**Registration Form**

Name: ______________________________________
Age: ___________  Sex: M □ F □

Education Qualification: _______________________

Designation: ________________________________

Address for Communication: ___________________

City: ___________________ Phone: ______________

Mobile No: _________________________________

E-mail: ______________________________________

Please write in brief as to why you would like to register for this workshop and in what way this workshop benefits you in your present or future programs.

Signature of the Participant:       Date:

Signature with seal of HOD / Organization Head:

Completed registration form or its copy should be sent on or before 31st August 2013 to the organising secretary. Selected candidates will be intimated by email before 10th September 2013.

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**Organizing Committee**

- Dr. P. Namperumalsamy
- Prof. VR. Muthukkaruppan
- Prof. K. Dharmalingam
- Dr. D. Bharanidharan

**Resource Persons**

- Dr. S.N. Sarbadhikari  
  National Institute of Health and Family Welfare, New Delhi
- Dr. S. Krishnaswamy  
  Madurai Kamaraj University, Madurai
- Dr. N. Srinivasan  
  Indian Institute of Science (IISC), Bangalore
- Dr. P. Sundaresan  
  Aravind Medical Research Foundation, Madurai
- Dr. Chandan Chakraborty  
  Indian Institute of Technology (IIT), Kharagpur
- Dr. N. Jeyakumar  
  Bharathiar University, Coimbatore
- Dr. V. Umashankar  
  Sankara Nethralaya, Chennai
- Dr. Chitra Thangavel, AMRF
- Mr. R. D. Thulasiraj, AECS
- Mr. B.S. Ganesh Babu, AECS
- Mr. Jayaram Illayaraja, AECS

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**Organizing Secretary**

**Dr. D. Bharanidharan, M.Sc., Ph.D.,**  
Scientist-Bioinformatics  
Dr. G. Venkataswamy Eye Research Institute  
Aravind Medical Research Foundation  
1, Anna Nagar, Madurai - 625 020, Tamil Nadu, India  
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**DR. G. VENKATASWAMY EYE RESEARCH INSTITUTE**  
ARAVIND MEDICAL RESEARCH FOUNDATION  
1, Anna Nagar, Madurai - 625 020  
Tamilnadu, India  
Phone: 0452 - 4356550  
www.aravind.org

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**Workshop on BIOMEDICAL INFORMATICS for Ophthalmologists**

October 11-13, 2013

Organized by  
Dr. G. Venkataswamy Eye Research Institute  
Aravind Medical Research Foundation  
Madurai  
CME Credit Points: 30

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**DR. G. VENKATASWAMY EYE RESEARCH INSTITUTE**  
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Tamilnadu, India  
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**ARAVIND EYE CARE SYSTEM**

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October Summit 2013

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Aravind Medical Research Foundation (AMRF)

Aravind Medical Research Foundation (AMRF) is a registered society enhancing education and research associated with Aravind Eye Care System (AECS). AMRF has initiated major research in the fields of Bio-medical Sciences and Biotechnology in 1999 and has developed laboratory facilities for Immunology, Pharmacology, Microbiology, Molecular Genetics, Proteomics, Stem Cell Biology and Bioinformatics for conducting cutting-edge basic and translational ophthalmic research. It is a recognized centre for Ph.D. programmes, in Biomedical Sciences by Madurai Kamaraj University, as well by Alagappa University for Ph.D. in Microbiology, Molecular Biology and Biotechnology.

Bioinformatics Centre (BIC)

The Bioinformatics Centre has been developed recently at AMRF to conduct various research projects on ocular disorders as well as to help our ophthalmologists in patient care. The mission of Bioinformatics centre is to aid in translational research and provide state-of-the-art computational methods. The Bioinformatics Centre participates in the October Summit held in memory of Aravind’s founder chairman Dr. G. Venkataswamy by organizing this workshop.

About the Workshop

The key objective of this workshop is to promote the emerging multidisciplinary field Biomedical Informatics (BMI) and identifying synergies between the Bioinformatics/Omics communities and the Medical Informatics handling healthcare and clinical research in Ophthalmology. In this workshop, the participants will be provided with lectures, presentations, demonstrations and hands-on-training in informatics methods and tools from Medical Informatics and Bioinformatics/Omics.

Hands-on-training

• Homology search
• Comparative modeling
• Phylogeny
• Molecular docking

Areas / topics covered in presentations, demonstrations and lectures

• Clinical informatics
• Healthcare informatics
• Image informatics
• Clinical data and biostatistics
• Databases, sequence analysis & phylogeny
• Molecular genetics
• Structural bioinformatics
• Clinical proteomics
• Biomedical text mining

Participants

Ophthalmologists and research scientists interested in Ophthalmology, who are familiar with operation of computers are eligible to apply. The number of participants will be restricted to 20.

Workshop on Biomedical Informatics for Ophthalmologists

Date: October 11-13, 2013
Venue: Dr. GVERI Building
Aravind Medical Research Foundation, Madurai

Registration Information

Each applicant have to submit the filled in application form through email/post/in-person to the organising secretary. Last date for submission of application is 31st August, 2013. The selected candidates will be informed by email or before 10th September, 2013. The selected candidates upon intimation may send/bring DD drawn in favour of Aravind Medical Research Foundation payable at Madurai.

Course Fee

Rs. 2000/- includes workshop materials and food (Lunch and refreshments) for all three days.

Accommodation

Accommodation can be arranged at our new hostel, Inspiration which is very close to GVERI. It has got both single and double AC/non-AC rooms with the necessary facilities. Travel, food and other personal expenses have to be borne directly by the participants.

<table>
<thead>
<tr>
<th>Type of Accommodation (per Occupant)</th>
<th>Non AC / Day</th>
<th>AC / Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Room</td>
<td>Rs. 400</td>
<td>Rs. 900</td>
</tr>
<tr>
<td>Twin sharing Room</td>
<td>Rs. 300</td>
<td>Rs. 600</td>
</tr>
</tbody>
</table>

*Twin sharing rooms will be allotted based on the availability of the other sharing partner.

For Registration form and to obtain further details, please visit

http://www.aravind.org/bmiworkshop/index.htm