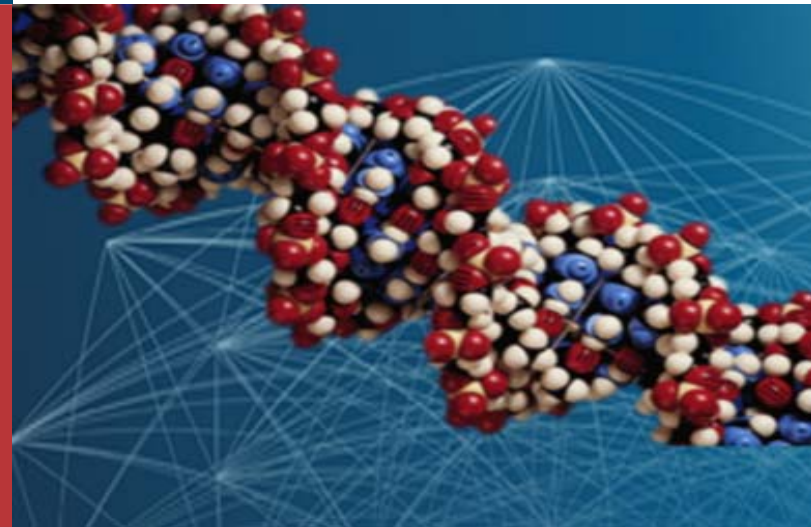


International Symposium on Biocomputing

15 – 17 February, 2010 | Calicut, Kerala, India



International Symposium on Biocomputing (ISB 2010) provides a synergic platform for researchers from Computer Science, Life Science and Statistics areas for exchanging their ideas and hypotheses. The primary objective of the symposium is to promote future collaborations towards the development of efficient Bioinformatics algorithms and tools. The symposium is expected to witness the initiation of multidisciplinary interactions which will eventually blur the boundaries between *in vivo*, *in vitro* and *in silico* analytical procedures.



TOPICS

Original, unpublished papers are invited in the following research areas, but not restricted to:

- Gene Annotation and Sequence Analysis/ Alignment/ Pattern Searches
- Modeling Approaches and Protein Structure Prediction
- Comparative Genomics and Phylogenetics
- Proteomics and Transcriptomics
- Systems Biology and Quantitative Bioanalysis
- Interactomics and Gene/ Cell Regulation
- Microarrays, Networks/ Pathway Analysis
- Data Mining, Text Mining and Machine Learning
- Modeling/ Simulation of Drug Discovery Processes
- Signal Processing for Biotechnology
- Nanomachines and Biotechnology
- Biomedical Imaging/ Visualization Tools for "Omics" data

The submissions will be blind-reviewed by peer groups with expertise in various focus areas. Accepted papers will be published in the ACM digital library. The International Journal of Data Mining and Bioinformatics (IJDMB) has agreed to publish extended version of selected papers from the symposium.

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VENUE

Kadavu Resort, Calicut, Kerala, India (<http://www.kadavuresorts.com/>)

Kadavu Resort & Ayurveda Centre is a luxurious resort hotel in Calicut (Kozhikode) city of Kerala State (popularly known as *God's own country*). Calicut, one of India's most beautiful and ancient cities, found a place in world history with the discovery of the sea route to India in 1498 by the Portuguese navigator Vasco Da Gama. Calicut is known for its serene beaches, lush green countryside, historic sites, calm backwaters, wildlife sanctuaries, rivers, waterfalls and ayurvedic treatment.

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IMPORTANT DATES

- October 15, 2009 : Paper submission
November 20, 2009 : Acceptance notification
December 01, 2009 : Camera-ready copy



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For more information, please visit <http://www.isb2010.org>