HANS RAJ MAHILA MAHA VIDYALAYA
MAHATMA HANS RAJ MARG, JALANDHAR (PUNJAB) INDIA

InSyB
INTERNATIONAL SYMPOSIUM ON BIOINFORMATICS 2019
An Annual Event of APBioNET

DECEMBER 21-22, 2019

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Dr. Punam Suri,
Padma Shree Awardee,
President, DAVCMC, New Delhi

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Convener
Dr. Harpreet Singh
Head Department of Biotechnology

Co-organizers
An Annual Event of APBioNET

Our Conference Associates

Acknowledged as 'College of Excellence' by UGC, 'Excellent College Imparting Public Service Programmes in Punjab' by AICTE, MHRD, New Delhi, 'Flagship College by Confederation of Education Excellence (CEE) in association with ECONS and awarded with ‘Edupreneurs Award' by Times of India, ‘FICCI Higher Education Excellence Award’ and ‘ASSOCHAM Award for Excellence in serving for Social Cause’, Hans Raj Mahila Maha Vidyalaya, Jalandhar, a premier institution of North India has entered the centennial decade of its origin. The institute functions under the DAV College Managing Committee which is the largest Non Govt. Organization established with an aim to carry forward the dreams of great visionaries like Swami Dayanand Saraswati, Mahatma Hans Raj and Mahtma Anand Swami. Mahatma Hans Raj laid the foundation of this institute in Lahore in 1927 with the noble mission of educating & empowering girls. Ever since its inception, the college has been committed to the cause of women education. At present, this is one of the oldest institutions established by DAV College Managing Committee, operating under the supervision and guidance of a great visionary leader Dr. Punam Suri, Padmashree Awardee, President, DAVCMC, New Delhi. The college has the unique distinction of having been re-accredited with Grade A by NAAC with highest score and recipient of the Pradhan Mantri Kaushal Vikas Yojna. Keeping pace with the accelerated rate of growth, the institute offers a balanced curriculum complemented with inculcation of moral fibre and fortitude. HMV is the only college in the region which is running M.Sc. Bioinformatics under Guru Nanak Dev University.

About APBioNet & InSyB

Founded in January 1998, APBioNet is dedicated to the advancement of the field of Bioinformatics with an Asia-Pacific focus. APBioNet has organizational and individual members from over 27 countries in the region, from industry, academia, research, government, investors and international organizations. It’s mission since inception has been to pioneer the growth and development of Bioinformatics awareness, training, education, infrastructure, resources and research among member countries and economies. It is spearheading a number of key Bioinformatics initiatives in collaboration with international organizations and industry partners. Specifically, improving the Bioinformatics network infrastructure, facilitating the exchange of data and information, developing training programs, workshops, conferences and symposia and promoting regional collaboration in the field of Bioinformatics.

The International Symposium on Bioinformatics (InSyB) bridges the gap between InCoB (International Conference on Bioinformatics) and irregular local APBioNet-supported workshops or training courses. The two day annual InSyB is expected to be centred on topics relevant to the local organizer. A mix of keynotes, short talks, discussions, poster sessions and “meet the expert” opportunities shall foster an interactive environment for integrated bioinformatics research and education.
Themes

- Big Data Analytics in Biology
- Next Generation Sequencing
- Biological Modeling and Simulation
- Biomedical Image Processing
- Biomedical Data and Literature Mining
- High-throughput Data Analysis (Genomics, Proteomics, Metabolomics etc.)
- Databases and Ontologies
- Health Informatics
- Biomarker Discovery
- High-performance Bio-computing
- Microbial Data Analysis
- Sequence Analysis
- Structural Prediction
- Molecular Docking & Drug Design
- Systems Biology
- Analysis of Non-coding RNA
- Protein Classification
- Machine Learning Applications for Biological Data Analysis
- DNA Barcoding for Species Identification
- Legal and Ethical implications of Genomics and related Technologies

Abstract Submission Deadline

All abstracts must be submitted through easychair on www.easychair.org/conferences/?conf=insyb2019 or before 15-12-2019. Detailed guidelines for oral and poster presentations are available on the symposium website.

