



United Nations
University

UNU-BIOLAC

Biotechnology for Latin America and The Caribbean
Programa de Biotecnología para América Latina y el Caribe

International workshop on Bioinformatics: Advanced course on high throughput Sequencing Data with R & Bioconductor

19-21 January 2011

Location	Faculty of Science and Agriculture University of the West Indies, St. Augustine Campus, Trinidad and Tobago, West Indies
Organizers	Dyer Narinesingh, Vrijesh Tripathi, Pathmanathan Umaharan, Shanaz A. Wahid
Tentative International Faculty	Martin Morgan, Fred Hutchinson Cancer Research Center, Seattle, Washington, USA Vincent Carey, Harvard Medical School, Boston, MA, USA Rong Chen, Stanford University, Stanford, CA, USA Thomas Otto, Wellcome Trust Sanger Institute, Genome Campus Hinxton, Cambridge, UK
Broad Topics	Introduction to R and Bioconductor Biological databases and data mining Two-color cDNA arrays/ Affymetrix Analysis of RNA-Seq data Transcript centric annotations and high-throughput sequencing. Clinical assessment of personal genome sequence (All sessions will be followed by practical/ lab demonstration and practice sessions)
Participants	Participants must have a basic working knowledge of molecular biology/ biochemistry or medicine/ Genetics statistics and must be directly involved in research covered by the workshop.
Funding	Those who are selected to participate will be given fellowship for travel, accommodation and local hospitality courtesy funds provided by UNU-Biolac. Preference will be given to candidates engaged in research in the Caribbean and Latin American countries. Please note that there is no registration fee.
Closing date of applications	30 November 2010

To apply for participation, submit your curriculum vitae and a short list of publications (if any) to:

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