

Exhibit 2003

UNIVERSITY OF MIAMI

CURRICULUM VITAE



DATE: March 6, 2020

PERSONAL

NAME

OFFICE PHONE

OFFICE ADDRESS

HOME PHONE

HOME ADDRESS

CURRENT ACADEMIC RANK

CURRENT TRACK

PRIMARY DEPARTMENT

SECONDARY APPOINTMENT

CITIZENSHIP

PUBLICATIONS

CITATIONS

H-INDEX

CONTACT E-MAIL

CAMILLO RICORDI, M.D.

(305) 243-6913

Diabetes Research Institute (DRI)

1450 N.W. 10 Avenue

Miami, FL 33136

(786) 615-6639

550 Bay Point Road

Miami, FL 33137

Professor of Surgery

Tenured

Department of Surgery

Departments of Medicine,

Microbiology/Immunology and

Biomedical Engineering

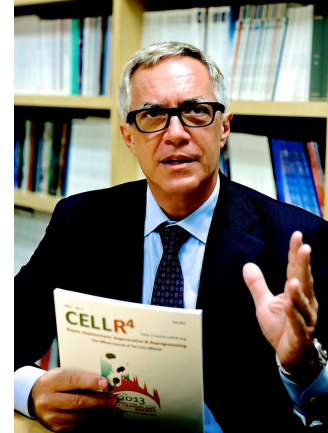
Italian and American

1,142 (Source: Research Gate Jan. 10, 2020)

44,036 (Source: Google Scholar Jan. 10, 2020)

98 (Source: Google Scholar Jan. 10, 2020)

ricordi@miami.edu & ricordi@live.com



HIGHER EDUCATION

9/1971-7/1976

Scientific Lyceum, Milan, Italy.

Final score: 60/60

9/1976-7/1982

University of Milan School of Medicine, Milan, Italy.

Final score: 110/110 cum laude

9/1983-7/1988

School of Specialization in Gastrointestinal Surgery,
and Digestive Endoscopy

University of Milan School of Medicine, Milan, Italy.

Final score: 70/70 cum laude

1/1986-3/1988

NIH Trainee in Immunogenetics and

Immunobiology of Islet Transplantation,

Department of Genetics,

Washington Univ. School of Medicine, St. Louis, Missouri

CERTIFICATION, LICENSURE

1983

Italian State Board of Medicine and Surgery #13603

1990

Pennsylvania State Medical License #MD-045098

1995

Florida Medical Faculty Certificate #MFC 1197

1995

Drug Enforcement Administration (DEA) #BR2631249

2016

Florida Medical License #ME 127850

EXPERIENCE**ACADEMIC**

1977-1978	Internship, Institute of Physiology of the Central Nervous System National Research Council, Milan, Italy.
1978 – 1982	Intern Student in Internal Medicine Department of Internal Medicine, San Raffaele Institute University of Milan School of Medicine, Milan, Italy.
1982 – 1985	Graduate Clinical Training in General Surgery, Department of Surgery San Raffaele Institute, University of Milan School of Medicine, Milan, Italy.
1985 – 1988	Research Associate, Department of Pathology Washington University School of Medicine, St. Louis, Missouri.
1989 – 1991	Assistant Professor of Surgery, Department of Surgery, Division of Transplantation, University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania.
1991 – 1993	Associate Professor of Surgery, Department of Surgery Director of Cellular Transplantation, The Transplantation Institute University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania.
1993 – present	Professor of Surgery, Department of Surgery University of Miami School of Medicine
1996 – present	Professor of Medicine, Department of Medicine, University of Miami School of Medicine
1997 – present	Professor of Surgery and Medicine, University of Miami School of Medicine
1999 – present	Professor of Microbiology and Immunology, Department of Microbiology and Immunology University of Miami School of Medicine
2003 – present	Foreign Adjunct Professor in Experimental Endocrinology, Department of Molecular Medicine, Karolinska Institutet, Stockholm Sweden
2003 – 2006	Senior Associate Dean for Research, University of Miami School of Medicine
2003 – present	Professor of Biomedical Engineering, Department of Biomedical Engineering, University of Miami School of Medicine
2007 – present	Adjunct Professor, Institute for Regenerative Medicine, Wake Forest University School of Medicine

NON-ACADEMIC

1988 – 1989	Attending Surgeon, with Tenure, Department of Surgery San Raffaele Institute, University of Milan School of Medicine, Milan, Italy.
1991 – 1993	Director of Cellular Transplantation, The Transplantation Institute University of Pittsburgh School of Medicine, Pittsburgh, Pennsylvania
1992 – 1994	President, The Cell Transplant Society
1993 – 1996	Co-Director, Diabetes Research Institute (DRI), University of Miami Miller School of Medicine

1996 – present	Chief, Division of Cellular Transplantation, Department of Surgery, University of Miami Miller School of Medicine
1995 – 1996	Special Consultant to the Medical Research Service, Veteran’s Affairs Medical Center, Miami, Florida
1996 – 1997	Chairman, National Diabetes Research Coalition, Washington, DC
1996 – present	Director, Diabetes Research Institute and Cell Transplant Center, University of Miami School of Medicine
1997 – present	Stacy Joy Goodman Endowed Chair, University of Miami School of Medicine
1999 – 2001	President, International Pancreas and Islet Transplantation Association (IPITA)
2004 – present	President, Mediterranean Institute for Transplantation and Advanced Therapies (ISMETT) Board of Directors, Palermo, Italy (https://www.ismett.edu)
2013 – 2017	President, Ri.MED Foundation Board of Directors, an international partnership between the Italian Government, the Region of Sicily, the Italian National Research Council (CNR), the University of Pittsburgh and the University of Pittsburgh Medical Center (www.fondazionerimed.eu)

RESEARCH INTERESTS AND EXPERIENCE

CELL PROCESSING AND TRANSPLANTATION

- Acknowledged by his peers as one of the world's leading scientists in diabetes cure-focused research and cell transplantation, Ricordi is well-known for inventing the machine that made it possible to isolate large numbers of islet cells (insulin-producing cells) from the human pancreas and for performing the first series of successful clinical islet transplants that reversed diabetes after implantation of donor purified islets into the liver of recipients with diabetes. The procedure is now used by laboratories performing clinical islet transplants worldwide
- In 2017 the first NIH funded, FDA Phase 3 multicenter trial was successfully completed by the NIH Clinical Islet Transplantation Consortium which coordinated islet transplant activities between centers in the USA and Europe, with Ricordi serving as chairperson for over a decade

TOLERANCE INDUCTION AND REVERSAL OF AUTOIMMUNITY

- Ricordi developed highly innovative strategies with the objective to transplant cells and organs without the continuous requirement for anti-rejection drugs and for the reversal of autoimmune disease conditions
- In 2015 Ricordi launched the DRI Translational Fast Track Program to Reverse Autoimmunity and Induce Immune Tolerance, in collaboration with several international investigators.

MODULATION OF INFLAMMATION, PREVENTION AND TREATMENT OF CHRONIC DISEASES

- Ricordi's research interests also include the definition of anti-inflammatory and regenerative medicine strategies, to prevent or treat chronic degenerative diseases, and to prolong healthy lifespan (healthspan).
- A recent research interest has been the identification of diagnostic markers that can be shared by Diabetes and Neurodegenerative disease conditions, such as Alzheimer's Disease, identifying possible shared pathogenetic pathways and potential preventive strategies.

TISSUE ENGINEERING

- In 2015 Ricordi led the international teams in the US and Europe that performed the first successful transplants of a bioengineered endocrine pancreas implanted within a 3D bioactive resorbable scaffold in the abdominal cavity of recipients with a severe form of Type 1 Diabetes. The patients have been able to discontinue insulin treatment since the first month post transplant with excellent metabolic control. This unprecedented success resulted in renewed enthusiasm for the possibility to engineer this transplant site with additional strategies to avoid the requirements for recipient immunosuppression, and has resulted in additional key collaborative efforts with leading centers in North America and Europe.

NUTRITION, FOOD SYSTEMS AND SUSTAINABLE DEVELOPMENT

- The global food system faces unprecedented challenges. Today, in the world 815 million people are starving while 2.1 billion people are obese or overweight, 1/3 of the global food production is wasted along the food chain, from field to table and a large portion of crop and food production is funneled into animal feed and biofuels despite widespread hunger.
- Ricordi was co-founding member of the BCFN Foundation and is currently member of its the Advisory Board, where he contributed to the development of the double food and environmental pyramid model which represents an evolution of the food pyramid, highlighting the extremely close links between two aspects of every food: its nutritional value and its environmental impact, indicating how foods with a lower environmental impact are also recommended for their health benefits. In this direction, we have also co-hosted, with the United Nations Sustainable Development Solutions Network (UN SDSN), an event on “The Impact of Food Systems and Nutrition Patterns on Sustainable Development Goals (SDGs)”, during the 73rd Session of the United Nations General Assembly (UNGA73).
- While the goal of the BCFN Foundation is to study how food systems and nutrition patterns will affect and/or contribute to the achievement of sustainable development while protecting the planet, Ricordi’s specific interest in this direction focuses on how do we ensure healthy diets.

