



PANCREATIC ISLET CELL TRANSPLANTATION

14-15, September, 2012
Hotel Taj Deccan, Hyderabad

Indo US Bilateral Workshop
on Pancreatic Islets

Isolation to Transplantation

Sponsored by



Indo-US Science and Technology Forum

Organized by



Asian Institute of Gastroenterology



University of Minnesota

A Note About the Workshop

Islet transplantation is emerging as an attractive option of cell based therapy in the treatment of type 1 diabetes and type 3C diabetes. Currently islet transplantation is offered at a few highly specialized centers around the world. Since India is predicted to become global capital for diabetes by 2030, it is essential to establish such centers in the country.

US researchers are aggressively pursuing ways to improve upon islet cell isolation and transplantation technology, having made great progress on the use of isolated islets, pig-derived islets, and stem cells. Scientists at the Asian Healthcare Foundation (the research wing of Asian Institute of Gastroenterology, an OMED certified center of excellence for treatment of pancreatic disease) have achieved significant progress in isolating, culturing and transplanting pancreatic islets (in simian models), with a long term interest in establishing islet transplantation center in India. The aspirations of Asian Institute of Gastroenterology and Schulze diabetes institute have been recognized by the Indo-US Science and Technology Forum.

A host of global leaders will participate in the workshop to share their experiences. Deliberations at the envisaged workshop would aim to

- a) Identify key issues in islet transplantation
- b) Recognize areas for collaborative research
- c) Evolve a road map for establishing islet transplantation centers in India.

Program at a Glance

Recent advances in islet Biology
Overview of islet transplantation
Building CGMP facility for islet transplantation

Newer approaches to cell transplantation
Status of organ harvesting in India

Faculty

USA

Ismail Abdullah, City of Hope Directory, CA
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INDIA

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R Pradeep, Asian Inst. Gastroenterology, Hyderabad
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D N Reddy, Asian Inst. Gastroenterology, Hyderabad

Organizing Committee

Advisors

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President International Association of Pancreatology (IAP)

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The Sponsors

The Indo-US Science and Technology Forum (IUSSTF), established under an agreement between the Governments of India and the United States of America in March 2000, is an autonomous, not for profit society that promotes and catalyzes Indo-US bilateral collaborations in science, technology, engineering and biomedical research through substantive interaction among government, academia and industry. As a grant making organization, the principle objective of IUSSTF is to provide opportunities, to exchange ideas, information, skills and technologies, and to collaborate on scientific and technological endeavours of mutual interest that can translate the power of science for the benefit of mankind at large.

The Organizing Institutions

Scientists at the Asian Healthcare Foundation, in association with clinicians of Asian Institute of Gastroenterology, are working towards translating research findings to patient benefits in the area of gastroenterology. The Schulze Diabetes Institute of University of Minnesota, USA is a global leader in the area of islet transplantation having developed the world's first safe, effective and minimally invasive cure using islet transplantation. The two institutions are forging their technical and scientific capabilities to establish islet transplantation centers in India.

Contact Persons

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Interested professionals are invited to submit their details to M Sasikala and avail free registration to attend the workshop