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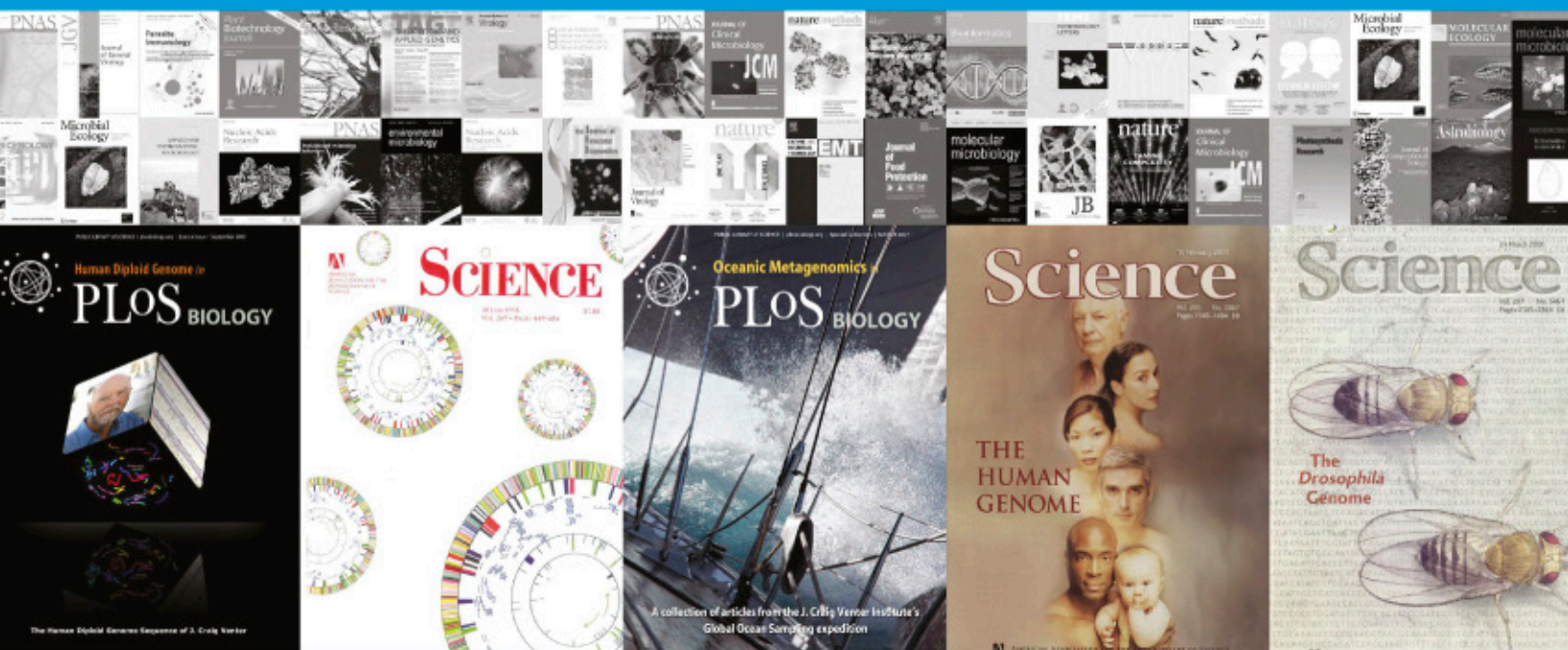
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- **Immunology** — the human immune system plays a critical role in combating infectious disease. However, an over-exuberant and unrestrained immune response can lead to inflammatory and autoimmune disease. The application of genomic and systems biology approaches promises to reveal the genetic determinants that control this delicate balance.
- **Host-Microbe Interactions** — the results of interrogating the human microbiome highlights how little we understand about the ways that microbes living in and on us contribute to our health and well-being. The next phase of these investigations will focus heavily on the interactions with the host.

Successful candidates are expected to conduct innovative, independent research, collaborate with our interdisciplinary, highly collegial group of scientists within JCVI, and complement existing strengths within the Institute. Candidates must have a Ph.D. or M.D., a minimum of three years of Post-Doctoral research training, and be able to demonstrate the ability to establish and maintain a vigorous independent, externally funded research program. The level of appointment will be commensurate with experience. JCVI offers an excellent working environment and a competitive benefits package. Interested applicants should apply directly in our career center by submitting their CV and a cover letter which includes a description of research interests and contact information for three references. JCVI's Career Center is located on our web site at www.jcvi.org. Equal Opportunity Employer M/F/D/V

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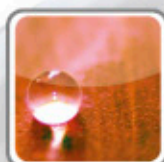
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KEYNOTE PRESENTERS:



Atul Butte, M.D., Ph.D., Division Chief and Associate Professor, Stanford University School of Medicine; Director, Center for Pediatric Bioinformatics, Lucile Packard Children's Hospital; Co-founder, Personalis and Numedii



Andrew L. Hopkins, D.Phil, FRSC, FSB, Division of Biological Chemistry and Drug Design, College of Life Sciences, University of Dundee

PLENARY SESSION:

The Life Sciences CIO Panel

From managing big data and cloud computing capabilities to building virtual communities and optimizing drug development, the life sciences CIO has to be a firefighter, evangelist, visionary. In this special plenary roundtable, Bio-IT World invites a select group of CIOs from big pharma, academia and government to discuss the major issues facing today's biosciences organization and the prospects for future growth and organizational success.

Special guests:

Remy Evard – CIO, Novartis Institutes for BioMedical Research

Martin Leach – CIO, Broad Institute

Andrea T. Norris – Director, Center for Information Technology (CIT) and CIO, NIH

Gunaretnam Rajagopal – CIO, Johnson & Johnson

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