OTHER EXPERIENCE

- Ricordi serves as Chairman of the Board of ISMETT (Mediterranean Institute of Transplantation and Advanced Therapies; <http://www.ismett.edu>), and was appointed President of Fondazione Ri.MED (<http://www.fondazionerimed.eu>) by the Presidency of the Council of Ministers Italian government, for the 2013-2017 term. The Ri.MED Foundation was established in 2006 with an international partnership between the Italian Government, the Region of Sicily, the Italian National Research Council (CNR), the University of Pittsburgh and the University of Pittsburgh Medical Center (UPMC), to promote, support and lead biomedical and biotechnological research projects, with emphasis on the translation of innovative results into clinical practice. Ri.MED is currently focused on the creation of the Biomedical Research and Biotechnology Centre. At the same time, the Foundation trains young, brilliant researchers who will provide the human capital of the Research Centre: the post-doc researchers selected for the Ri.MED Research Fellowship, are based at North American and at European centres of excellence, including also at ISMETT Regenerative Medicine and Biomedical Technologies Unit. A recent major partnership has been stipulated between Fondazione Ri.MED and IRCCS-ISMETT.
- Ricordi was founding president of the Fondazione Cure Alliance ONLUS and of The Cure Alliance (www.thecurealliance.org) and Chairman of the Diabetes Research Institute Federation (<http://www.diabetesresearch.org/Research-Collaboration>), coordinating and promoting cure focused research at over 24 leading institutions worldwide, while further developing Telescience platform technologies to eliminate geographic barriers to scientific collaboration. These initiatives now allow scientists and project teams from around the world to synergize efforts and work together like if they are in the same physical space.
- Ricordi was also president of the Cell Transplant Society (1992-94), co-founder and chairman of the National Diabetes Research Coalition (Chairman 1997), co-founder and president (1999-2001) of the International Association for Pancreas and Islet Transplantation (IPITA), and a member of the council of The Transplantation Society (2002-2008). He also served on the council of the American Society of Transplant Surgeons (2000-2002), on the National Institutes of Health (NIH-NIAID) Expert Panel on clinical approaches for tolerance induction, on the FDA Biologic Response Modifiers Advisory Committee, on the NIH/NCRR Islet Cell Resources (ICRs) Executive Committee, on the NIH-NIDDK Strategic Planning Committee and on the NIH-NIAID Expert Panel on Transplantation Research. He is currently serving as Chairperson of the Clinical Islet Transplant Consortium (NIDDK-NIAID). He has also been serving on several NIH study sections, including Surgery, Anesthesia and Trauma, the General Clinical Research Centers, Small Business Innovative Research, the Immune Tolerance Network, in addition to serving as a reviewer for several international funding agencies.
- Ricordi is currently serving on the editorial board of *CellR4* (Editor-in-Chief; www.cellr4.org) He has also served on the boards of *Cell Transplantation* (Founding Editor and Co-Editor-in-Chief), the *American Journal of Transplantation* (Associate Editor), *Transplantation*, *Transplantation Proceedings*, *Tissue Engineering*, and *Graft* (Editor-in-Chief, 1998-2002).

MILITARY BRANCH

Italian Air Force (Lieutenant)

HONORS AND AWARDS

HIGHLIGHTS: Ricordi has received numerous honors and awards, including the 2001 Nessim Habib World Prize in Surgery (University of Geneva) for developing a technology that significantly contributed to the advancement of a surgical field. He was awarded the 2002 Outstanding Scientific Achievement Award of the American Diabetes Association. He also delivered the opening plenary (Galileo Lecture) at the European Association for the Study of Diabetes (EASD) Congress in Rome (2008). In 2009 Ricordi was Knighted by the President of the Republic of Italy in the highest Order of the Republic (the Order of Merit) with the Knighthood decoration of Cavaliere Ufficiale and in 2010 he was only surgeon and one of the few ever inducted into the Association of American Physicians (AAP). In 2011 he received the D-Life's Top Award for making the biggest difference in diabetes in 2010 (international web-based public vote competition). In 2018 Ricordi was inducted into the National Academy of Inventors for contributing outstanding inventions that have made a tangible impact on quality of life, economic development, and welfare of society. In 2018 he was also ranked as the top-rated expert in islet transplantation in the world.

- 1987 Chairman, Workshop on “Guidelines for the Standardization of Islet Retrieval and Transplantation”.
National Research Service Award (USA), Immunogenetics and Immunobiology of Islet Transplantation
- 1988 Co-Chairman at the XII International Congress of the Transplantation Society. Sydney, Australia.
Chairman at the II International Symposium on Transplantation of the Endocrine Pancreas. Vrnjacka Banja, Yugoslavia,
- 1989 Advisor of the European Economic Community for Islet Isolation Technology, Brussels
Co-Chairman at the 4th International Symposium on Organ Procurement and Preservation, Minneapolis, Minnesota
Chairman, First International Workshop on Standards for Islet Isolation Assessment in Man and Large Animals. 2nd International Congress on Pancreatic and Islet Transplantation. Minneapolis, Minnesota
Chairman and Member of the Scientific Committee, 3rd International Symposium, Transplantation of the Endocrine Pancreas. Belgrade, Yugoslavia
- 1990 Group Leader/Research Consultant, 4th European Medical Student Workshop, Juvenile Diabetes Foundation International, Rome, Italy.
Invited Plenary Lecture on “New Frontiers in Transplantation: Cell Transplantation.” XIII International Congress of the Transplantation Society, San Francisco, CA
Co-Chairman at the XIII International Congress of the Transplantation Society, San Francisco, CA
Chairman and Member of the Scientific Committee, 4th International Symposium, Transplantation of the Endocrine Pancreas. Belgrade, Yugoslavia
- 1991 Chairman at the Third International Congress on Pancreatic and Islet Transplantation and Symposium on Artificial Insulin Delivery, Lyon, France
Lilly Humulin Prize Lecture, Isolation and Transplantation of Pancreatic Islets, Genoa, Italy
- 1992 Chairman, First International Congress of the Cell Transplant Society, Pittsburgh, Pennsylvania
Co-Chairman, symposia session Cellular Transplantation, Islet Transplantation, XIV International Congress of the Transplantation Society, Paris, France
President, The Cell Transplant Society (1992-1994)
- 1993 Invited Plenary Lecture: “Clinical Trials of Islet Transplantation in the 90’s: Milestone or Curiosity?” American Diabetes Association 53rd Scientific Sessions, Las Vegas, Nevada

- 1994
 Founder and Chairman: Diabetes Research International Network. (INTERNET)
 Co-Founder: National Diabetes Research Coalition.
 NIH SAT Study Section
 NIH SBIR Study Section
- 1995
 NIH-NIAID Expert Panel, Clinical Approaches for Tolerance Induction
 Chairman: Session on “Applications of Cell Transplantation to Disease”, “Cell Transplantation: Technology and Applications for the 21st Century” Meeting, Miami, FL
 Co-Chairman, International Symposium on Cellular Transplantation, Miami, FL
 Invited Speaker, Pig to Human Transplantation, Nobel Forum, Stockholm, Sweden
 Chairman: Fifth International Congress on Pancreas and Islet Transplantation, Miami Beach, FL
 Opening lecture at the Italian Congress on Organ Transplantation, Bari, Italy.
 Invited lecture, Institute of Medicine, National Academy of Science, Washington, DC
 NIH-NIAID, Expert Panel on Immunologic Interventions for Promoting Transplant Tolerance
- 1996
 Chairman, Session on Islet Transplantation and Bioengineering, Sixth Milano International Meeting on Diabetes, Milan, Italy.
 Invited Presidential Speaker, American Society for Neural Transplantation, Clearwater, FL
 Chairman, Session on Bone Marrow Transplantation and Augmentation, American Society of Transplant Physicians, Dallas, Texas.
 Research Grant Review Panel of the American Diabetes Association.
 Chairman, Session on Endocrine Cell Transplantation and Genetic Engineering, International Symposium on Endocrine Cell Transplantation and Genetic Engineering, Justus-Liebig Universitat, Giessen, Germany.
 Chairman, Session on Tolerance Induction by Gene Transfection, XVI International Congress of the Transplantation Society, Barcelona, Spain.
 Chairman, Third International Congress of the Cell Transplant Society, Miami Beach, Florida
 Chairman, National Diabetes Research Coalition
 Chairman, Session on Transplantation, Second Congress of the Immunology of Diabetes Society, Canberra, Australia
- 1997
 Walter Brendel Award for the best scientific presentation at the XXXIIth Congress of the European Society for Surgical Research
 NIH SAT Study Section
 Chairman, Sixth Congress of the International Pancreas and Islet Transplant Association, Milano, Italy
 Plenary Invited Lecture, National Academy of Science, Warsaw, Poland
 ASTP –ASTS Task Force on Transplantation Tolerance, Chicago, IL
- 1998
 Chairman, “Cellular and Molecular Technologies in Transplantation” session, The Miami Nature Biotechnology Winter Symposia—Molecular Biology in the Conquest of Disease, Miami, FL
 Chairman for two sessions: “Regulatory Issues: cGMP, SOP’s, Islet Assessment and Quality Control” and “Consensus Review and Concluding Remarks”, Ist Workshop on Clinical Islet Transplantation, New Orleans, LA
 Chairman, “Islet Transplantation “Session, XVII World Congress of The Transplantation Society, Montreal, Quebec, Canada
- 1999
 Chairman, Plenary Session, Fourth International Congress of the Cell Transplant Society, Montreux, Switzerland
 NIH Study Section, “Stem Cell Transplantation to Establish Allochimerism”
 Chairman, Symposium on Cellular Xenotransplantation in Humans, ASTS mtg, Chicago
 Reviewer for Telethon Foundation, Milan, Italy
 NIH Center for Scientific Review, Special Emphasis Panel
 NIH SAT Study Section, Bethesda, MD
 Councillor, American Society of Transplant Surgeons (ASTS) (1999-2003)
 President, International Pancreas and Islet Transplantation Association (IPITA) (1999-2001)
 Chairman, Workshop in Clinical Factors in Human Islet Allotransplantation , IPITA Congress, Sydney, Australia

- Chairman, Subcommittee on Islet Transplantation, NIH-NIAID Collaborative Network for Clinical Research on Immune Tolerance
 Millenium Award for diabetes and transplantation research from Italy-America Chamber of Commerce
 National Disease Research Interchange (NDRI) Award for 10 years of service
 Special government consultant to the Center for Biologics Evaluation and Research of the FDA
 Member, UNOS Kidney and Pancreas Transplantation Committee meeting
- 2000
 Chairman, National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel
 Chairman, NIH SBIR Review Study Section
 NIH SAT Study Section
 Recipient of the 1999-2000 Dean's Research Award (University of Miami)
 Chairman, Cell Transplant SubCommittee of ASTS/AST mtg, Chicago
 Chairman, Oral Abstract Presentation Session "Cell Transplantation", XVII International Congress of The Transplantation Society, Rome, Italy
 Member, International Scientific Board of Bionics for Human Beings in the Third Millenium Congress, Rome, Italy
- 2001
 Chairman, Oral session on Islet Transplantation and long-term results of pancreas transplantation, at the Joint
 ASTS/AST Transplant 2001 Meeting, Chicago, Illinois
 Member – GCRC Review Committee, National Center for Research Resources (NCRR)
 Nessim Habib World Prize in Surgery for Invention of a Machine or Apparatus that Enables Surgical Progress. – University of Geneva
 Chairman, Plenary session and Poster session; Chairman, Panel Discussion on "How will diabetes be treated in the year 2010", International Pancreas and Islet Transplant Association (IPITA) meeting, Innsbruck, Austria
 Chairman, Stem Cells Symposium and Co-Chairman, Symposium on The Application of Stem Cell Technology to Clinical Research at the Cell Transplant Society 10th Anniversary Meeting, Keystone, Colorado
 Chairman, NIH SBIR Special Study Section
 Scientific Advisory Committee of NIDDK's Collaborative Islet Transplant Registry (CITR)
 Diabetes Research Institute Foundation's Establishment of "The Camillo Ricordi Humanitarian Award"
- 2002
 Recipient of the University of Miami's Provost Award for Scholarly Activity
 Chairman, Symposium video session on Preparation of Islets for Transplantation; Chairman, Islet Transplantation Scientific Session, American Transplant Congress
 Recipient of the Outstanding Scientific Achievement Award and delivery of the Lilly Lecture at the ADA Congress, San Francisco, CA
 Congress Co-Chairman and Chairman, Local Organizing Committee, XIX International Congress of the Transplantation Society
 Recipient of the Carl Gustav Groth Lecture (Nobel Medical Committee) Award, Stockholm, Sweden
 NIH-ICRs Executive Committee as Director of the NIH regional center for human islet cell processing (ICRs)
- 2003
 Co-Chair, Tissue Processing and Monitoring session, 6th Int Congress of The Cell Transplant Society, Atlanta, GA
 Chair, Costimulation Pathways in Autoimmunity & Transplantation session, ADA congress, New Orleans, LA
 Chair, III Human Islet Isolation and Transplantation Techniques & Training Workshop, Minneapolis, MN
 Chair, Islet Summit Conference, Miami, FL
- 2004
 President of the Board of Directors (Consiglio di Amministrazione), Mediterranean Institute for Transplantation and Advanced Therapies (ISMETT), Palermo, Italy

