



Regional Student Group – India

“... Your local window to global opportunities.”

Affiliated to the Student Council of International Society for Computational Biology (ISCB)

CONNECT

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“Write to be understood, speak to be heard, read to grow...” ~ Lawrence Clark Powell(1906-2001)

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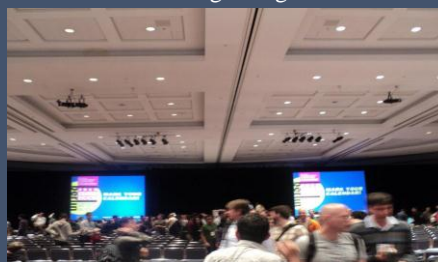


Advent of autumn brings us to the new edition of RSG-India Connect connecting with all the latest updates! Initiating with RSG-India outreach where we give you a brief glance at **20th Conference on Intelligent Systems in Molecular Biology, Official Conference of ISCB, held at Long Beach, California.** Next on the run is ‘**Top 10 posts of the month**’ on message board and new entry in RSG India Connect ‘**Tool of the month**’. The crisp read is concluded with Bio-Innovations where, bioinformatics finally enters the app stores with a cool tool called ‘**ImageJS**’ Wishing you a happy reading !

RSG-India's Initiatives – Spanning our wings...



RSGIndia members showed their presence at **20th Intelligent Systems for Molecular Biology (ISMB) 2012** which was held from **13th to 17th of July**. ISMB is the annual meeting of the **International Society for Computational Biology (ISCB)**. Over the past twenty years the ISMB conference has grown to become the largest bioinformatics conference in the world, providing a multidisciplinary forum for disseminating the latest developments in bioinformatics. It brought together scientists from computer science, molecular biology, mathematics, and statistics. **RSG India member Shipra Shekhar** presented her poster at the conference. She was granted an **Exclusive travel fellowship** by ISCB.



TOP 10 POSTS ON THE MESSAGE BOARD

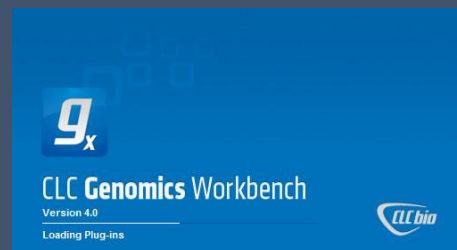
- 1.[Misc]How to attend a conference on budget- Part 1.
- 2.[Article]-New Computational Tool for Cancer Treatment
- 3.[Opening]-JRF position in Bioinformatics at Sri Venkateswara College, Delhi University
- 4.[OpenPosition]- Research Assistant and Post-Doctoral Fellow @ Dr. Nagasuma Chandra's Lab, Department of Biochemistry,IISc Bangalore
- 5.[Job]-Bioinformatics programmer at Genbios.
6. [Misc]IIT-HYDERABAD or PUNE UNIVERSITY

6. [Article] Genome Canada Launches Competition to Strengthen Canada Leadership in Bioinformatics and Computational Biology
7. [Workshop]-National Training cum Workshop on "DNA barcoding of fish and marine Life-Molecular analysis & Bioinformatics approaches"
- 8.[Fellowship] Postdoctoral Fellow - Phylogenetics
- 9.[OPENING]-Postdoctoral Position in Computational Biology:University of Toronto, Canada
- 10.[Misc]Invitation for papers, ISHM 2012

Tool of the Month: CLC Workbench 2.5



CLC Free Workbench 2.5, a freeware program containing a number of basic bioinformatics analysis algorithms, gathered in an integrated and user-friendly software package. This software was released by CLC Bio on March, 17th 2006 and has been updated over the years since its release. The package is freely downloadable from CLC Bio Website: <http://www.clcbio.com/index.php>



Bio-Innovation - ‘Angry Birds meets Bioinformatics’

ImageJS is a free app system in some ways like **Angry Birds**, or perhaps more like **Instagram**, except that it analyzes tissue images instead of offering a digital shooting gallery. Specifically, the first **ImageJS** module enables pathologists to drag a digitized pathology slide into a Web app and analyze it for **malignancy** based on color changes that occur when **cancer cells** are exposed to **standard dyes**. But the developers’ vision is more ambitious than that. The pathology modules are the first in a series coming from **Jonas Almeida**, Ph.D., director of the **Division of Informatics in the UAB School of Medicine Department of Pathology**. Future modules will seek to perform **genomics analysis**, make the system capable of cloud computing and enable doctors to compare their patient’s data to similar cases stored in national databases. Such comparisons promise to increase diagnostic accuracy and rule out treatments that clash with a person’s genetic signature.



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FAQ Archive

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Google Group Message Board: <http://groups.google.co.in/group/rsg-india>



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