Curriculum vitae

Andrea Heinz

PERSONAL INFORMATION

Place of birth: Halle (Germany)

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EDUCATION AND DEGREES

2005-2008	PhD in Pharmacy, School of Pharmacy, University of Otago, New Zealand
2005	Diploma in Pharmacy, Institute of Pharmacy, Martin Luther University Halle-Wittenberg, Halle, Germany

PROFESSIONAL WORK EXPERIENCE

since 05/2019	Associate Professor at the LEO Foundation Center for Cutaneous Drug Delivery, Department of Pharmacy, University of Copenhagen, Copenhagen, Denmark
08/2017 – 04/2019	Assistant Professor at the LEO Foundation Center of Cutaneous Drug Delivery, Department of Pharmacy, University of Copenhagen, Copenhagen, Denmark
09/2016 – 07/2017	Postdoctoral Researcher at the Department of Pharmacy, University of Copenhagen, Copenhagen, Denmark
05/2009 – 08/2016	Research Associate at the Faculty of Natural Sciences I (Biosciences), Institute of Pharmacy, Martin Luther University Halle-Wittenberg, Halle (Saale), Germany
01/2009-04/2009	Pharmacist in a community pharmacy, “Saale-Apotheke” in Halle (Saale), Germany
07/2008-12/2008	Managing pharmacist in a community pharmacy, “Damian-Apotheke” in Eisleben, Germany

RESEARCH INTERESTS

My current research focuses on the development of modern drug delivery systems for the treatment of wound healing and impaired skin that occurs as a result of skin pathologies. Wound healing is a complex biological process, which may be compromised in pathological conditions such as diabetes, leading to the development of acute or chronic non-healing wounds. Thus, there is a great interest in the development of wound dressings that actively promote wound healing, for instance through the delivery of bioactive molecules. We are currently developing protein-based biomaterials for the use as wound dressings. Preparation techniques include electrospinning and cross-linking of electrospun protein fibers, resulting in the formation of hydrogels upon contact with water. The addition of bioactive peptides and growth factors allows for a stimulation of wound healing.

PUBLICATIONS

38 publications in international peer-reviewed journals, 1 patent