- Recipient of the International Miami Award 2004 (Gente d'Italia and Center for Italian-Latin American studies)
Selected by NIH as 1 of 6 extramural scientists profiled in the book "NIH Overview of Research Activities", publication # 04-5488, September 2004
- 2005
Chairperson, NIH Clinical Islet Transplant Consortium
Chairperson, NIH/NIDDK Strategic Planning Executive Committee
Member, NIH Expert Panel on Transplantation Research
- 2006
Recipient of the Lois Pope LIFE International Research Award
Miami Chamber of Commerce 2006 Health Care Hero Biomedical Award
Julius Caesar Presidential Medal, City of Rome, Campidoglio
Paul Harris Fellowship Award, Rotary International, 2006
Community Recognition Award, South Florida International Press Club
Chairperson, Clinical and Experimental Islet Session, World Transplant Congress, Boston, MA
Transplantation Society/Roche Award for Outstanding Achievement in Transplantation Science (Clinical)
Chairman, Diabetes Research Institute Federation
- 2007
Appointed Distinguished Professor of Medicine at University of Miami
Member, Scientific Advisory Board of the Diabetes Research Institute of l'Istituto Scientifico San Raffaele di Milano, Italy
Honorary Member of the Fondazione ISTUD, Italy
Reappointed as a Special government consultant to the Center for Biologics Evaluation and Research of the FDA
- 2008
Recipient of the National Italian American Foundation Special Achievement Award
Member, Immune Tolerance Network (ITN) Islet Transplantation Assessment Group
Galileo Lecture, EASD Congress, Rome, Italy
- 2009
Knighted by the Italian Republic in the "Ordine al Merito della Repubblica Italiana" (the highest order of the Italian Republic) with the Knighthood decoration of Cavaliere Ufficiale
Presidential lecturer at 3rd European Diabetes Technology and Transplantation Meeting in Innsbruck-Igls, Austria
- 2010
Member – Association of American Physicians
- 2011
D-Life's Top Award for making the biggest difference in diabetes in 2010 (international web-based public vote competition)
President, Cure Focus Research Alliance
Chairperson, Session on Clinical Islet Transplantation: New Frontiers, at IPITA World Congress in Prague
Chairperson, Session on Regulatory and other challenges towards clinical translation of cellular therapies, xenotransplantation and regenerative medicine strategies, at CTS-IXA Joint International Congress in Miami Beach, FL
- 2012
Ranked #1 among diabetes scientists working abroad (Top Italian Scientists – www.topitalianscientists.org)
Member of the working group on stem cell research of the Pontifical Academy of Sciences, The Vatican, Italy
- 2013
Working group on stem cell research of the Pontifical Academy of Sciences, The Vatican, Italy.
Co-Chair of Plenary Session in 12th Congress of the Cell Transplant Society, Milan, Italy
Appointed President of RiMED Foundation in Italy for a period of 5 years
- 2014
Received 2014 Best Oral Abstract Presentation Award at ISCT Meeting in Paris, France

- 2015 Lecture named in Dr. Ricordi's honor for his vision, leadership and integral role in the development of the Cell Transplant Society (CTS) and for his ongoing contributions to the field of cellular research. Lecture Delivered at IPITA-IXA-CTS joint congress in Melbourne, Australia.
Chairperson, Session on Stem Cells, Bioengineering & Preclinical Work, IPITA-IXA-CTS joint congress, Melbourne, Australia
Chairperson, Session on Modulating Islet Inflammation, IPITA-IXA-CTS joint congress, Melbourne, Australia
Chairperson for Symposium, "Prospects for Clinical Islet Xenotransplantation," IPITA-IXA-CTS joint congress, Melbourne, Australia
Chairperson, Session on Diabetes – Research and Clinical Trial Update, World Stem Cell Summit, Atlanta, GA, December 12, 2015
- 2016 Chairperson, Session on Improving Clinical Beta Cell Transplantation, EASD Annual Congress, Munich, Germany, Sept. 16, 2016
Recipient of the 2016 Stem Cell & Regenerative Medicine Action "Advocacy Award" at World Stem Cell Summit, West Palm Beach, FL, Dec. 7, 2016
- 2017 Chairperson, Session on Bioartificial Scaffolds and Cellular Encapsulation as Bioengineering Strategies for Islet/Beta Cell Replacement, 16th IPITA International Congress, Oxford, United Kingdom
- 2018 Inducted into the National Academy of Inventors (NAI), Washington, DC, April 5, 2018
Ranked as #1 world expert in transplantation of insulin producing cells for treatment of diabetes, among over 4,000 physicians, surgeons and scientists evaluated. (Dec. 2018)
- 2019 Appointed by the Italian Minister of Health to Italy's Supreme Council of Health, the committee of 30 medical experts who advise the government on health policy. (Feb.)
Selected 1 of 12 Good Men by Ronald McDonald House Charities of South Florida (April)

PATENTS AWARDED

1. **U.S. Patent No. 5,079,160**, Method to Isolate Clusters of Cell Subtypes from Organs. Awarded Jan. 7, 1992, Inventors: Paul E. Lacy, David W. Scharp and Camillo Ricordi.
2. **U.S. Patent No. 5,772,994**, Hematopoietic Facilitatory Cells and Their Uses, Awarded June 30, 1998, Inventors: Suzanne T. Ildstad, Richard L. Simmons, Camillo Ricordi, Sherry M. Wren and Christina Kaufman.
3. **U.S. Patent No. 6,004,743**, Method and apparatus for bulk enrichment of a population or subpopulation of cells. Awarded Dec. 21, 1999. Inventors: Norma Sue Kenyon, Thomas R. Russell, Camillo Ricordi and Robert K. Zwerner.
4. **U.S. Patent No. 6,281,341 B1**, Hetero-polysaccharide conjugate and methods of making and using the same. Awarded August 28, 2001. Inventors: Marcos Mares-Guia and Camillo Ricordi.
5. **U.S. Patent No. 6,406,695**, Treatment of hepatitis C by administration of anti-IL-2 receptor monoclonal antibody. Awarded June 18, 2002. Inventors: Andreas G. Tzakis and Camillo Ricordi.
6. **U.S. Patent No. 6,630,154**. Polymer formulations containing perfluorinated compounds for the engineering of cells and tissues for transplantation that improves cell metabolism and survival, and methods for same. Awarded Oct. 7, 2003. Inventors: Christopher Fraker, Luca Inverardi, Marcos Mares-Guia and Camillo Ricordi.
7. **U.S. Patent No. 6,833,270**. Apparatus and method for isolating cells from organs. Awarded Dec. 21, 2004. Inventors: Ramon Poo and Camillo Ricordi.
8. **U.S. Patent No. 7,186,549**. Container for shipping items in aircraft. Awarded March 6, 2007. Inventors: Ramon Poo and Camillo Ricordi.
9. **U.S. Patent No. 7,188,994**. Orbital shaker for cell extraction. Awarded March 13, 2007. Inventors: Ramon Poo and Camillo Ricordi.
10. **U.S. Patent No. 7,655,391**. Method for shipping items in an aircraft. Awarded February 2, 2010. Inventors: Ramon Poo and Camillo Ricordi.
11. **U.S. Patent No. 7,713,686**. Organ preservation container and method. Awarded May 11, 2010. Inventors: Ramon Poo and Camillo Ricordi.
12. **U.S. Patent No. 7,790,437**. Organ transportation device. Awarded September 7, 2010. Inventors: Ramon Poo and Camillo Ricordi.

