

Curriculum Vitae

Name:	Bernhard Homey
Academic title:	Univ.-Prof. Dr. med.
Date of birth:	February 14, 1968
Affiliation:	Department of Dermatology, University Hospital Düsseldorf, Medical Faculty, Heinrich-Heine-University Düsseldorf
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Present academic position:	Chairman, W3 professor



Education

1988-1995	Medical school, Heinrich-Heine-University Düsseldorf
1992	Clinical and scientific clerkship, Dept. of Dermatology, University of California San Francisco (UCSF), CA, USA

Degrees

10/2003	Habilitation and Venia legendi for Dermatology
1992-1998	Doctoral degree (Magna cum laude) Dept. of Dermatology, Heinrich-Heine-University Düsseldorf "Analysis of molecular and cellular mechanism during allergic and irritant responses in the skin immune system"

Professional positions

Since 05/2010	Chairman, W3 professor, Dept. of Dermatology, University Hospital Düsseldorf
12/2004	Professor for Dermatology, Heinrich-Heine-University Düsseldorf (C3 professor)
01/2004	Senior consultant, head of the Allergy Unit, Dept. of Dermatology, Heinrich-Heine-University Düsseldorf
05/2003	Specialist for Dermatology and Venereal Diseases
11/2001	Resident Department of Dermatology, Heinrich-Heine-University Düsseldorf, Head of the Research Laboratory for Dermato-Immunology and Oncology
05/1998-10/2001	Visiting scientist Dept. of Immunology, DNAX Research Institute, Palo Alto, CA, USA; Supervisor: Albert Zlotnik, PhD
08/1995-04/1998	Resident Department of Dermatology, Heinrich-Heine-University Düsseldorf; Director: Prof. Dr. Dr.h.c. T. Ruzicka

Research interests

Immunology, novel cytokines, chemokines, neuro-immune interaction, microbe-host interaction

Other academic and administrative functions

2020	Member of the senate, Heinrich-Heine-University Düsseldorf
2016	Councilor of the International Eczema Foundation
2014	Spokesperson of the University Allergy Center Düsseldorf

Selected awards and honours

2005	Atopic-Dermatitis-Award; Proderma Foundation
2004	First International Conference on Cutaneous Lupus Erythematosus: 1 st Prize Poster Award 2004
2003	Fujisawa-Atopic-Dermatitis-Award
2003	Oskar-Gans-Award 2003
2003	Bench-to-Bedside Meeting (Poster Award)
2002	Günther-von-Wille-Award
2002	Reinhard-und-Emmy-Heynen-Award
2002	European Society for Dermatological Research (ESDR), Galderma-Poster-Award
2002	Research Award of the German-Hungarian Society for Dermatology
2000	Paul-Martini-Award

Current funding as principal investigator / applicant

2018-2021	FOR 2690 - Identification and characterization of pruritus pathways in chronic skin inflammation (DFG, HO 2092/7-1; 350193106)
2019-2022	EGFR controls skin barrier integrity and microbiota (DFG, HO 2092/8-1; 422781646)
2019-2024	EU-IMI BIOMAP – Biomarkers in atopic dermatitis and psoriasis

Publication list (10 most relevant thematic publications)

1. Fyhrquist N, Muirhead G, Prast-Nielsen S, Jeanmougin M, Olah P, Skoog T, et al. Microbe-host interplay in atopic dermatitis and psoriasis. *Nat Commun.* 2019;10(1):4703.
2. Micossé C, von Meyenn L, Steck O, Kipfer E, Adam C, Simillion C, et al. Human "T(H)9" cells are a subpopulation of PPAR- γ (+) T(H)2 cells. *Sci Immunol.* 2019;4(31).
3. Pattarini L, Trichot C, Bogiatzi S, Grandclaude M, Meller S, Keuylian Z et al. TSLP-activated dendritic cells induce human T follicular helper cell differentiation through OX40-ligand. *J Exp Med.* 2017; 214(5):1529-46.
4. Feld M, Garcia R, Buddenkotte J, Katayama S, Lewis K, Muirhead G et al. The pruritus- and TH2-associated cytokine IL-31 promotes growth of sensory nerves. *J Allergy Clin Immunol.* 2016; 138(2):500-8.
5. Meller S, Di Domizio J, Voo KS, Friedrich HC, Chamilos G, Ganguly D et al. T(H)17 cells promote microbial killing and innate immune sensing of DNA via interleukin 26. *Nat Immunol.* 2015; 16(9):970-9.
6. Meller S, Gerber PA, Kislak A, Hevezi P, Gobel T, Wiesner U et al. Allergic sensitization to pegylated interferon-alpha results in drug eruptions. *Allergy.* 2015; 70(7):775-83.
7. van Bon L, Affandi AJ, Broen J, Christmann RB, Marijnissen RJ, Stawski L et al. Proteome-wide analysis and CXCL4 as a biomarker in systemic sclerosis. *N Engl J Med.* 2014; 370(5):433-43.
8. Sonkoly E, Muller A, Lauerma AI, Pivarcsi A, Soto H, Kemeny L, et al. IL-31: a new link between T cells and pruritus in atopic skin inflammation. *J Allergy Clin Immunol.* 2006;117(2):411-7.
9. **Homey B**, Alenius H, Muller A, Soto H, Bowman EP, Yuan W et al. CCL27-CCR10 interactions regulate T cell-mediated skin inflammation. *Nat Med.* 2002; 8(2):157-65.
10. Muller A, **Homey B**, Soto H, Ge N, Catron D, Buchanan ME et al. Involvement of chemokine receptors in breast cancer metastasis. *Nature* 2001; 410(6824):50-6.