



**Prof. Dr. Claus-Michael Lehr**

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**Date of birth** 2 October 1961

**Place of birth** Merzig, Germany

**Marital status** Married to Christine Schaal-Lehr, three children

**Scientific Career**

1982 – 1987 Study of Pharmacy at the Universities of Mainz and Hamburg, Germany

1987 – 1991 Doctoral studies, Leiden University, The Netherlands

1991 – 1992 Post-doc, University of Southern California (USC), Los Angeles, USA

1992 – 1993 Leiden/Amsterdam Center for Drug Research, The Netherlands

1993 – 1995 Professor (C3), Pharm. Techn., Philipps University, Marburg, Germany

since 1995 Professor (C4) and Head of the Department of Biopharmaceutics and Pharmaceutical Technology, Saarland University, Germany

since 2009 Co-founder of Helmholtz Institute for Pharmaceutical Research Saarland (HIPS) and Head of Department “Drug Delivery” (DDEL),

**Selected professional and academic activities**

1998 Co-Founder of Across Barriers GmbH, Saarbrücken

since 2000 Cofounder and Deputy Director of Center for Bioinformatics, Saarland

since 2009 Advisory Board Member of the Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS), University of Strathclyde, Glasgow, UK

since 2009 Board Member Int. Soc. for Aerosols in Medicine (ISAM)

**Honors and Awards**

Fellow of the American Society of Pharmaceutical Scientists, AAPS (2010), International Prize of the Belgian Society of Pharmaceutical Sciences (2009), APV Research Award for Outstanding Achievements in the Pharmaceutical Sciences (2006), Phoenix Award, Pharmaceutical Technology (2001), Controlled Release Society, CRS, Young Investigator Award (2000), C.J.Kok Young Investigator Award, Leiden University, NL (1993), DAAD-NATO Post-doc Fellowship (1991-92), CRS Graduate Student Research Award (1991), Studienstiftung des Deutschen Volkes (1982-91)

### **Five most relevant publications**

- Beisner J, Dong M, Taetz S, Nafee N, Griese E., Schaefer U, **Lehr C-M.**, Mürdter T, and Klotz U, (2010) Nanoparticle mediated delivery of 2'-O-methyl-RNA leads to efficient telomerase inhibition and telomere shortening in human lung cancer cells. *Lung Cancer* 68 (3), 346-354;
- Bur, M., Rothen-Rutishauser, B., Huwer, H., **Lehr, C.-M.** (2009) A novel cell compatible impingement system to study in vitro drug absorption from dry powder aerosol formulations, *Eur. J. Pharm. Biopharm.*, 72 (2) 350-357.
- Nafee, N., Taetz, S., Schneider, M., Schaefer, U.F., **Lehr, C.-M.** (2007) Chitosan-coated PLGA nanoparticles for DNA/RNA delivery: effect of the formulation parameters on complexation and transfection of antisense oligonucleotides. *Nanomedicine: Nanotechnology, Biology, and Medicine*, 3, 173-183.
- Fuchs S, Hollins AJ, Laue M, Schäfer UF, Roemer K, Gumbleton M. **Lehr CM**, (2003) Differentiation of human alveolar epithelial cells in primary culture. Morphological characterisation and expression of caveolin-1 and SpC. *Cell and Tissue Res.* 311, 31-45
- Elbert KJ, Schäfer U, Schäfers HJ, Kim KJ, Lee VHL, **Lehr CM** (1999), Monolayers of human alveolar epithelial cells in primary culture for pulmonary drug delivery and transport studies, *Pharmaceutical Research* 16, 601-608