13. **Russian Patent No. 2401084.** Hybrid device for cell therapies. Awarded October 10, 2010. Inventor: Camillo Ricordi.
14. **New Zealand Patent No. 553080.** Hybrid device for cell therapies. Awarded February 9, 2011. Inventor: Camillo Ricordi.
15. **U.S. Patent No. 7,910,359 B2.** Hybrid device for cell therapies. Awarded March 22, 2011. Inventor: Camillo Ricordi.
16. **San Marino Patent No. SM-P-200700004.** Hybrid device for cell therapies. Awarded May 4, 2011. Inventor: Camillo Ricordi.
17. **San Marino Patent No. SM-P-200900075.** Therapeutic hybrid implantable devices. Awarded October 20, 2011. Inventors: Camillo Ricordi, Peter Buchwald, Christopher A. Fraker, Luca Inverardi, Norma S. Kenyon, Antonello Pileggi, Cherie Stabler Anderson, Nicholas Bodor, Fabio Grassi, Jeffrey Hubbell and Paul Latta.
18. **U.S. Patent No. 8,263,389.** Perifusion Device. Awarded September 11, 2012. Inventors: Ramon E. Poo, Camillo Ricordi, Felipe Echeverri, Over Cabrera, Per-Olof Berggren.
19. **US Patent No. 8,355,692.** System and method for transmitting user data received by an authorized approver. Awarded: January 15, 2013. Inventors: Camillo Ricordi, Steven Sikes, Stephen William Anthony Sanders.
20. **U.S. Patent No. 8,551,770.** Enhanced oxygen cell culture platforms. Awarded: October 8, 2013. Inventors: Christopher A. Fraker, Juan Dominguez-Bendala, Camillo Ricordi and Luca Inverardi.
21. **U.S. Patent No. 8,702,684.** Therapeutic hybrid implantable devices. Awarded: April 22, 2014. Inventors: Nicholas Bodor, Peter Buchwald, Christopher A. Fraker, Jeffrey Hubbell, Luca Inverardi, Norma Sue Kenyon, Paul Latta, Cherie Stabler Anderson, Fabio Grassi and Camillo Ricordi.
22. **U.S. Patent No. 8,785,178.** Perifusion Device. Awarded July 22, 2014. Inventors: Ramon E. Poo, Camillo Ricordi, Felipe Echeverri, Over Cabrera and Per-Olof Berggren.
23. **U.S. Patent No. 8,865,427.** Perifusion Device. Awarded October 21, 2014. Inventors: Ramon E. Poo, Camillo Ricordi, Felipe Echeverri, Over Cabrera and Per-Olof Berggren.
24. **U.S. Patent No. 8,986,725.** Silicone-Peroxide compositions for long-term, controlled oxygen release. Awarded March 24, 2015. Inventors: Cherie Stabler, Benjamin L. Harrison, Christopher Fraker, Eileen Pedraza and Camillo Ricordi.
25. **U.S. Patent No. 9,175,254.** Enhanced oxygen cell culture platforms. Awarded Nov. 3, 2015. Inventors: Christopher A. Fraker, Juan Dominguez-Bendala, Camillo Ricordi and Luca Inverardi.
26. **U.S. Patent No. 9,308,269.** Stable liquid formulations of volatile gas anesthetics. Awarded April 12, 2016. Inventors: Ernesto Pretto Jr, Camillo Ricordi, Kyota Fukasawa, Antonello Pileggi and Christopher Fraker.
27. **U.S. Patent No. 10,081,809.** Methods of treating diabetes and/or promoting survival of pancreatic islets after transplantation. Awarded Sept. 25, 2018. Inventors: Giovanni Monteleone, Peter Buchwald, Luca Inverardi, Antonello Pileggi, Camillo Ricordi and Alice Tomei.

PUBLICATIONS

BOOKS AND MONOGRAPHS PUBLISHED:

1. Ricordi C. The Automated Method for Islet Isolation. In: Pancreatic Islet Cell Transplantation; 1892-1992: One Century of Transplantation for Diabetes. Ricordi C (Ed.). R.G. Landes Company, Austin, Berlin, Medical Publisher, CRC Press (Distr.), Chapter 10, p. 99-112, May 1992.
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697. Odella R, Casiraghi F, Adamo M, Ferrulli A, Macri C, Bazzigaluppi E, Terruzzi I, Inverardi L, Ricordi C, Luzi L. Effect of aerobic physical activity on inflammatory and autoimmune parameters in Type 1 diabetes. Poster presentation at ADA's 76th Scientific Sessions, New Orleans, LA, June 2016.
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699. Garcia-Contreras M, Tamayo A, Brooke M, Bosi C, Boccuzzi L, Buchwald P, Robbins PD and Ricordi C. Exosomes secreted by insulin-secreting cells and human islets under stress conditions reveal an altered microRNA profile: Implications for monitoring islet transplantation. Poster presentation at International Society for Extracellular Vesicles (ISEV), Toronto, Canada, May 18-21, 2017.

700. Baidal DA, Ricordi C, Berman DM, Pileggi A, Alvarez AM, Padilla N, Ciancio G, Linetsky E and Alejandro R. Persistent graft function following clinical islet transplantation in the omentum using a biologic scaffold. Oral presentation at American Diabetes Association Scientific Sessions, June 10, 2017.
701. Zilio S, Romero L, Abdulreda M, Serafini P, Ricordi C, Buchwald P and Strbo N. Humanized mouse model for allo-immune response in T1D. Presented at the Human Islet Research Network (HIRN) Annual Investigator Meeting, Washington, DC, May 9-10, 2018.
702. Van Simaey D, de la Fuente A, Abdulreda M, Zilio S, Strbo N, Sharpe P, Buchwald P, Ricordi C and Serafini P. RNA aptamer for the in vivo modulation of β -cells biology. Presented at the Human Islet Research Network (HIRN) Annual Investigator Meeting, Washington, DC, May 9-10, 2018. Presented at the Human Islet Research Network (HIRN) Annual Investigator Meeting, Washington, DC, May 9-10, 2018.
703. Baidal D, Ricordi C, Berman DM, Pileggi A, Alvarez Gil AM, Padilla N, Ciancio G, Linetsky E and Alejandro R. Long-term function of islet allografts transplanted on the omentum using a biological scaffold. Oral presentation at American Diabetes Association 78th Scientific Sessions, June 23, 2018.
704. Rios P, Baidal D, Padilla N, Alvarez Gil AM, Madiraju S, Ambut J, Mantero AM, Messinger Cayetano S, Ricordi C, and Alejandro R. Persistence of allosensitization after islet allograft failure. Oral presentation at American Diabetes Association's 78th Scientific Sessions, June 23, 2018.
705. Qadir F, Weitz J-A, Alvarez-Cubela S, Klein D, Lanzoni G, Garcia-Santana CA, Montalvo A, Ricordi C, Inverardi L, Caicedo A, Pastori R, Dominguez-Bendala J. Poster presentation at American Diabetes Association's 78th Scientific Sessions, June 22-26, 2018.
706. Qadir MMF, Alvarez-Cubela S, Van Dijk J, Weitz J, Cechin S, Klein D, Tomayo A, Almaca J, Caicedo A, Kusmartseva I, Hiller H, Beery M, Johnson K, Moreno Hernandez YB, Navarro-Rubio Coello de Portugal MB, Sadiq S, Ricordi C, Pugliese A, Fraker CA, Pastori RL, Dominguez-Bendala J. Real-time monitoring and high resolution analysis of human pancreatic ductal plasticity. Poster presentation at American Diabetes Association's 79th Scientific Sessions, June 7-11, 2019.
707. Baidal D, Berman DM, Ricordi C, Alvarez-Gil AM, Padilla N, Ciancio G, Linetsky E, Alejandro R. Stable graft function and glycemic control after clinical islet transplantation on the omentum. Poster presentation at American Diabetes Association's 79th Scientific Sessions, June 7-11, 2019.
708. Baidal D, Alvarez-Gil AM, Padilla N, Ricordi C, Alejandro R. Continuous glucose monitoring metrics in islet transplant recipients with long-term insulin independence. Poster presentation at American Diabetes Association's 79th Scientific Sessions, June 7-11, 2019.

Published Standard Operating Procedures (SOPs)

1. Linetsky E, Pileggi A, Khan A, Alejandro R, Inverardi L and Ricordi C. Human vertebral body marrow processing: Standard operating procedure from the cGMP human cell processing facility of the Cell Transplant Center and Diabetes Research Institute at the University of Miami. CellR4 1(3):e557, 2013.
2. Purified human pancreatic islets (PHPI) master production batch record – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(2):e891, 2014.
3. Functional assessment of purified human pancreatic islets: Glucose stimulated insulin release by ELISA – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(2):e900, 2014.
4. Purified human pancreatic islets, CIT Culture Media – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e981, 2014.
5. Purified human pancreatic islets, CIT Digestion Solution – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e985, 2014.
6. Purified human pancreatic islets, CIT Transplant Wash Media – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e987, 2014.
7. Purified human pancreatic islets, CIT Wash Solution – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e989, 2014.
8. Purified human pancreatic islets, CIT Purification Density Gradients – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e991, 2014.
9. Purified human pancreatic islets, CIT purification solution – A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e993, 2014.
10. Purified human pancreatic islets, supplementary purification, Biocoll procedure and record - A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e995, 2014.
11. Purified human pancreatic islets, supplementary purification, discontinuous polysucrose procedure & record - A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e997, 2014.

12. Purified human pancreatic islets, supplementary purification, OptiPrep procedure and record - A standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 2(3):e999, 2014.
13. Ichii H, Pileggi A, Molano RD, Linetsky E, Alejandro R, Inverardi L and Ricordi C. Cellular composition and fractional β -cell viability assay protocol at the Diabetes Research Institute – University of Miami. CellR4 2(4):e1121, 2014,
14. Molano RD, Ricordi C and Pileggi A. In vivo assessment of human islet potency. CellR4 2(4):e1150, 2014. PMID: 31001570
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16. Purified human pancreatic islets: CIT enzyme solution Vitacyte enzymes and Vitacyte/SERVA enzymes combination - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1350, 2015.
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18. Purified human pancreatic islet: Qualitative and quantitative assessment of islets using Dithizone (DTZ) – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1369, 2015.
19. Purified human pancreatic islet: Viability of estimation of islet using fluorescent dyes, Attachment I, Preparation of Fluorescein Diacetate and Propidium Iodine solutions – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1374, 2015.
20. Purified human pancreatic islet: Viability estimation of islet using fluorescent dyes, Attachment II, Islet Viability Worksheet – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1376, 2015.
21. Purified human pancreatic islet: Viability estimation of islet using fluorescent dyes (FDA/PI) – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1378, 2015.
22. Purified human pancreatic islets, specification (Product Codes PHPI-A-01, PHPI-L-01, PHPI-E-01) – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1437, 2015.
23. Purified human pancreatic islets, in vivo islets function – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1444, 2015.
24. Purified human pancreatic islets, interim certificate of analysis (Product Code PHPI-A-01) – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1446, 2015.
25. Purified human pancreatic islets, certificate of analysis (Product Code PHPI-A-01) – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1448, 2015.
26. Purified human pancreatic islets, CIT transplant media – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 3(1):e1523, 2015.
27. Purified human pancreatic islets, deceased donor pancreas qualification – Standard operating procedure of the NIH CIT Consortium Chemistry Manufacturing Controls Monitoring Committee and the NIH CIT Consortium. CellR4 4(2):e1822, 2016.
28. Purified human islets, CIT enzyme solution-SERVA enzymes proportional units collagenase & neutral protease – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium and the NIH CIT Consortium Chemistry Manufacturing Controls Monitoring Committee CellR4 4(2):e1831, 2016.
29. Raw material specification, CMRL 1066, supplemented, CIT modifications – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1895, 2016.
30. Raw material specification, CMRL 1066 transplant media, contains hepes and without sodium bicarbonate – Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1897, 2016.
31. Raw material specification, Hanks' balanced salt solution, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1904, 2016.
32. Raw material specification, Heparin Sodium injection, USP - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1906, 2016.
33. Raw material specification, Hepses buffer, 1 M solution, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1908, 2016.
34. Raw material specification, gradient stock solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1910, 2016.
35. Raw material specification, Phase 1 solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1912, 2016.
36. Raw material specification, cold storage/purification stock solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1914, 2016.
37. Raw material specification, albumin human USP, 25% solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1916, 2016.

