, 2. MA Studienjahr (29.2.5.1)
2015-present	Advanced Immunology - Immune Disorders and Immune Therapy, HIV – Immunity from the clinical perspective (Lecture no. 16515)
2014-present	Themenblock: Blut, Infektionen, Abwehr, Opportunistische Infektionen, 1. MA Studienjahr (26.1.7.3)
2011-present	Themenblock: Blut, Infektionen, Abwehr, Leukozyten (Granulozyten, Monozyten) im peripheren Blut, 1. BA Studienjahr (12.1.1.16)
2011-present	Pathophysiologie der Infektiologie (11865-01)
2015-2018	Endokarditis, 1. MA Studienjahr (21.1.6.3)
2013-2014	Wissenschaftsmonat
2011-2015	Molecular Medicine (22831-01)

### SUPERVISION OF JUNIOR RESEARCHERS

PhD students:	Justyna Nowakowska, Pascal Forrer, Darya Palianina (current)
MD students:	Sabine Kuster, Yasmin Spahr, Elisabeth Wehrle-Wieland, current: Kai-Manuel Adam and Nathalie Müller
Postdocs:	Matthias Kreuzaler, Claudia Stuehler, Anne-Kathrin Woischnig (previous: John)

### ORGANIZED SYMPOSIUM

2019	First Swiss OPAT Symposium Basel
------	----------------------------------