

Curriculum Vitae

Anthony J. GREENBERG

Founder and Chief Scientist
Bayesic Research
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Education

Ph.D. in Molecular Biology *2000*

Department of Molecular Biology, Princeton University, Princeton, NJ

M.A. in Molecular Biology *1995*

Department of Molecular Biology, Princeton University, Princeton, NJ

B.S. equivalent in Chemistry *1992*

Department of Chemistry, Moscow State University, Moscow, USSR

Professional Experience

Founder and Chief Scientist *2015 – present*

Bayesic Research LLC, Ithaca, NY

Research Associate *2012 – 2015*

Department of Plant Breeding and Genetics, Cornell University, Ithaca, NY

Advisors: Professor Susan McCouch, Associate Professor Jean-Luc Jannink

Research Associate *2006 – 2012*

Department of Molecular Biology and Genetics, Cornell University, Ithaca, NY

Advisors: Professor Andrew G. Clark, Associate Professor Jason Mezey

Research Associate/Post-Doctoral Fellow *2000 – 2006*

Department of Ecology and Evolution, The University of Chicago, Chicago, IL

Advisor: Professor Chung-I Wu

Ph.D. Thesis Research *1994 – 2000*

Department of Molecular Biology, Princeton University, Princeton, NJ

Thesis title: “Genetic analysis of the GAGA factor and its role in dosage compensation”

Thesis advisor: Professor Paul Schedl

Laboratory Technician *1993*

Department of Hormone Research, Weizmann Institute of Science, Rehovot, Israel

Responsibilities: Conducted an independent project making constructs for protein expression

Laboratory Assistant 1989 – 1992

Division of Nucleoproteins, Department of Chemistry, Moscow State University, Moscow, USSR

Responsibilities: Technical support, molecular cloning

Awards and Honors**SMBE Young Investigator 2005**

An NSF-funded trip to New Zealand to attend the Society for Molecular Biology and Evolution annual meeting and a workshop for young investigators.

Post-doctoral Fellowship 2002 – 2004

Ruth L. Kirschstein National Research Service Award from the National Institutes of Health

Selected Conference Platforms

Greenberg, A. J. Fast ordered sampling of DNA sequence variants. XXVI Plant and Animal Genomes conference, San Diego, California, USA.

Greenberg, A. J. and S. McCouch. GWAS Data Pipeline at Cornell and Experience with 700K Chip. 3^d GRiSP Phenotyping Workshop, Montpellier, France. Invited speaker (*March 2014*).

Greenberg, A. J., J. Mezey, J.-L. Jannink, and S. McCouch. Bayesian multi-phenotype genome-wide association methods for experimental designs of arbitrary complexity. 7th International Rice Genetics Symposium, Manila, Philippines. Invited speaker (*November 2013*).

Greenberg, A. J., J. L. Yanowitz, and P. Schedl. GAGA factor's role in dosage compensation. 40th *Drosophila* Research Conference, Bellevue, WA; selection of speakers is competitive, with the approval rate approximately 15% (*March 1999*).

Publications

Full list at Google Scholar: <http://scholar.google.com/citations?user=KwUXE6wAAAAJ>