38. Raw material specification, Hydrochloric Acid NF, 1 normal - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1918, 2016.
39. Raw material specification, insulin-like growth factor-1 (IGF-1) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1920, 2016.
40. Raw material specification, insulin human injection USP, recombinant - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1922, 2016.
41. Raw material specification, collagenase NB 1, GMP grade - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1924, 2016.
42. Raw material specification, neutral protease NB, GMP grade - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1926, 2016.
43. Raw material specification, OptiPrep - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1928, 2016.
44. Raw material specification, trimming solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1930, 2016.
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46. Raw material specification, PentaStarch, 10% solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1934, 2016.
47. Raw material specification, Povidone Iodine USP, 10% - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1974, 2016.
48. Raw material specification, Pulmozyme (dornase alfa), 2.5 mL/vial, 1 mg/mL - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1978, 2016.
49. Raw material specification, RPMI 1640 with L-Glutamine - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1980, 2016.
50. Raw material specification, water for injection, sterile, USP - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1982, 2016.
51. Raw material specification, Viaspan (Belzer UW) cold storage solution - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1984, 2016.
52. Raw material specification, Biocoll separating solution, density 1.100 g/mL - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1986, 2016.
53. Raw material specification, calcium chloride USP (Dihydrate) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1988, 2016.
54. Raw material specification, Cefazolin Sodium USP - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1990, 2016.
55. Raw material specification, Ricordi unfusion bag - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1992, 2016.
56. Raw material specification, CIzyme collagenase HA - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1994, 2016.
57. Raw material specification, CIzyme Thermolysin - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e1996, 2016.
58. Raw material specification, Collagenase NB I, premium grade - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2000, 2016.
59. Raw material specification, neutral protease NB - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2002, 2016.
60. Raw material specification, stock polysucrose solution, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2004, 2016.
61. Raw material specification, islet gradient 1.037, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2006, 2016.
62. Raw material specification, islet gradient 1.096, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2008, 2016.
63. Raw material specification, islet gradient 1.108, sterile - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2010, 2016.
64. Raw material specification, Liberase MTF, C/T GMP grade - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2012, 2016.
65. Raw material specification, calcium chloride injection USP - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 4(3):e2014, 2016.

66. Raw material specification, Lisofylline, 60 mg/mL - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2278, 2017.
67. Raw material specification, Exenatide, 250 ug/mL - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2280, 2017.
68. Purified human pancreatic islets master production batch record, Part 1 University of Illinois, Chicago & University of Miami (Product Codes PHPI-A-01, PHPI-E-01, PHPI-L-01) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2284, 2017.
69. Purified human pancreatic islets master production batch record, Part 1 University of Illinois, Chicago & University of Miami (Product Codes PHPI-A-01 & PHPI-L-01) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2286, 2017.
70. PHPI, MPBR, Part 2A (Product Code PHPI-A-01, Islets Alone) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2288, 2017.
71. PHPI, MPBR, Part 2A (Product Code PHPI-A-01, Islets Alone) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2290, 2017.
72. PHPI, MPBR, Part 2B (Product Code PHPI-L-01 or PHPI-E-01, Islets with Lisofylline or Exenatide) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2292, 2017.
73. PHPI, MPBR, Part 2B (Product Code PHPI-L-01, Islets with Lisofylline) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2294, 2017.
74. Purified human pancreatic islets with Lisofylline, interim certificate of analysis (Product Code PHPI-L-01 - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(2):e2296, 2017.
75. Purified human pancreatic islets with Exenatide, certificate of analysis (Product Code PHPI-E-01) - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(3):e2375, 2017.
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78. Purified human pancreatic islets, CIT transplant wash media with Lisofylline or Exenatide - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(3):e2381, 2017.
79. Purified human pancreatic islets, CIT transplant wash media with Lisofylline - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(3):e2383, 2017.
80. Purified human pancreatic islets, CIT transplant media with Lisofylline or Exenatide - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(3):e2385, 2017.
81. Purified human pancreatic islets, CIT transplant media with Lisofylline - Standard operating procedure of the NIH Clinical Islet Transplantation Consortium. CellR4 5(3):e2387, 2017.

WORKS ACCEPTED FOR PUBLICATION

Boccuzzi L, Sears B and Ricordi C. The use of high-dose Omega-3 PUFAs and Vitamin D co-supplementation as a therapeutic approach for IBD-related symptoms: case report and literature reviews. CellR4 2019, in press.

WORKS SUBMITTED

Tan J, Wu Z, Xu X, Cai J, Chen J, Huang L, Wu W, Pugliese A, Ricordi C. Prevention of chronic diabetic complications in Type 1 diabetes by co-transplantation of umbilical cord mesenchymal stromal cell and autologous bone marrow: A pilot randomized controlled open-label clinical study with 8-year follow-up. Diabetes Care, 2019.

Rios P, Baidal D, Camhi SS, Infante M, Padilla N, Alvarez Gil AM, Ambut J, Qasmi FA, Mantero AM, Messenger Cayetano S, Ricordi C, Alejandro R. Long-term persistence of allosensitization after islet allograft failure. Transplantation, 2020.

PROFESSIONAL

FUNDED RESEARCH PERFORMED**AS PRINCIPAL INVESTIGATOR**

Grants	Years Inclusive	Grant Title	Source
\$ 44,000	1986-87	Trainee in Immunobiology & Immunogenicity- of Islet transplantation	NIH
\$ 363,636	1987	Trapianto Di Isole Pancreatiche	Ministero Della Sanita (Ministry of Health, Italy)
\$ 97,500	1988-90	Isolation and transplantation of swine pancreatic islets	JDFI 188105
\$ 192,727	1989-91	Isolation, characterization and synthesis of antigens for diagnosis and immunomanipulation of autoimmune disease	EU 286 EEC/Nova Nordisk Industries A/S, Denmark
\$ 390,000	1991	Isolamente,, Purificaxione Studio Metabolico, Conservazione e Trapianto di Isole Umane	Fondazione Centro San Romanello del Monte Tabor, Italy
\$ 95,455	1991-93	Effect of pancreas procurement, islet separation and purification on on human islet yield, function and immunogenicity.	JDFI 1911421
\$ 100,000	1993-95	Effect of the microenvironment at the at the transplant site on engraftment and function of islet allografts and xenografts.	JDFI 193178
\$ 750,000	1995-01	Islet and bone marrow isolation laboratory	Diabetes Research Institute Foundation (DRIF)
\$ 100,000	1995-97	Cure of diabetes by bone marrow and islet transplantation	JDFI 195086
\$ 100,000	1995-97	Cytotoxically deficient bone marrow transplanta- tion for tolerance induction to islet grafts	JDFI 195087
\$ 518,425	1996-00	Transplantation Tolerance by Cytolytic Deficient Bone Marrow	NIH/NIDDKD DK50710
\$ 1,113,409	1996-01	Affecting Graft Survival with Donor Bone Marrow Infusion	NIH/NIDDKD DK50759
\$ 509,718	1996-01	Immunopathogenesis of Chronic Rejection: Bone Marrow Sub Core	NIH 1P01 AI401601
\$ 100,000	1996-98	Preventing Early Loss of Transplanted Islets	ADA
\$ 100,000	1996-98	Human Islet Cells for Bench to Bedside Research to Cure Diabetes	JDFI 196102, USA
\$ 15,000,000	1996-2001	Biologic Replacement Strategies to Cure Diabetes	DRIF 1996-2001 AOA
\$ 1,962,753	1998-02	Immunomodulation for Islet Transplantation In Diabetes	NIH DK55347-03
\$ 1,813,740	1998-03	Human Islet Processing and Distribution Initiative (Islet Distribution Center)	JDFI#9-1998-1007
\$ 584,930	1998-00	Novel Immunotherapy Towards a Safe and Successful Islet Replacement in Early Diabetes	JDFI#4-1998-212
\$ 721,551	2000-02	Novel Immunotherapy Towards a Safe and Successful Islet Replacement in Early Diabetes	JDFI#4-2000-946
\$ 5,058,391	2000-09	Pathways to Tolerance in Human Islet Transplantation	NIH 1R01 DK56953-02
\$ 570,434	2000-06	Immune Tolerance Collaborative Network/Edmonton (Overall grant \$8,515,602)	NIH N01 A1 95380 Subcontract #5304528602
\$ 2,718,592	2000-03	Health Care Facilities & Other Construction Project	HRSA 6C76HF 00075-01
\$ 1,072,163	2001-05	JDFI Gene Therapy Ctr for Prevention of Diabetes & Diabetes Complications at U of Florida and U of Miami (Overall grant \$9,890,128)	JDFI 4-2000-947
\$ 2,779,544	2006-09	Human Pancreatic Islet Cell Resource to Catalyze Collaborative Diabetes Research (ICR)	NIH 5U42 RR016603
\$ 2,535,902	2002-06	Pancreatic transplantation and diabetes mellitus	NIH 5R01 DK25802

