



## Postdoctoral Position in Drug Metabolism

### Who we are

Headquartered in Basel, Switzerland, Roche is one of the world's leading innovation-driven healthcare groups. Its core businesses are pharmaceuticals and diagnostics. The Non-Clinical Drug Safety department within Pharma Research Basel plays a central role in performing safety assessments throughout the drug development process. The department's Drug Metabolism and Pharmacokinetic (DMPK) group is responsible for characterising relevant absorption, distribution, metabolism and elimination properties of our new drug molecules.

### The position

We are looking for a postdoctoral fellow to join a research project focusing on active drug-transport processes. You will develop strategies for assessing the involvement of active transport mechanisms in drug absorption, distribution and elimination with the goal of enhancing the understanding of these mechanisms and their relevance to drug therapy in man. You will establish and characterise appropriate cellular and subcellular in-vitro assays. Together with your colleagues in the DMPK group, you will correlate your results with data obtained from other systems, including hepatocytes, isolated perfused organs and in-vivo systems. These studies will be used to extrapolate in-vitro results to whole organisms and man. Publication and presentation of research findings are strongly encouraged.

### Who you are

You have a PhD in biochemistry or a closely related field, with experience in cell culture work, in vitro assay setup and state-of-the-art biochemical and analytical methods used in drug metabolism research. You have preferably gained some experience in aspects of active drug transport assays or drug metabolism. Candidates should be highly self-motivated and excellent team players in an interdisciplinary work environment. You are fluent in English and have a good command of a second language, preferably German or French. We expect familiarity with MS Office tools.

### Who to contact

If you are interested in this challenging position, please send your application and full supporting documentation to: F. Hoffmann-La Roche Ltd, Dr Andrew Schmid, PSPB-4, building 52/207, P.O. Box, CH-4070 Basel, quoting reference: ASC8345.

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University of Bern/Switzerland

### PhD student position in molecular radiobiology

The main topic of our lab is the correlation between aberrant function of receptor tyrosine kinase systems and tumor resistance to ionizing radiation and chemotherapy. Projects include genetic analysis of clinical samples, mechanistic studies on signal transduction and use of various receptor tyrosine kinase targeting strategies for radiosensitization purposes. We are seeking a highly motivated candidate with good experience in molecular and cellular biology.

Please send CV to Dr. Y. Zimmer, Ph.D  
University of Bern, Dept. of Clinical Research, Radiation Oncology D-809  
Murtenstrasse 35, 3010 Bern, Switzerland  
email - zimmer@dkf5.unibe.ch

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