National Seminar
On
"Molecular Pathology of Human Genetic Disease"
(August 23rd, 2014)
Venue: Radha Krishnan Auditorium
M.D.U. Rohtak

Department of Genetics,
Maharshi Dayanand University, Rohtak
(A State University established under Haryana Act No. XXV of 1975)
NAAC Accredited ‘A’ Grade
Haryana, India
About Department

Department of Genetics in Faculty of Life Sciences is internationally known for its contributions in Human Genetics, *Drosophila* Genetics and Medicinal Plane Genetics. Department is also involved in the research activities in Human Genetics for development of molecular diagnostic tools to facilitate the control of problems related with health care. Recently, recognizing the value of Forensic Science for the national capacity building in the area of social security, the department has initiated M.Sc. course in Forensic Science. Both these courses, MSc Genetics and Forensic Science are being strengthened with research and doctoral programme in the frontier area. The teaching and research efforts have been recognized nationally and internationally and are financially strengthened by Department of Science and Technology, Government of India under FIST Program, University Grant Commission under Innovative and SAP Programme. Additionally the faculty members have been able to win eighteen research projects funded by various national funding agencies to achieve the mandate and the mission of the department.

About Seminar

One day seminar/conference entitled "Molecular Pathology of Human Genetic Disease" is being organized by Department of Genetics, sponsored by Dr. Radha Krishnan Foundation Fund. The motive behind the present conference is to discuss the Genetic Perspective of different Human Genetic diseases like blood cancer, Infertility, mitochondrial diseases etc. And discuss how functional Genomics can help in understanding molecular pathogenesis of these diseases. The present conference will provide due exposure to the young minds in the frontier areas of Medical Genetics and Function Genomics. This will also provide the desired opportunity and necessary platform for the students, academicians and scientists to interact with the internationally recognized speakers from various fields in Genetics.

In this event Dr. Ravi Parkash, Emeritus Scientist, Department of Genetics will be the Guest of Honor.
Organizing Committee

Patron-in-Chief : Er. H. S. Chahal, Vice-Chancellor, M.D.U. Rohtak
Patron : Dr. Pawan K. Jaiwal (Dean, Life Sciences)
Convener : Dr. Minakshi Vashist (Prof. & HOD, Deptt. of Genetics)
Co-convener : Dr. J.P. Yadav (Prof., Deptt. of Genetics)
Organizing Secretary : Dr. Mukesh Tanwar (8901502537)
Joint Secretaries : Dr. Santo Shank Tiwari
Dr. Ritu Yadav
Dr. Neelam Sehrawat
Dr. Rajvinder Singh
Dr. Sapna Sharma
Dr. Neelkamal

* Registration Kits and Certificates will be provided for first 250 Registered Participants only.

Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>08:15-09:30 AM</td>
<td>Registration of candidates</td>
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<tr>
<td>09:30-10:30 AM</td>
<td>Opening Ceremony</td>
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<tr>
<td>10:30-11:30 AM</td>
<td>Lecture: Personalized and Precision Medicine in Humans: Zebrfish chips in with vital clues by Dr. Sridhar Sivasubbu, Scientist, Institute of Genomics and Integrative Biology, New Delhi</td>
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<td>11:30-12:00 PM</td>
<td>Tea Break</td>
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<tr>
<td>12:00-01:00 PM</td>
<td>Lecture: Molecular Genetics of Haematological Disorders by Dr. Renu Saxena, Professor &amp; HOD, Department of Hematology, A.I.I.M.S., New Delhi</td>
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<td>01:00-02:00 PM</td>
<td>Lunch Break</td>
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<tr>
<td>02:00-03:00 PM</td>
<td>Lecture: Infertility- A complex lifestyle disease by Dr. Rima Dada, Laboratory for Molecular Reproduction and Genetics, Department of Anatomy, A.I.I.M.S., New Delhi</td>
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<td>03:00-03:30 PM</td>
<td>Tea Break</td>
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<tr>
<td>03:30-04:30 PM</td>
<td>Lecture: &quot;Dissecting molecular pathology to understand simple and complex diseases - Our Experience&quot; by Dr. R.N.K. Bamezai, Professor, School of Life sciences, J.N.U., New Delhi</td>
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<td>04:30-05:00 PM</td>
<td>Vote of Thanks and Certificate Distribution</td>
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