24th Stadler Genetics Symposium
“Genomics of Disease”
October 2 - 4, 2006 • University of Missouri-Columbia

featuring...

Jonathan Jones, Sainsbury Lab, Norwich, England
“Signalling networks in plant defence”

Jane Glazebrook, University of Minnesota
“A high-performance custom microarray for phenotypic analysis of plant defense signaling mutants”

Pamela Ronald, University of California-Davis
“Genomics of the rice defense signaling pathway”

Daniel Grenfell-Lee, Massachusetts General Hospital
“Comparative genomics of virulent pseudomonas aeruginosa isolates”

Sophien Kamoun, Ohio State University
“Reprogramming the host: The effector secretome of Phytophthora”

Regine Kahmann, MPI für terrestrische Mikrobiologie, Germany
“New insights into biotrophic development of Ustilago maydis”

Ulla Bonas, Institute of Genetics, Germany
“Genetic dissection of the interaction between the plant pathogen Xanthomonas and its host plants”

Sally Leong, University of Wisconsin
“The ins and outs of host recognition of magnaporthe grisea”

Brett Tyler, Virginia Bioinformatics Institute
“Functional genomics and bioinformatics of the soybean-phytophthora interaction”

Keith Murphy, Texas A&M University
“The genetics governing merle coat patterning in the domestic dog and association of merle with auditory and ophthalmologic abnormalities”

Eric Hoffman, Children’s National Medical Center, Washington DC
“AKT1 haplotypes control bone and muscle volumes, fasting serum glucose, and risk for metabolic syndrome”

Edward Wakeland, Center for Immunology, UT Southwestern Medical Center at Dallas
“Genetic interactions that mediate autoimmune disease”

David Threadgill, University of North Carolina
“Epidermal growth factor receptor: pleiotropic effects associated with extensive genetic heterogeneity”

Leslie Lyons, University of California-Davis
“Unraveling the genetic mysteries of the Cat: New discoveries in feline inherited diseases and traits”

Hans Cheng, USDA-ARS
“Integrating genomics to understand the Marek’s disease virus-chicken host-pathogen interaction”

Susan Lamont, Iowa State University
“Variation in chicken gene structure and expression associated with food-safety pathogen resistance”

Daniel Pomp, University of North Carolina
“Massively parallel eQTL analysis of complex traits in mice”

Steve O’Brien, National Cancer Institute
“Landscape of comparative genomics in mammals”

Roger Beachy, Donald Danforth Plant Science Center
“Finding the achilles heel in virus replication and strategies that can limit disease in transgenics”

John Quackenbush, Harvard Medical School
“Extracting meaning from high-dimensional ‘omics data”

Jan Leach, Colorado State University
“Associating genomic variation of diverse rice varieties to understand disease resistance”

Margaret Mackinnon, Edinburgh, Scotland
“Evolution of virulence in malaria”

Elaine Ostrander, National Human Genome Research Institute
“Canine genomics: Running with the pack...OR...genetic mapping of complex traits using features of population structure”

Herman Raadsma, University of Sydney
“Ovine disease resistance-integrating comparative and functional genomics approaches in a genome information-poor species”

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or contact Sandi Strother
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Scholarships Available
A limited number of travel and registration scholarships are available for graduate students and post-docs. Please contact Perry Gustafson at pgus@missouri.edu.