\$ 2,044,155	2003-07	HRSA-The Use of Perfluorinated Hydrocarbons During Pancreas Procurement	5R380TO1367-03-00
\$ 12,075,000	2003-08	JDRF Center for Islet Transplantation at the University of Miami-Diabetes Research Institute	JDRF # 4-2004-361
\$ 30,000,000	2004-09	Biologic Replacement Strategies to Cure Diabetes	DRIF 2004-2009
\$ 10,486,955	2004-13	Strategies to Improve Long Term Islet Graft Survival	NIH 5UO1DK70460
\$ 1,256,421	2005-06	The Somatic Cell Processing Facility at DRI/UM	Dept of Defense Contract #2004-FRS-0122 JDRF #17-2006-1029
\$ 940,000	2006-08	Autologous Implantation of Liver-Derived Transdifferentiated Cells in NHPs	
\$ 890,960	2007-10	Beta cells from amniotic stem cells for diabetes therapy	NIH 5 RO1 EB008009-03
\$ 2,979,740	2008-11	The JDRF Accelerator for human beta cell replacement and tolerance induction	JDRF 4-2008-811
\$ 308,854	2012-15	A perfluorocarbon-based culture device for beta cell biology applications	NIH R43 DK083832-11
\$ 7,700,000	2009-10	Diabetes Research	DRI Foundation
\$ 3,287,800	2009-12	Local immunomodulation/immunosiolation strategies for beta cell replacement	JDRF 17-2010-5 Helmsley Fdn
\$ 8,000,000	2010-11	Diabetes Research	DRI Foundation
\$ 314,696	2010-15	The Collaborative Network for Clinical Research Immune Tolerance (ITN)	NIH sub-k thru California 107091
\$ 8,200,000	2011-12	Diabetes Research	DRI Foundation
\$ 7,500,000	2012-13	Diabetes Research	DRI Foundation
\$ 4,630,309	2012-17	Development of an Extrahepatic Site for Beta Cell Replacement Without Continuous Immunosuppression	JDRF 17-2012-361
\$ 8,509,000	2013-14	Diabetes Research	DRI Foundation
\$ 149,895	2013-17	Clinical islet transplantation: Data Coordinating Ctr	Univ of Iowa/NIH W000540752
\$ 8,500,000	2014-15	Diabetes Research	DRI Foundation
\$ 9,700,000	2015-16	Diabetes Research	DRI Foundation
\$ 9,100,000	2016-17	Diabetes Research	DRI Foundation
\$ 2,000,000	2016-19	Development of an Extrahepatic site for islet transplant without continuous immunosuppression	JDRF 3-SRA-2017-347-M-B
\$ 8,000,000	2017-18	Diabetes Research	DRI Foundation
\$ 7,500,000	2018-19	Diabetes Research	DRI Foundation
\$ 7,500,000	2019-20	Diabetes Research	DRI Foundation

AS CO-PRINCIPAL INVESTIGATOR

Grants	Years Inclusive	Grant Title	Source
\$ 80,000	1991-94	Mixed xenogeneic chimerism to reverse autoimmune diabetes in diabetic NOD mice and prevent the development of diabetes before onset. (P.I. Suzanne Ildstad, M.D.)	ADA
\$ 20,000	1992-93	Induction of donor specific transplantation tolerance (rat-mouse) for treatment of diabetes. (P.I. Suzanne Ildstad, M.D.)	National Kidney Foundation
\$ 95,544	1991-93	Long term survival of pancreatic islet xenograft in mice tolerant to rat xenografts. (P.I. Suzanne Ildstad, M.D.)	JDFI #1911433, USA
\$ 100,000	1996-98	Definition of the Molecular Targets Recognized by Humans on Discordant Xenogeneic Islets of Langerhans	JDFI #196058, USA

\$ 650,250	1997-02	(P.I. Luca Inverardi, M.D.) Donor Bone Marrow Infusion for Tolerance Induction	NIH NIDDKD 5R01 DK51703
\$ 200,000	1997-99	(P.I. Norma Sue Kenyon, Ph.D.) Cellular and Molecular Mechanisms Leading to Early Graft Loss of Transplanted Islets of Langerhans	JDFI#197027
\$ 200,000	1997-99	Comparison of Kidney-Islet/Kidney-Pancreas Transplant in IDDM	JDFI#197001A
\$4,085,485	1998-03	Costimulation blockade for primate renal tx: Proj 3: Pre-clinical studies for the prevention of islet allograft rejection (P.I. Norma Kenyon, Ph.D.)	NIH 7U19-A143900-04
\$ 640,000	1998-03	Living related donor bone marrow immuno- regulation in kidney tx (P.I. Joshua Miller, MD)	VAH Merit Review #5723.07
\$ 335,000	1999-06	Immune Tolerance Network Islet Subgroup (P.I. James Shapiro, M.D.)	NIH N01 AI-15416
\$ 668,442	2000-03	Immune Tolerance Collaborative Network (P.I. James Shapiro, M.D.)	NIH N01 AI-15416
\$2,562,076	2000-03	Preclinical strategies for tolerance to islet allografts (P.I. Norma Sue Kenyon, Ph.D.)	NIH 5R01 DK55178-03
\$ 875,921	2001-05	The JDFI Gene Therapy Center for the Prevention of Diabetes and Diabetic Complications at the Univ of Florida/Univ of Miami (P.I. Mark Atkinson, M.D./ 2 nd Co-PI Luca Inverardi, M.D.)	JDFI 4-2000-947
\$ 837,000	2001-03	Cell Transplantation Therapy for Diabetes Utilizing Immunoprivileged Sertoli-Islet Cell Aggregates (SICAs) (P.I. Luca Inverardi, MD)	NASA NRA00-HEDS03
\$ 1,419,740	2001-06	Donor Bone Marrow and Transplant T and B Cell Regulation (P.I. Joshua Miller, M.D.)	NIH 5DK25243-21
\$ 75,865	2011-12	Encapsulation of human cell lines	ATRM
\$ 322,177	2011-14	A biodevice for implanting insulin-producing cells in a diabetic patient (Co-Investigator) Converge -	NIH R43 DK09314
\$ 322,383	2012-15	A perfluorocarbon based culture device for beta cell biology application Ophysio	NIH 1R43DK083832-02
\$ 4,874,614	2014-19	Engineering a human physiometric islet microsystem (MPIs: Cherie Stabler, Ashutosh Agarwal and Camillo Ricordi)	NIH 1UC4DK104208-01

EDITORIAL RESPONSIBILITIES:**Editor of the following books:**

Pancreatic Islet Cell Transplantation. 1892-1992: One Century of Transplantation for Diabetes.
R.G. Landes Company, Austin, Texas, 1992.

Methods in Cellular Transplantation, R.G. Landes Company, Austin, Texas, 1992.

CASA RICORDI 1808 – 2008, The Ricordi Foundation for Music and Medicine, Miami, Florida, 2008

Nutrients Special Issue “Diet and Chronic Inflammation: Implication for Disease Prevention, Treatment and Healthy Lifespan”
(Guest Editor), 2019.

Editorial Boards:

Acta Diabetologica Advisory Board

American Journal of Transplantation (Associate Editor 2004-)Graft (Co-Editor-in-Chief)

Annals of the New York Academy of Sciences, The Year in Diabetes and Obesity
 CELLR4 (Editor-in-Chief)
 Cell Transplantation (Co-Founding Editor)
 Chinese Cell and Stem Cell Transplantation
 Current Opinion in Organ Transplantation (Section Editor for Cellular Transplantation section)
 Diabetes (1/1/03-12/31/05)
 Diabetes Management (Associate Editor) (new journal launching in Sept 2010)
 Diabetes Reviews
 Diabetes, Nutrition and Metabolism/Clinical and Experimental
 Journal of Transplantation
 New Developments in Transplantation Medicine
 Nutrients (2019-)
 Pancreas
 Stem Cells Translational Medicine (2011-2013)
 Tissue Engineering (1994-1997)
 Transplant Research and Risk Management
 Transplantation
 Transplantation Proceedings
 Transplantation Science
 World Journal of Transplantation (2016-2019)

Reviewer for the following journals:

Acta Diabetologica
 American Journal of Physiology
 American Journal of Transplantation
 Biotechnology and Bioengineering
 Cell Transplantation
 Clinical Immunotherapeutics
 Clinical Transplantation
 Diabetes, Nutrition & Metabolism
 Diabetic Medicine
 Diabetologia
 Diabetes
 Digestive Diseases and Sciences
 Endocrine Reviews
 FASEB Journal
 Gene Therapy
 Journal of the American Society of Nephrology
 Journal of Clinical Endocrinology & Metabolism
 Journal of Clinical Investigation
 Kidney International
 Lancet
 Liver Transplantation and Surgery
 Nature Medicine New England Journal of Medicine
 Pharmacological Reviews
 Pancreas
 Stem Cells International
 Surgery
 Transplantation
 Transplantation Proceedings
 World Journal of Surgery

Grant Reviewer for the following:

NIH SBIR Study Section (Chair)
 NIH-NCRR General Clinical Research Center Study Section
 NIH/NIAID Immune Tolerance Network (ITN) Network Steering Committee

NIH-NCRR ICR Steering Committee
 NIH-NIDDK/NIAID Clinical Islet Transplantation (CIT) Steering Committee
 NIH National Institute of Biomedical Imaging and Bioengineering Study Section
 JDRF Medical Science Review Committee
 Alberta Heritage Foundation for Medical Research
 Iacocca Foundation
 Swiss National Science Foundation
 Telethon Foundation (Milan, Italy)
 Canada Foundation for Innovation
 Northwest Health Foundation
 California Institute for Regenerative Medicine

PROFESSIONAL AND HONORARY ORGANIZATIONS

International Society for Pancreas and Islet Transplantation
 (Co-Founder; President {1999-2001} and Member of the Steering Committee)
 The Cell Transplant Society (President (1992-94) and current Executive Director)
 The Transplantation Society (Member; Councillor 2002-08; Membership Committee 2006-08)
 American Society of Transplant Surgeons (Member; Chairman of Cell Transplant Committee)
 American Diabetes Association (Member)
 Juvenile Diabetes Research Foundation (Member, Medical Science Review Committee (8/2003-6/2006))
 American Federation of Clinical Research (Member)
 NIDDK's Collaborative Islet Transplant Registry (CITR) Scientific Advisory Committee Member (2001-06)
 UNOS Kidney and Pancreas Transplantation Committee (Member)
 UNOS Pancreas/Islet Subcommittee (Member)
 UNOS Scientific Advisory Board Subcommittee (Member)
 American Medical Association (Member)
 American Association for the Advancement of Science (Member)
 American Heart Association (Board Member)
 Medical Advisory Committee, the Alberta Foundation for Diabetes Research (Member)
 New York Academy of Sciences
 Societa Italiana di Diabetologia
 Who's Who Worldwide
 Who's Who in America
 Who's Who in Medicine and Healthcare
 Who's Who in Science and Engineering
 National Diabetes Research Coalition (Member/Elected Chairman in Nov. 1996)
 National Disease Research Interchange (Member)
 Argentinian Society of Transplantation (Member, Scientific Advisory Committee)
 Acta Diabetologica (International Advisory Board member)
 Marta Russo Associazione Internazionale Ricerca e Trapianto (Member)
 Immunology of Diabetes Society (IDS) (Transplant Group Council Member)
 Insulin-Free World Foundation (Trustee)
 Telethon Foundation (Scientific Committee Member)
 UM Sylvester Comprehensive Cancer Center (Member)
 American Association of Blood Banks (Member, Cellular Therapy Standards Program Unit)
 Genetics Policy Institute (Advisory Board Member)
 JDRF Islet Transplantation Program in Australia (Executive Board Member – 2005-2011)
 Institute for Cellular Therapies (Member, Advisory Board)
 California Institute for Regenerative Medicine (Member, Independent Citizens' Oversight Committee [ICOC]
 and Member, Scientific and Medical Research Funding Working Group)

Boards and Scientific Advisory Boards

Previous

- SAB, Neocrin; Inc.
- SAB, Novartis Pharmaceuticals Co.
- SAB; Becton-Dickinson (BD)
- SAB, Betagenon Inc.

