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- 2008 - present** **Head, Stowers Microscopy Center**
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- 2005 - 2008** **Director, Advanced Instrumentation & Physics**
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- 2001–2005** **Field Specialist Laser Scanning Microscopy and Fluorescence Correlation Spectroscopy**
Carl Zeiss MicroImaging, Inc.
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- 1999–2001** **Product Manager Fluorescence Correlation Spectroscopy**
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- 1996–1999** **R&D Team Leader Scanning Near Field Optical Microscopy**
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- 1994–1996** **Post Doc: AFM and Humidity based STM on Microtubules**
Institute for Molecular Biology
Research Group of Molecular Cytology - Electron Microscopy
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1989–1994

PH.D. student: “A multifunctional Scanning Force Microscope for Biological Applications”

Max-Planck-Institute for Biochemistry
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1988 - 1989

Diploma thesis: “Scanning Tunneling Microscopy Based Analysis of Biological Specimen”

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1982–1988

Study of “Biophysics” and “Machine Tools and Industrial Management”

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Membership in Scientific Organizations:

- Biophysical Society
- Society of Neuroscience
- American Society of Cell Biology

Selected Publications:

Hao, Y., Xu, N., Schaeferl, L., Kannan, K., Zhang, Y., Florens, L., Seidel, C., Washburn, M., **Wiegnaebe, W.**, and Mak, H.Y. (2011). "Nuclear cGMP-Dependent Kinase Regulates Gene Expression via Activity-Dependent Recruitment of a Converted Histone Deacetylase Complex." *PLoS Genetics* 7:e1002065.

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W. Wiegräbe, H. F. K., H. Eberhard, R. Gatz, T. Hartmann, M. Heim, Ch. Lorek, and R. Guckenberger (1995). "A multifunctional scanning force microscope for biological applications." Rev. Sci. Instrum. **66**(8): 4124-4129.

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Hartmann, T., R. Gatz, **W. Wiegräbe**, R. Kramer, A. Hillebrand, K. Lieberman, W. Baumeister and R. Guckenberger (1993). A Scanning Near-Field Optical Microscope (SNOM) for Biological Applications. Near Field Optics. D. W. Pohl and D. Courjon, Kluwer Academic Publishers: 35-44.

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Guckenberger, R., T. Hartmann, **W. Wiegräbe** and W. Baumeister (1992). The Scanning Tunneling Microscope in Biology. Scanning Tunneling Microscopy II. R. Wiesendanger and H.-J. Güntherodt. Berlin Heidelberg, Springer-Verlag. **28**: 51-98.

W. Wiegräbe, M. Nonnenmacher, R. Guckenberger and O. Wolter (1991). "Atomic force microscopy of a hydrated bacterial surface protein." J Microsc **163 (Pt 1)**: 79-84.

Guckenberger, R., B. Hacker, T. Hartmann, T. Scheybani, Z. Wang, **W. Wiegräbe** and W. Baumeister (1991). "Imaging of Uncoated Purple Membrane by Scanning Tunneling Microscopy." J.Vac.Sci.Technol.B **9**: 1227-1230.

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