Symposium on
Translational Research in Gastroenterology

Hotel Trident, Hyderabad
August 22, 2014

Organised by

Asian Institute of Gastroenterology
Asian Healthcare Foundation
Dear Colleagues,

Welcome to the Symposium on Translational Research in Gastroenterology!

This symposium is being held in continuation of the aspirations of basic scientists and clinicians alike to translate basic scientific findings into therapeutic interventions for patients and to increase understanding of diseases. The focus is on gastroenterology related diseases considering their increasing prevalence in the Indian scenario, which is compounded by altered dietary habits and lifestyles, especially among the younger generations. Equally relevant is the fact that fruits of newer research findings made in regenerative medicine, stem cell biology, tissue engineering and pharmacogenomics etc., are yet to be made available to the common man in our country. There is also an immediate necessity to enthuse younger generations to get involved in cutting edge research which alone can pave way for effective management of GI disorders.

This symposium aims to provide a platform to leading researchers and clinicians not only for discussing recent developments in translational research but also to share their experiences and enthuse younger audience, at the threshold of embarking on a scientific career, to participate in exciting areas of research. We welcome you to join us in Hyderabad for an exciting academic experience at this symposium.

TEAM AIG & AHF
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Topic</th>
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<tbody>
<tr>
<td>0800 - 0900 am</td>
<td>Registration of Delegates</td>
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<tr>
<td>0900 - 0915 am</td>
<td>Welcome:</td>
<td>Translational Research in Gastroenterology: The AIG-AHF module</td>
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<td></td>
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<td>D.Nageshwar Reddy</td>
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<td>0915 - 1000 am</td>
<td>SESSION I: Biomedical Research</td>
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<tr>
<td>0915 - 0930 am</td>
<td>From molecular biology to therapeutic targets</td>
<td>Shahid Jameel</td>
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<td>0930 - 0945 am</td>
<td>Excitements of going beyond publishing</td>
<td>Seyed Hasnain</td>
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<tr>
<td>0945 - 1000 am</td>
<td>Translational Research: Determinants of Outcomes</td>
<td>GV Rao</td>
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<td>1000 - 1115 am</td>
<td>SESSION II: Regenerative Medicine: Translational Research</td>
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<tr>
<td>1000 - 1015 am</td>
<td>Liver Regeneration</td>
<td>SK Sarin</td>
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<td>1015 - 1030 am</td>
<td>Stem Cells in GI diseases: looking towards the future</td>
<td>BS Rama Krishna</td>
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<td>1030 - 1045 am</td>
<td>Stem Cells for bridging the gap to liver transplantation</td>
<td>PN Rao</td>
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<td>1045 - 1100 am</td>
<td>Islet transplantation: Way forward from Research to clinics</td>
<td>R Pradeep</td>
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<td>1100 - 1115 am</td>
<td>Organoids: Promise of intestinal stem cells</td>
<td>Susan Huftless</td>
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<td>1115 - 1130 am</td>
<td>TEA BREAK</td>
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<td>1130 - 1200 am</td>
<td>SESSION III: GUT Microbiome</td>
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<td>1130 - 1145 am</td>
<td>Gut Microbiome in health</td>
<td>Vineet Ahuja</td>
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<td>1145 - 1200 am</td>
<td>Gut Microbiome in disease</td>
<td>Uday Ghoshal</td>
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<td>1200 - 1230 pm</td>
<td>SESSION IV: Pancreatic Disease Biology</td>
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<td>1200 - 1215 pm</td>
<td>Pancreaticogenic Diabetes (Type 3C)</td>
<td>M Sasikala</td>
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<td>1215 - 1230 pm</td>
<td>Pancreatic Stellate Cells: Pandora’s Box of Pancreatic Disease Biology</td>
<td>Rupjyoti Talukdar</td>
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<td>1230 - 0100 pm</td>
<td>SESSION V: Genetics in GI Disease</td>
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<td>1230 - 1245 pm</td>
<td>Gene-gene and gene-nutrient interactions in complex diseases</td>
<td>GR Chandak</td>
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<td>1245 - 0100 pm</td>
<td>Role of genetics in disease prediction</td>
<td>VV Ravi Kanth</td>
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<td>0100 - 0200 pm</td>
<td>SESSION VI: GI Cancer</td>
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<td>0100 - 0115 pm</td>
<td>Micro RNA’s in GI Cancers</td>
<td>KSS Uma Mahesh</td>
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<td>0115 - 0130 pm</td>
<td>Cancer Stem Cells: What is the relevance?</td>
<td>Geeta Vemuganti</td>
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Invited Speakers

Prof. Shahid Jameel  
CEO  
The Wellcome Trust/DBT India Alliance  
Hyderabad 500 034

Dr. D.N. Reddy  
Chairman & Chief of Gastroenterology  
Asian Institute of Gastroenterology  
Somajiguda, Hyderabad

Dr. S. K. Sarin  
Senior Professor and Head  
Department of Hepatology  
Institute of Liver and Biliary Science (ILBS)  
New Delhi

Prof. Seyed Hasnain  
Department of Biological Sciences  
Kusuma School of Biological Sciences  
IIT, New Delhi

Prof. Geeta K. Vemuganti  
Dean, School of Medical Sciences  
University of Hyderabad  
Gachibowli, Hyderabad

Dr. G. V. Rao  
Director  
Chief of Surgical Gastroenterology & Minimally Invasive Surgery  
Asian Institute of Gastroenterology  
Somajiguda, Hyderabad

Dr. Giriraj Ratan Chandak  
Group Leader - Human and Medical Genetics  
Centre for Cellular and Molecular Biology  
Hyderabad

Prof. B.S. Ramakrishna  
Senior Consultant - Gastroenterology  
SRM Institute for Medical Sciences  
Chennai, India

Dr. P. N. Rao  
Chief of Hepatology & Nutrition  
Asian Institute of Gastroenterology  
Somajiguda, Hyderabad

Dr. M. Sasikala  
Head, Research Labs  
Asian Healthcare Foundation  
Asian Institute of Gastroenterology  
Hyderabad

Dr. Uday Chand Ghoshal  
Additional Professor  
Department of Gastroenterology, SGPGI, Lucknow

Dr. Vineet Ahuja  
Dept. of Gastroenterology and HNU  
Ansari Nagar, AIIMS  
New Delhi

Dr. Susan Hutfless  
Assistant Professor of Medicine  
The Johns Hopkins Hospital  
USA

Dr. R. Pradeep  
Dept of Surgical Gastroenterology  
Asian Institute of Gastroenterology  
Hyderabad

Dr. Rupjyoti Talukdar  
Clinical Pancreatologist  
Clinician Scientist  
Asian Healthcare Foundation  
Hyderabad

Prof. C. Subramanyam  
Research Advisor  
Asian Healthcare Foundation  
Asian Institute of Gastroenterology  
Hyderabad

Dr. V. V. Ravi Kanth  
Group Leader, Genetics  
Asian Healthcare Foundation  
Asian Institute of Gastroenterology  
Hyderabad

Dr. K. S. S. Uma Mahesh  
Scientist  
Asian Healthcare Foundation  
Asian Institute of Gastroenterology  
Hyderabad
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Institution ___________________________________________________________

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Residence ___________________________________________________________

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