Current

- Chairman of the Board, Mediterranean Institute for Transplantation and Advanced Therapies
- Board, Barilla Center for Food and Nutrition
- SAB, Zone Labs Inc.
- SAB, NXT Nutritionals Holdings, Inc.
- SAB, Bioheart, Inc.
- SAB; Betalogics, Inc. (Johnson & Johnson)
- SAB, Converge Biotech Inc
- SAB, Lifegate Inc.
- SAB, Jotmate Inc.
- SAB, Ophysio Inc
- SAB, Semma Therapeutics

Invited Outside Lectureships

1. Islet xenograft transplantation. Research and Clinical Frontiers in Diabetes: The First Annual International Conference. Omni International, St. Louis, Missouri. November 2 – 4, 1987.
2. Development in Human Islet Isolation and Transplantation. II International Symposium on Transplantation of the Endocrine Pancreas. Vrnjacka Banja, Yugoslavia, October 27, 1988.
3. Islet destruction at onset of insulin dependent diabetes and after islet transplantation. Round Table at the II International Symposium on Transplantation of the Endocrine Pancreas. Vrnjacka Banja, Yugoslavia. October 27, 1988.
4. Developments in islet cell technology. Academy of Science and Arts. Belgrade, Yugoslavia. October 31, 1988.
5. Isolation and transplantation of higher mammalian islets. Klinikum der Justus-Liebig-Universitat Giessen, FRD. December 19, 1988.
6. Trapianto di isole pancreatiche e metodiche di isolamento dal pancreas umano. Scuola di Specializzazione in Endocrinologia e Malattie del Ricambio I, Universita' degli Studi di Milano, April 11, 1989.
7. Fattori epatotrofici e metabolismo epatocellulare dopo anastomosi porta-cava termino-laterale e dopo trapianto eterotopico di epatociti. Scuola di Specializzazione in Endocrinologia e Malattie del Ricambio I, Universita' degli Studi di Milano, April 17, 1989.
8. Il trapianto delle isole di Langerhans nel diabete mellito. Scuola di Specializzazione in Endocrinologia e Malattie del Ricambio dell' Universita' di Padova, April 20, 1989.
9. Trapianto sperimentale di funzioni endocrine: paratiroidi, corticale e midollare surrenaliche. Scuola di Specializzazione in Endocrinologia e Malattie del Ricambio I, Universita' degli Studi di Milano, April 17, 1989.
10. Il trapianto di isole: tecniche di immunomanipolazione in vitro. Workshop su Immunita' e Diabete. Castel Ivano, Trento, Italy. July 6 – 7, 1989.
11. Pancreatic Islet Preservation and Function. 3rd International Symposium on Transplantation of the Endocrine Pancreas. Belgrade, Yugoslavia. October 26, 1989.
12. Future Horizon in Transplantation: Cellular Not Tissue Replacement. Plenary Lecture at the XIII International Congress of the Transplantation Society. San Francisco. August 19-24, 1990.
13. Pancreas Transplant with the Theme Islet Cells Transplantation. The Twenty seventh World Congress of the International College of Surgeons. Sao Paulo, Brasil, September 9-13, 1990.

14. Pancreatic Islet Transplantation: Clinical Trials in Pittsburgh. The Third International Conference on the Use of Human Cells, Tissues and Organs in Research. Washington, DC, September 17-18, 1990.
15. Method Used to Isolate Islets: the Pittsburgh Experience. The Third International Conference on the Use of Human Cells, Tissues and Organs in Research. Washington, DC, September 17-18, 1990.
16. Pancreatic Islet Cell Transplantation. Current Issues in Renal Transplantation for Health Care Professionals. Altona, Pennsylvania, October 18, 1990.
17. Pancreatic Islet Cell Transplantation. Current Issues in Renal Transplantation for Patients and Families. Altona, Pennsylvania, October 18, 1990.
18. Cellular Transplantation in the Future. Diabetes Research Institute at the University of Miami. Miami, Florida, October 22, 1990.
19. Human Islet Transplantation. A state-of-the-art lecture at the 4th International Symposium Transplantation of Endocrine Pancreas. Belgrade, Yugoslavia. October 25-27, 1990.
20. Pancreatic Islet Cell Transplantation. Current Issues in Renal Transplantation for Health Care Professionals. Edinboro, Pennsylvania, November 1, 1990.
21. Pancreatic Islet Cell Transplantation. Current Issues in Renal Transplantation for Patients and Families. Edinboro, Pennsylvania, November 1, 1990.
22. Islet Transplantation in Humans. International Symposium on Islet Transplantation. Madrid, Spain, November 23, 1990.
23. Islet Transplantation as Part of Multivisceral Transplant Program. The University of Chicago, Department of Surgery. Chicago, Illinois, December 7, 1990.
24. Islet Transplantation in Cluster Patients. Artificial Insulin Delivery Systems, Pancreas and Islet Transplantation (AIDSPIT), Study Group of the European Association for the Study of Diabetes (EASD). 10th AIDSPIT meeting. Amsterdam, January 27-29, 1991.
25. Clinical Islet Transplantation. Round table with Dr. C. Groth, Dr. P. Morris, R.V. Rajotte. Artificial Insulin Delivery Systems, Pancreas and Islet Transplantation (AIDSPIT), Study Group of the European Association for the Study of Diabetes (EASD). 10th AIDSPIT meeting. Amsterdam, January 27-29, 1991.
26. Human Islet Transplantation. College of Physicians & Surgeons of Columbia University. Department of Surgery. New York, March 25, 1991.
27. Isolation and transplantation of Langerhans islets in man. Lilly Humulin Prize. Genova, Italy, April 25, 1991.
28. Pancreatic Islet Cell Transplantation. Current Issues in Renal Transplantation. Radisson Hotel, Monroeville, PA, May 2, 1991.
29. Insulin Replacement: Where Is It Going. Contemporary Issues in Renal Transplantation: Frontiers in Transplantation. San Francisco, CA, September 6, 1991.
30. Preliminary experience in 23 consecutive islet transplants: Clinical Reports and Outlook. Third International Symposium on Islet Transplantation. Gubbio, Italy, September 26-29, 1991.
31. Influence of pancreas procurement on islet separation outcome: Pancreas Storage For Islet Separation. Third International Symposium on Islet Transplantation. Gubbio, Italy, September 26-29, 1991.
32. Six year experience with the automated method for islet isolation: Islet Separation and Cryopreservation. Third International Symposium on Islet Transplantation. Gubbio, Italy, September 26-29, 1991.
33. Islet isolation and transplantation in man. Endocrine Grand Rounds, Massachusetts General Hospital, Harvard, October 8, 1991.

34. Isolation of human islets. International Meeting on Human Islet Transplantation. Barcelona, Spain, November 22-23, 1991.
35. Human islet transplantation: an update. International Meeting on Human Islet Transplantation. Barcelona, Spain, November 22-23, 1991.
36. Human islet isolation and transplantation. Department of Anesthesiology and Critical Care Medicine Research Conference. Pittsburgh, PA, January 23, 1992.
37. Transplantation d'îlots de Langerhans et cluster. 11^{ème} Journées Post-Graduées, Clinique De Chirurgie Digestive. Hopital Cantonal Universitaire De Geneve, Switzerland, March 12-13, 1992.
38. Cluster and islet transplantation. Post-Graduate Course of Digestive Surgery (Professor Rohner). Geneva, Switzerland, March 12-13, 1992.
39. Separation and purification of islets from the human pancreas. 92nd Annual Congress of the Japan Surgical Society. Tokyo, Japan, March 25-27, 1992.
40. Islet cell transplantation and gene therapy. Clinical Exchange Hawaii Program. Honolulu, Hawaii, April 3, 1992.
41. Clinical trials of pancreatic islet cell transplantation for the treatment of diabetes. Molecular and Cellular Immunopathology of Organ Transplantation. An American Society of Histocompatibility and Immunogenetics Regional Educational Workshop. Pittsburgh, PA, April 7, 1992.
42. The future of islet cell transplantation: current issues in diabetes research. Juvenile Diabetes Foundation International, The Diabetes Research Foundation, Charlotte Chapter, Charlotte, North Carolina, May 13, 1992.
43. The future of islet cell transplantation. General Surgery Grand Rounds. Pittsburgh, PA, May 16, 1992.
44. Cellular transplantation and gene therapy. Third ASTS Postgraduate Course "Immunosuppression and Highlights in Transplantation." American Society of Transplant Surgeons. Chicago, Illinois, May 29-30, 1992.
45. Trapianto di isole: stato dell'arte e prospettive future. IV Convegno Castel Ivano Diabete. Castel Ivano (Trento), Italy, July 1-3, 1992.
46. Transplantation and Transplantation Related Issues. ESRD Network 4 Coordinating Council Meeting. Philadelphia, PA, October 1, 1992.
47. Optimization of pancreatic islet isolation. Euromedicine 92. Montpellier, France, November 11-13, 1992.
48. Pancreatic Islet Cell Transplantation. Division of Gastroenterology & Hepatology Research Conference, University of Pittsburgh Medical Center, Pittsburgh, PA October 15, 1992.
49. Opportunities of Islet Cell Transplantation and Current Status of the Science, NDOC, Indianapolis, IN, August 5, 1992.
50. Intrapancreatic Islet Transplantation as a potential solution to chronic failure of intraportal islet grafts. XIVth International Congress of the Transplantation Society. Paris, France, August 23-28, 1992.
51. Cellular Transplantation and Gene Therapy. West Virginia University Health Sciences Center Seminar, Morgantown, West Virginia, December 3, 1992.
52. Clinical results of islet & liver and islet & kidney transplantation. First International Symposium on Issues in Human Islet Transplantation, UCLA School of Medicine/Diabetes Research Center, Los Angeles, CA 90024-7036, January 8-9, 1993.
53. Mixed xenogeneic chimerism (mouse+rat-mouse) to induce tolerance to simultaneous or sequential islet xenografts. Tolerance Induction Symposium, Beaver Run Resort and Conference Center, Breckenridge, Colorado, January 17-20, 1993.