<table>
<thead>
<tr>
<th>Registration Categories</th>
<th>Before 15-12-2019</th>
<th>After 15-12-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Indian Delegates</td>
<td>Foreign Delegates</td>
</tr>
<tr>
<td>Academia</td>
<td>Rs. 2000/-</td>
<td>60 USD</td>
</tr>
<tr>
<td>Research Scholars (Including Ph. D and Post Docs)</td>
<td>Rs. 1200/-</td>
<td>30 USD</td>
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<tr>
<td>Industry</td>
<td>Rs. 4000/-</td>
<td>100 USD</td>
</tr>
<tr>
<td>Students</td>
<td>Rs. 800/-</td>
<td>20 USD</td>
</tr>
<tr>
<td>Accompanying Person</td>
<td>Rs. 1000/-</td>
<td>20 USD</td>
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ISCB, APBioNet, Bioclues members (excluding students) receive a 20% discount. Group discount (at least 5 in a group) of 10% applicable

The fee can be paid online in the Bank Account with the following details:

Bank Name: Punjab National Bank
Account No.: 4710000100017566
IFSC Code: PUNB0471000
SWIFT code: PUNBINBBJCL

The payment may also be made through demand draft in favour of the "Principal, Hans Raj Mahila Maha Vidyalaya Jalandhar"

The conference fee includes conference material and two day meals at the conference. The out station candidates can contact the members of the organizing committee for stay assistance. Jalandhar has a good number of reasonably priced hotels. However, women delegates can put up a request for stay in the college hostel which will be allotted at the first come first serve basis for two days @ Rs. 300 per day.
Our Distinguished Dignitaries & Eminent Resource Persons

- **Prof. Shoba Ranganathan** (Keynote), Professor of Bioinformatics, Department of Chemistry and Biomolecular Sciences, Macquarie University, Australia
- **Dr. Sonika Tyagi** (Keynote), Head, Bioinformatics Research Group, Research Affiliate - Monash eResearch Centre, Monash University, Australia
- **Dr. Gareth Price**, Head of Computational Biology, QFAB Bioinformatics, Institute of Molecular Bioscience, University of Queensland, Australia
- **Dr. Prashant Suravajhala**, Scientist, Birla Institute of Scientific Research, Jaipur
- **Prof. Shandar Ahmad**, Professor, School of Computational and Integrative Sciences, JNU, New Delhi
- **Dr. Abhishek Kumar**, Faculty Research Scientist, Institute of Bioinformatics, Bangalore

Advisory Committee

- **Prof. Christian Schönbach**, Nazarbayev University, Kazakhstan
- **Prof. Jayaraman Valadi**, Pune University
- **Prof. Avinash Kaur Nagpal**
- **Prof. Prabhjeet Singh**, GNDU, Amritsar, India
- **Prof. Partap Kumar Pati**, GNDU, Amritsar
- **Prof. Asif M. Khan**, Perdana University, Malaysia
- **Dr. Akshat Tanksale**, Monash University, Australia
- **Dr. Sarinder Kaur**, University of Malaya, Malaysia
- **Dr. Vishal Acharya**, IHBT, Palampur, India
- **Dr. Prakash Mishra**, GNDU, Amritsar, India
- **Dr. Ashok Kumar**, Punjab University Chandigarh

Climate
Daytime maximum temperatures average around 21°C (70°F), whilst at night 6°C (43°F) is normal

Reaching Us-

By Train:- From New Delhi, there are a number of trains to Jalandhar including Delhi - Amritsar Shatabadi Express, Shan-e-Punjab etc.

By Road:- Jalandhar is located on the National Highway #1 (Delhi - Amritsar). From Chandigarh, one can reach Jalandhar via Ropar, Nawashahar, Phagwara. It takes about 2:30 hours from Chandigarh.

By Air:- Jalandhar is connected by air via Adampur and Amritsar. There are many flights from Mumbai and New Delhi to Amritsar and from New Delhi to Adampur. Amritsar is about 80 Kms and Adampur is just 22 Kms from Jalandhar.

Local Organizing Committee

Dr. Shweta Chauhan  Dr. Nitika Kapoor  Mr. Sumit Sharma
Mrs. Ramandeep Kaur  Mr. Ashish Chadha  Ms. Harpreet Kaur
Dr. Sakshi Verma  Mr. Ravi Kumar  Dr. Shuchi Sharma

For more details go to symposium website :- [www.hrmmv.org/INSYB2019](http://www.hrmmv.org/INSYB2019)
[www.easychair.org/cfp/InSyB2019](http://www.easychair.org/cfp/InSyB2019)

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