

CURRICULUM VITAE

PD Dr. rer. nat. Maren Leifheit-Nestler



PERSONAL INFORMATION

Name: Maren Leifheit-Nestler, nee Leifheit
Academic degree: *Privatdozentin*
Current position: Associate Professor
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SCIENTIFIC CAREER

05/2020 – present Associate Professor, Department of Pediatric Kidney, Liver and Metabolic Diseases, Pediatric Research Center, Hannover Medical School (MHH)

07/2014 – present Project leader for biological safety (S1, S2) in accordance with § 15 GenTSV, Department of Pediatric Kidney, Liver and Metabolic Diseases, MHH

05/2012 – present Project leader for animal experiments in accordance with FELASA Category C, Department of Pediatric Kidney, Liver and Metabolic Diseases, MHH

01/2012 – 04/2020 Senior Scientist, Group Leader, Department of Pediatric Kidney, Liver and Metabolic Diseases, Pediatric Research Center, MHH
Major focus: Co-morbidities in CKD – MBD, cardiac remodeling, left ventricular hypertrophy, myocardial fibrosis, CVD in CKD, FGF23 signaling, mouse and rat models, clinical studies

01/2009 – 12/2011 Project leader for biological safety (S2) in accordance with § 15 GenTSV, Department of Cardiology and Pneumology, Heart Research Center, University Medicine Göttingen

05/2006 – 12/2011 Research Scientist (Postdoc), Department of Cardiology and Pneumology, Group Atherosclerosis and Vascular Biology, Heart Research Center, University Medicine Göttingen

ACADEMIC AND SCIENTIFIC EDUCATION AND DEGREES

May 2020 Habilitation (PD) at Hannover Medical School, Germany
Thesis: Molekulare Mechanismen der Kardiotoxizität von FGF23: From bedside to bench

- 04/2002 – 04/2006** Ph.D. thesis, (Dr. rer. nat.) at University of Veterinary Medicine Hannover, Institute of Food Toxicology and Analytical Chemistry, Germany
Major focus: Biochemistry and Molecular Biology
- 04/2001 – 12/2001** Diploma thesis at University of Veterinary Medicine Hannover, Department of Physiological Chemistry, Germany
Major focus: Cell and Molecular Biology
- 10/1995 – 12/2001** Diploma in Biology at Leibniz University Hannover, Germany

QUALIFICATIONS

- 10/2014 – 12/2015** Advanced training course for didactics „*Aktiv in der Lehre*“, professional qualification for academically teaching, Hannover Medical School, Germany
- 04/2014** Advanced training course „*Basisprogramm zur Qualifizierung von Lehrenden der MHH*“, Hannover Medical School, Germany
- 04/2012** Advanced training course „*Versuchstiere, Tierversuche und Ersatzmethoden: Aus- und Weiterbildung von Personen, die für die Leitung von Tierversuchen verantwortlich sind*“, Berliner Fortbildungen, Germany; authorization for project management and planning of animal experiments in accordance with EU guideline 2010/63/EU (FELASA-C)
- SS 2009** Advanced training course „*Experimentelle Versuchstierkunde und tierschutzrechtliche Grundlagen: Versuchstiere / Tierversuche / Alternativmethoden*“, Center for Laboratory Animal Science, University Medical Center Göttingen, Germany; authorization for performance of animal experiments in accordance with §9 Tierschutzgesetz as amended on 29.05.1998 (FELASA-B)
- SS 2000** Advanced training course in accordance with § 15 Abs. 2 Satz 1 Nr. 3 GenTSV „*Gentechnische Sicherheit*“, approved by the District Council of Hannover, decision from 07.02.2000 (Az. 40661/5), Hannover Medical School, Germany

