

## CURRICULUM VITAE

KLAUS-PETER WILHELM, M.D., Professor of Dermatology  
Dermatologist, Allergologist

### Office

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**Present Position:** President and Medical Director

Education	From / to	Degree	Year
University of Göttingen, FRG	1980 – 1982	B.A.	1982
University of Innsbruck, Austria	1985 – 1985		
University of Lübeck, FRG	1982 – 1986	M.D.	1986

### Postgraduate Training & Employment

Institution	Title	From / to
Army, Lübeck, FRG (General Medicine)	Captain (Med. Corps)	1986 – 1988
University of California San Francisco, CA	Research Fellow	1988 – 1990
University of Lübeck Dept of Dermatology	Resident	1990 – 1993
	Dermatologist	1993 – 1994
	Lecturer (Priv.-Doz.)	1995 – 2002
	Extraordinary Prof.	2002 – present
proDERM Institute for Applied Dermatological Research, Hamburg	President & Medical Director	1994 – present

## Honors & Rewards

Deutsche Gesellschaft für Dermatologie	Carrié-Schneider-Reward	1993
Université Franche-Comté, Besançon (France)	Honorary Professor	2010

## Bibliography

Over 100 original articles and book chapters, 5 books, and over 140 abstracts from presentations at scientific meetings.

### Main Publications:

- **Wilhelm KP, Younes M, Sellin D and Siegers CP**, Halothane hepatotoxicity in glutathione depleted rats. *J Appl Toxicol*, 7: 105-110, 1987.
- **Wilhelm KP, Surber C and Maibach HI**, Quantification of sodium lauryl sulfate irritant dermatitis in man: comparison of four techniques: skin color reflectance, transepidermal water loss, laser Doppler flow measurement and visual scores. *Arch Dermatol Res*, 281: 293-295, 1989.
- **Cua AB, Wilhelm KP and Maibach HI**, Cutaneous sodium lauryl sulfate irritation potential: Age and regional variability. *Br J Dermatol*, 123: 607-613, 1990.
- **Wilhelm KP and Maibach HI**, Susceptibility to irritant dermatitis induced by sodium lauryl sulfate. *J Am Acad Dermatol*, 32: 122-124, 1990
- **Wilhelm KP, Cua AB, Wolff HH and Maibach HI**, Surfactant-induced stratum corneum hydration in vivo: Prediction of the irritation potential of anionic surfactants. *J Invest Dermatol*, 101: 310-315, 1993
- **Wilhelm KP, Freitag G and Wolff HH**, Surfactant-induced skin irritation and skin repair: Evaluation of a cumulative human irritation model by noninvasive techniques. *J Am Acad Dermatol*, 31: 981-987, 1994.
- **Wilhelm KP, Böttjer B and Siegers CP**, Quantitative assessment of primary skin irritants in vitro in a cytotoxicity model: comparison with in vivo human irritation tests. *Br J Dermatol*, 145: 709-715, 2001.
- **Lens M, Bielfeldt S, Bataille V and Wilhelm KP**, p53 labeling index in assessing the efficacy of a sunscreen in protection against UV-induced damage. *Int J Dermatol*, 47: 1234-1239, 2008.
- **Wigger-Alberti W, Kuhlmann M, Ekanayake S, Wilhelm D, Buettner H, Callaghan T and Wilhelm KP**, Using a novel wound model to investigate the healing properties of products for superficial wounds. *J Wound Care*, 18: 123 - 131, 2009.
- **Wilhelm D, Himmelmann A, Axmann E-M, Wilhelm KP**, Clinical efficacy of a new tooth and tongue gel applied with a tongue cleaner in reducing oral halitosis, *Quintessence Int*, 43:709-718, 2012
- **Daehnhardt-Pfeiffer S, Surber C, Wilhelm KP, Daehnhardt D, Springmann G, Boettcher M, Foelster-Holst R**, Noninvasive stratum corneum sampling and electron microscopical examination of skin barrier integrity: pilot study with a topical glycerine formulation for atopic dermatitis, *Skin Pharmacol Physiol* 25, 155, 2012
- **Elsner P, Fluhr JW, Gehring W, Kerscher MJ, Krutmann J, Lademann J, Makrantonaki E, Wilhelm KP and Zouboulis CC**, Anti-aging data and support claims – Consensus statement. *J Dtsch Dermatol Ges*, 9 Suppl 3: S1-32, 2011.
- **Wilhelm D, Himmelmann A, Krause C and Wilhelm KP**, Short term clinical efficacy of new meridol halitosis tooth and tongue gel in combination with a tongue cleaner to reduce oral malodor. *J Clin Dent*, 24: 12, 2013.
- **Bielfeldt S, Rock C and Wilhelm KP**, Chances and limits of an improved method to assess water resistance of cosmetic sunscreen products in vitro on polymethylmethacrylate plates. *Int J Cosmet Sci*, 35: 89-93, 2013.
- **Tan J, Blume-Peytavi U, Ortonne JP, Wilhelm KP, Marticou L, Baltas E, Rivier M, Petit L and Martel P**, An observational cross-sectional survey of rosacea: clinical associations and progression between subtypes. *Br J Dermatol*, 169: 555-562, 2013.

