

## Dr. Mark S. Boguski

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- SUMMARY**
- Experienced R&D executive in the biotechnology, information technology and pharmaceutical industries and federal government
  - Extensive experience in startups, restructuring and reorganizations, mergers, acquisitions and change management
  - Global and international in scope
  - Considered a thought-leader in key areas of post-genomic medicine and a catalyst for transformation of the life sciences

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**EMPLOYMENT** **Vice President and Global Head,** Jan 2005 – May 2007  
**Division of Genome and Proteome**  
**Sciences, Novartis Institutes for**  
**Biomedical Research, Inc.**

*Cambridge, Massachusetts and Basel, Switzerland*

- Managed a global research division with an annual budget of \$100.8 million and 314 employees in four countries
- Created a new research and technology division by merging two preexisting departments spanning automated, high-throughput biology, functional genomics, proteomics, research computing, statistics, knowledge management, data mining and competitive intelligence
- Managed numerous internal collaborations with Disease Areas, Translational Medicine and Early Clinical Development and external collaborations with biotechnology companies and academic centers
- Received two VIVA awards, two Team Innovation Awards and one Global IT Innovation Award in first two years

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**Founding Director, Allen Institute** Jan 2002 – Sept 2004  
**for Brain Science**

*Seattle, WA*

- Conducted feasibility studies, detailed financial and scientific planning; identified and launched inaugural (Brain Atlas) project
- Formed a Scientific Advisory Board; identified, recruited and hired key staff in neuroanatomy, informatics, genomics, automation engineering, finance and operations
- Identified and transferred or in-licensed key enabling technologies
- Located, established and supervised initial build-out of research facility
- Secured IRS status for the Institute as a 501(c)(3) Medical Research Organization
- Lobbied on Capitol Hill and at NIH for Federal support
- Designed and executed the formal launch plan and represented the Institute to the popular press and scientific and medical communities

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**Senior Vice President, Research and** May 2000 – Sept 2001  
**Development, Rosetta**  
**Inpharmatics, Inc.**

*Kirkland, WA*

- Managed a group of 90 employees consisting of experimental biologists, physicists, mathematicians, engineers, software and database developers
- One of four executive officers responsible for all aspects of the company, including the planning and execution of a \$114 million initial public offering in August, 2000 and Rosetta's acquisition by Merck & Co. in August 2001

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- Worked closely with Business Development on planning, negotiation and execution of collaborative research transactions up to \$150 million

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**Senior Research Investigator,** June 1995 – May 2000  
**National Center for Biotechnology  
Information, NIH**

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*Bethesda, MD*

- Founding staff member of the National Center for Biotechnology Information
- Created key enabling databases and software tools for biomedical discovery
- Conducted biomedical research resulting in more than 250 publications and presentations
- Trained ten graduate students and postdoctoral fellows
- Managed numerous international collaborations during the Human Genome Project

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**EDUCATION**

**B.A. in Natural Sciences**

*Johns Hopkins University, Baltimore, MD*

**M.D./Ph.D. Medical Scientist Training Program**

*Washington University School of Medicine, St. Louis, MO*

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