AWARDS

- 2021** Award for “*Best Abstract*” from the German Society of Nephrology, DGfN Annual Meeting in Rostock, Germany
Award for “*Best scored abstract*” from the European Renal Association – European Dialysis and Transplantation Association, ERA-EDTA Annual Meeting
- 2020** HiLF II research grand from the Hannover Medical School, funded by Life Science Stiftung München
- 2018** Research grand from the European Society for Paediatric Nephrology
- 2017** Research fellowship from the German Cardiac Society
- 2015** Award for “*Best Abstract*” from the German Society of Nephrology, DGfN Annual Meeting in Berlin, Germany
Travel award for “*Best scored Travel Grant applicant*” from the European Society for Paediatric Nephrology, Annual Scientific Meeting of the ESPN in Brussels, Belgium
- 2014** ASN grant, poster selection “*Topic of Interest*” as a part of the ASN Kidney STARS Program, ASN Kidney Week 2014, Annual Meeting in Philadelphia, PA, USA
Award for “*Best Oral Presentation*” from the German Society of Nephrology, DGfN Annual Meeting in Berlin, Germany
- 2013** Award for “*Top Oral Abstract Presentation by Trainee*” from the American Society of Nephrology, ASN Kidney Week 2013, Annual Meeting in Atlanta, GA, USA

PROFESSIONAL MEMBERSHIPS

- German Society of Pediatric Nephrology (GPN)
- German Society of Nephrology (DGfN)
- European Society for Paediatric Nephrology (ESPN) – Member of the CKD-MBD working group
- International Pediatric Nephrology Association (IPNA)
- European Renal Association (ERA)
- German Cardiac Society (DGK)

JOURNAL REFEREE

- Journal of the American Society of Nephrology
- Clinical Journal of the American Society of Nephrology
- Nephrology Dialysis Transplantation
- Pediatric Nephrology
- Cardiovascular Research
- Scientific Reports
- Pflügers Archiv – European Journal of Physiology

INVITED TALKS AND CHAIRS

1. **Leifheit-Nestler M.** Invited talk: *Phosphate is toxic to the kidney*. Session: Chronic kidney disease (CKD): Pathogenesis and consequences; 19th Congress of the International Pediatric Nephrology Association (IPNA) 2022 in Calgary, Canada
2. **Leifheit-Nestler M.** Invited talk: *Vitamin D/RAAS/FGF23/Klotho system and the heart*. Symposium of the CKD-MBD working group 2020; European Society for Paediatric Nephrology (ESPN), Annual Meeting 2020 in Ljubljana, Slovenia (visual meeting due to Corona pandemic)
3. **Leifheit-Nestler M.** Invited talk: *Fibroblast growth factor and cardiovascular disease*. 98th Meeting of the German Physiological Society, 2019 in Ulm, Germany
4. **Leifheit-Nestler M.** Invited talk: *Paracrine effects of FGF23 on the heart*. 17th Dutch-German Joint Meeting of the Molecular Cardiology Working groups, 2019 in Goettingen, Germany
5. **Leifheit-Nestler M.** Invited talk: *Role of biomarkers in children with CKD-MBD*. CKD-MBD Dialysis Masterclass 2018; European Society for Paediatric Nephrology (ESPN), Annual Meeting 2018 in Antalya, Turkey
6. **Leifheit-Nestler M.** Invited talk: *New insights of FGF23/Klotho system in CKD*. ESPN working group session 2017: The past, present and future of paediatric CKD and bone disorders; European Society for Paediatric Nephrology (ESPN), Annual Meeting 2017 in Glasgow, Scotland
7. **Leifheit-Nestler M.** Chair of guided poster session: *Chronic kidney disease including metabolic bone disease*. European Society for Paediatric Nephrology (ESPN), Annual Meeting 2015 in Brussels, Belgium

GUEST EDITOR

1. Printza N, Dotis J, Sinha MD, **Leifheit-Nestler M.** *Frontiers in Pediatric*, Section Pediatric Nephrology; Research Topic: Mineral and Bone Disorder in CKD. 2021
2. Haffner D, **Leifheit-Nestler M**, Fischer DC. *Int J Mol Sci*; Special Issue: Comorbidities in chronic diseases: Molecular markers and therapies. 2020

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