### Books:

- **Berardesca E, Elsner P, Wilhelm KP and Maibach HI (eds.)**, Bioengineering of the skin: Methods and instrumentation, CRC Press, Boca Raton, New York, London, Tokyo, 1995
- **Wilhelm KP, Elsner P, Berardesca E and Maibach HI (eds.)**, Bioengineering of the skin: Skin surface imaging and analysis, CRC Press, Boca Raton, New York, Tokyo, 1997.
- **Elsner P, Berardesca E, Wilhelm KP and Maibach HI (eds.)**, Bioengineering of the skin: Skin biomechanics, CRC Press, Boca Raton, London, New York, Washington, D.C., 2002.
- **Wilhelm KP, Elsner P, Berardesca E and Maibach HI (eds.)**, Bioengineering of the skin: Skin imaging and analysis, 2nd edition, Informa Healthcare USA Inc., New York, London, 2007.
- **Wilhelm KP, Zhai H and Maibach HI (eds.)**, Dermatotoxicology, 8th edition, Informa, London, 2012
- **Berardesca E, Maibach H and Wilhelm KP**, Non Invasive Diagnostic Techniques in Clinical Dermatology, Springer, 2014

### **Teaching**

- Regular presenter at scientific meetings focusing on skin physiology, dermatotoxicology and dermatopharmacology
- Regular lecturer at teaching courses in the same area

### **Organisation of Scientific Congresses**

- Chairman of the Regional Meeting of the International Society for Bioengineering of the Skin (ISBS) 1993 in Lübeck (140 participants)
- Chairman of the International Meeting of the International Society for Bioengineering of the Skin (ISBS) 2003 in Hamburg (300 participants)

### **Memberships**

International Society for Bioengineering and the Skin (2003 – 2010 Secretary; since 2010-2016 Chairman; Member of the executive board since 1994)  
 American Academy of Dermatology  
 European Society for Dermatological Research  
 European Society for Contact Dermatitis  
 Skin Research and Technology International Journal of Cosmetic Science (Member of Editorial Board)  
 Various German dermatological societies.

### **Research Activities**

Non-invasive techniques to investigate skin physiology and morphology of normal and diseased skin, irritant contact dermatitis, skin barrier function, percutaneous penetration and the development of techniques for the evaluation of effects of topical treatment on the skin.

### **Experience in Clinical Studies**

25 years experience in planning and carrying out clinical studies in the area of dermatology and ophthalmology, e.g. over 30 clinical studies since 2003 as principal investigator (Phase I, II and IV with indications e.g.: acne, psoriasis, atopic dermatitis, dry eyes, wound healing).

