

CURRICULUM VITAE

FLORIAN MÜLLER

PERSONAL DATA

Citizenship Austrian
Address Laboratory of Receptor Biology and Gene Expression
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EDUCATION

Ph.D., doctoral school for electrical and biomedical engineering, 2005 – 2008
Graz University of Technology, Austria.

Thesis: *Quantitative analysis of the dynamic properties of chromatin associated proteins by FRAP experiments*

Advisors: Prof. Dr. Zlatko Trajanoski, Dr. James G. McNally

M.S. Computational Physics, Karl-Franzens Universität Graz, Austria 1999 – 2005

Thesis: *Numerical Simulations of FRAP Experiments*

Advisors: Prof. Dr. Max Lippitsch, Prof. Dr. Zlatko Trajanoski

POSITIONS AND PROFESSIONAL EXPERIENCE

Pre-Doctoral Visiting Fellow at the National Institutes of Health (NIH), 2005 - 2008
National Cancer Institute (NCI)

BIBLIOGRAPHY

Published

1. Sprouse RO, Karpova T, **Mueller F**, Dasgupta A, McNally JG, Auble DT. *Regulation of TATA binding protein dynamics in living yeast cells*. PNAS, September 9, 2008; 105(36): 13304 - 13308.
2. Nishiyama A, Mochizuki K, **Mueller F**, Karpova T, McNally JG, and Ozato K. *Intracellular delivery of acetyl-histone peptides inhibits native bromodomain-chromatin interactions and impairs mitotic progression*. FEBS Lett. 2008 Apr 30; 582(10):1501-7

3. **Mueller F**, Wach P, McNally JG. *Evidence for a Common Mode of Transcription Factor Interaction with Chromatin as Revealed by Improved Quantitative Fluorescence Recovery after Photobleaching*. Biophys. J. 2008 94:3323-3339
4. Sprague BL, **Mueller F**, Pego RL, Bungay PM, Stavreva DA, and McNally JG. *Analysis of binding at a single spatially localized cluster of binding sites by fluorescence recovery after photobleaching*. Biophys. J. 2006 91:1169-1191

Submitted

1. Stasevich TJ, **Mueller F**, Brown DT, McNally JG. *Dissecting Cooperative Binding In Vivo Using Quantitative FRAP: Sequential Binding of H10 to Chromatin*.

RESEARCH PRESENTATIONS

- Focus on Microscopy, Osaka, Japan, April 2008 (invited talk)
- Chromatin Interest Group, NIH, Bethesda, USA, April 2008 (invited talk)

COMMITTEES

- NIH Visiting Fellows Committee (NIHVFC)

AWARDS

- Travel award from the NIH Graduate Partnerships Program, 2008
- Scholarship for short time academic research and expert courses abroad (KUWI), Technical University Graz, 2005

November 30, 2008
Bethesda, MD, USA