



First name:

Nora

Last name:

Anderson

Date of birth:

07.01.1979

Country:

Germany

E-mail:

**Nora.anderson
web.de**

Supervisor:

**Prof. Dr. J. Borlak
Molecular Toxicology
Fraunhofer Institute,
ITEM**

Education

College/University:

1998-2005 Hannover Medical School (MHH), Germany
2003-2003 Doctoral student, Department of Anesthesiology,
University of Colorado: Health Sciences Center,
Denver, CO, USA.

Highest degree:

Dr.med.

Major Subjects:

Medicine

Projects/Research:

NMR- and MS-based metabonomic approaches to assess
biomarkers of liver toxicity.

Scientific Interests and Goals:

My specific focus of interest is the connection between aberrations of the cellular metabolism and pathological conditions, including the metabolic response to toxic injury and its role in malignant transformation and maintenance of the malignant phenotype. By working in the research field of metabonomics I hope I will be able to contribute to translation of basic research into advantages for clinical practice.

Hobbies and other interests:

Hiking, Literature, Music, Movies

Publications:

Klawitter, J. **Anderson, N.**, Klawitter, J., Christians, U., Leibfritz, D. Eckhardt, S. G., Serkova, N.J. Time-Dependent Effects of Imatinib in Human Leukemia Cells: A Kinetic NMR-Profilng Study. British Journal of Cancer [accepted for publication in January 2009].

Anderson, N. and Borlak, J., Molecular concepts in steatosis and steatohepatitis, Pharmacological Reviews 2008; 60:311

Anderson, N. and Borlak, J., [Book chapter:] Mechanisms in Hepatotoxicity. In: Hepatotoxicity - From Genomics to In Vitro and In Vivo Models, edited by Saura Sahu, John Wiley & Sons, First Edition (2008).

Anderson, N. and Borlak, J. Drug-induced phospholipidosis, FEBS Letters 2006; 580(23):5533.

Gottschalk, S., **Anderson, N.**, Hainz, C., Eckhardt, S.G., Serkova, N. Imatinib (STI571) – mediated changes in glucose metabolism in human leukemia BCR-