

Primate Genomics

GENOME
SCIENCES
11TH
ANNUAL
SYMPOSIUM

First Session 10:00 a.m. – 12:00 a.m.

Welcome by Robert Waterston

*William H. Gates III Endowed Chair in Biomedical Sciences and Genome Sciences
Department Chair*

Archaic Genomics

Svante Pääbo

Director, Department of Genetics, Max Planck Institute for Evolutionary Anthropology, Leipzig

Ancient Gene Duplication and Other Surprising Patterns of Allelic Diversity of V1R genes in Toothcombed Primates (suborder *Strepsirrhini*)

Anne Yoder

Professor, Department of Biology, Duke University

Genetic Archaeology: Reconstructing Archaic Genomes

Benjamin Vernot

Graduate Student, Department of Genome Sciences, University of Washington

An Evolution-Guided Approach to Decipher Primate Antiviral Specificity

Patrick Mitchell

Post-doctoral Fellow, Department of Genome Sciences, University of Washington

Lunch Break 12:00 p.m. – 1:00 p.m.

Second Session 1:00 p.m. – 3:45 p.m.

Functional Genetic Variation in Rhesus Macaques: New Opportunities for Primate Models of Disease

Jeff Rogers

Associate Professor, Human Genome Sequencing Center, Baylor College of Medicine

Comparative Study of Genetic and Epigenetic Regulatory Mechanisms in Primates

Yoav Gilad

Associate Professor, Department of Human Genetics, University of Chicago

The Evolution and Diversity of Great Ape Genomes

Peter Sudmant

Graduate Student, Department of Genome Sciences, University of Washington

Sex and Evolution: The Effects of Mating Strategies on Reproductive Protein Evolution in Primates

Katrina Claw

Graduate Student, Department of Genome Sciences, University of Washington

What Drives Speciation in Chimpanzees (*Pan troglodytes*)? Detecting Mechanisms Underlying Their Evolutionary Diversification in a Biodiversity Hotspot

Katy Gonder

Assistant Professor of Biological Sciences, University at Albany, State University of New York

Closing Remarks by Robert Waterston, M.D., Ph.D.

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