



Washington  
University in St. Louis

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SCHOOL OF MEDICINE

The Washington University School of Medicine, St. Louis (USA) is offering a **Postdoctoral Position in Kidney Injury and Repair Mechanisms**. The Herrlich Lab (<http://www.herrlichlab.org>) studies the regulation and biology of metalloprotease-released growth factors, cytokines and their receptors (ectodomain shedding predominantly by ADAM10 and ADAM17) in kidney disease and cancer. Ectodomain cleavage regulates many important signaling steps in inflammation and repair of injured organs, as well as numerous cell fate decisions, e.g. by activation of TNFalpha, Notch or of EGFR signaling pathways.

**We use:**

- \* experimental models of acute and chronic kidney disease and cancer in vitro and in vivo in mice
- \* cutting-edge transgenic mouse technology (Cre-mice; CRISPR-Cas9)
- \* computational approaches
- \* translational approaches

The ideal candidate will have a strong background in molecular/cellular biology and biochemistry and experience with the handling of mice. The position will be immediately available and is fully funded for up to three years. To apply please submit a letter describing your interests, CV and contact info for three references to Andreas Herrlich, MD PhD: [aherrlich@gmail.com](mailto:aherrlich@gmail.com).

**Contact:** Campus Box 8126, to Andreas Herrlich, MD PhD - Associate Professor of Medicine, 660 S. Euclid Ave, 63110 St. Louis, MO (USA)