54. Cellular Transplantation and Gene Therapy, Immunosuppressive Drug Development and Transplantation Science, Food and Drug Administration, Bethesda Maryland, January 15, 1993.
55. Pancreatic Islet Cell Transplantation, Grand Rounds, Latrobe Area Hospital, Westmoreland, PA, January 27, 1993.
56. Insulin Independence Following Human Islet Allograft Transplantation: Curiosity or Milestone?, Longwood Area Diabetes/Metabolism Research Seminar, Joslin Diabetes Center, Boston, MA, March 4, 1993.
57. Cellular Transplantation, Transplant Lecture Series, University of Pittsburgh Medical School, Pittsburgh, PA, March 12, 1993.
58. 14th International Congress on Pancreas and Islet Transplantation, Amsterdam, The Netherlands, June 27-30, 1993.
59. Clinical Trials of Islet Transplantation in the 90's: Milestone or curiosity? Plenary Lecture, American Diabetes Association, Pancreatic and Islet Transplantation Successes and Failures circa 1993, Las Vegas, Nevada, June 12-15, 1993.
60. Brittle Diabetes Should be Treated by Pancreatic Islet Transplantation, Ashland Endocrine Conference, Ashland, Oregon, August 1993.
61. Bone Marrow Induced Transplantation Tolerance, Istituto H. San Raffaele, Milan, Italy, Sept. 16, 1993.
62. Cellular Transplantation – Present and Future, Università Degli Studi di Bari, Cattedra di Urologia “R”, Divisione di Nefrologia Chirurgica e Trapianto di Rene, Bari, Italy, Sept. 17, 1993.
63. Xenotransplantation of Hematopoietic Cells from a Species Resistant to HIV as a Potential Treatment for AIDS, Cambridge 2nd International Congress on Xenotransplantation, Cambridge, England, September 29, 1993.
64. Cellular Transplantation – Consequences for Medicine, 79th Clinical Congress of the American College of Surgeons, San Francisco, California, October 12, 1993.
65. Cell Transplantation: Pancreatic Islets, Annual Scientific Committee Meeting, Libero Istituto Universitario Campus Bio-Medico, Rome, Italy, October 14 – 15, 1993
66. Cellular Transplantation in the 90's. GIBCO/BRO Cell Culture Research and Development, Grand Island, NY November 22-23, 1993.
67. Islet Transplantation for the Treatment of Diabetes, IBBB “Insulin Dependent Diabetes” Conference, Biscayne Bay Marriott Hotel, Miami, FL January 31 – February 1, 1994.
68. “Il trapianto di isole pancreatiche: indicazioni e risultati”, Convegno Internazionale – Trapianti d’organo: Stato dell’arte. Bologna, Italy, March 23, 1994.
69. Islet Transplantation: The Ultimate Intensive Treatment of Diabetes, International Conference on Diabetes in the Twenty-first Century, Naples, Florida, March 25-26, 1994.
70. Clinical Trials of Transplantation: Status and Future Challenges. National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, Maryland. April 5-6, 1994.
71. Presidential Address, Second International Congress of The Cell Transplant Society, Minneapolis, Minnesota, May 1-4, 1994.
72. Perspectives of pancreas transplantation: Islet cell transplantation? Annual Meeting of the German Society of Gastroenterology, Ulm, Germany, September 14-17, 1994.
73. Islet Transplantation: Toward the 21st Century. Carrousel of Hope Symposium, Los Angeles, California, October 28, 1994.
74. Hematopoietic Cell Transplants for Tolerance Induction. Cell Transplantation Symposium, Miami, Florida., February 2-4, 1995.

75. Current Clinical Approaches to Promoting Transplant Tolerance. *National Institute of Allergy and Infectious Diseases - Expert Panel on Immunologic Interventions for Promoting Transplant Tolerance; State of the Art and Future Directions.* – Bethesda, MD, February 8-10th, 1995.
76. Islet Transplantation. *Diabetes: Advances in Understanding and Treatment.* London, UK, April 27-28, 1995.
77. Transplantation of bone marrow cells from a species resistant to HIV as a potential treatment for patients with AIDS. Institute of Medicine, National Academy of Science, Xenograft Transplantation Workshop, June 25-27, 1995, Washington DC.
78. “Stato dell’arte delle tecnologie del trapianto di insulae”, Opening Plenary Lecture, X Congresso Nazionale AMD. Italy, 1995.
79. “Non-Modification”, Institute of Medicine, Workshop on Xenograft Transplantation: Science, Ethics, and Public Policy. Bethesda, MD June 25-27, 1995.
80. “Evolution & Clinical Status of Human Islet Transplantation” 11th Annual William & Barbara Ficker Retreat. Sponsored by University of California at Irvine, Big Bear Lake, CA, December 2-3, 1995
81. “Transplantation Without Immunosuppression: Future or Fantasy” Dept. of Microbiology and Immunology Seminar, Temple University School of Medicine, Philadelphia, PA, December 4, 1995.
82. “Bone Marrow Transplantation for Tolerance Induction: From Rodents to Humans” Miami Biotechnology Winter Symposia, Ft. Lauderdale, FL, February 12, 1996.
83. “Islet Isolation”, University of Washington Medical Center, Diabetes Research Group, Seattle, WA, February 15, 1996.
84. “Bone Marrow Transplantation”, Western Association of Transplant Surgeons and Pacific Northwest Transplant Society, University of Washington Medical Center, Seattle, WA, February 16, 1996.
85. “Human Islet Transplantation”, Sixth Milano International Meeting on Diabetes, Milan, Italy, March 21-23, 1996.
86. “Transplantation Without Immunosuppression: Future or Fantasy”, American Society for Neural Transplantation, Clearwater, FL, April 26, 1996.
87. “High-Dose Human Donor Bone Marrow Infusions to Enhance Allograft Survival”, American Society of Transplant Physicians, Dallas, Texas, May 29, 1996.
88. “Human Islet Allograft Transplantation in Type 2 Diabetes”, American Society of Transplant Surgeons, Dallas, Texas, May 30, 1996.
89. “Donor Bone Marrow Infusion to Enhance Allograft Survival”, University of Illinois at Chicago College of Medicine, Grand Rounds, Chicago, Illinois, June 5, 1996.
90. “High Dose Donor Bone Marrow Infusions to Promote the Acceptance of Human Islet Allografts”, International Symposium on Endocrine Cell Transplantation and Genetic Engineering, Justus-Liebig Universitat, Giessen, Germany, June 19, 1996.
91. “Islet Transplantation: New Perspectives for an Old Challenge”, 7th Annual Transplantation Symposium, Univ. of Miami School of Medicine, Dept. of Surgery, Miami, FL, July 11, 1996.
92. “High Dose Human Bone Marrow Infusions to Enhance Allograft Survival”, XVI International Congress of the Transplantation Society, Barcelona, Spain, August 27, 1996.
93. “Human Islet Allograft Transplantation in Type 2 Diabetes”, XVI International Congress of the Transplantation Society, Barcelona, Spain, August 29, 1996.
94. “Human Islet Transplantation: New Perspective for an Old Challenge”, Surgery Grand Rounds, University of Tennessee, Memphis, TN, Sept. 18, 1996.

95. "Liver-islet transplantation in Type 2 diabetes", Third International Congress of the Cell Transplant Society, Miami Beach, FL, Oct. 2, 1996.
96. "Islet Transplantation Without Immunosuppression: Future or Fantasy", Grand Rounds at University of Massachusetts Medical Center, Dept. of Endocrinology & Metabolism, Worcester, MA, October 22, 1996.
97. "Pancreas Islet Transplantation", National Kidney Foundation 46th Annual Meeting, New Orleans, LA, Nov. 2, 1996.
98. "Islet Cell Transplantation", American Diabetes Association's 6th Annual Turnberry Conference on Diabetes Mellitus, Aventura, FL, Nov. 8, 1996.
99. "Factors Affecting Islet Engraftment and Tolerance", Second Congress of the Immunology of Diabetes Society, Canberra, Australia, Dec. 11, 1996.
100. "Bone Marrow Cell Infusion and Tolerance", 4th International Conference on Tolerance Induction, Breckenridge, CO, Jan. 22, 1997.
101. "Islet Transplantation Without Immunosuppression: Future or Fantasy?", JDFI Fourth World Conference on Diabetes, Athens, Greece, March 19, 1997.
102. "High Dose Donor Bone Marrow Infusions to Enhance Allograft Survival; The Effect of Timing", Vanderbilt University Medical Center/Transplant Center, Nashville, Tennessee, May 9, 1997.
103. "Donor Bone Marrow Augmentation and Islet Transplantation", 16th Annual Meeting of the American Society of Transplant Physicians (ASTP), Chicago, Illinois, May 13, 1997.
104. "Donor Bone Marrow Infusions for Tolerance Induction: Future or Fantasy?", Weizmann Institute of Science, Rehovot, Israel; The Hebrew University-Hadassah Medical School, Ein Keren, Jerusalem, Israel; and Technion-Rambam School of Medicine, Haifa, Israel, June 1997.
105. "Infusioni di midollo osseo nei trapianti d'organo per l'induzione di tolleranza. Risultati nei trapianti da donatore cadavere e da vivente consanguineo." Università Degli Studi di Roma "Tor Vergata", Rome, Italy, June 26, 1997.
106. "Chimerismo e tolleranza. Attualità e prospettive con particolare riferimento al trapianto di insule pancreatiche." Libero Istituto Universitario Campus Bio-Medico, Rome, Italy, June 27, 1997.
107. "Islet Transplantation Without Recipient Immunosuppression", 16th International Diabetes Federation Congress, Helsinki, Finland, July 24, 1997.
108. "Bone marrow and solid organ transplantation to induce chimerism", 6th Congress of the International Pancreas and Islet Transplant Association, Milan, Italy, Sept. 24, 1997.
109. "Early loss of islet function following transplantation", 6th Congress of the International Pancreas and Islet Transplant Association, Milan, Italy, Sept. 25, 1997.
110. "Transplantation of Langerhans islets", Symposium on Experimental & Clinical Pathophysiology, Polish Academy of Sciences and Medical Research Centre, Warsaw, Poland, Oct. 14, 1997.
111. "Cellular Transplantation", Speaker at Inauguration of academic year of Libero Istituto Universitario Campus Bio Medico, Rome, Italy, Oct. 15, 1997.
112. "Clinical Experience with Immunomodulation and Diabetes Mellitus Modulation of Islet Cell Engraftment Using Stem Cell Transplant", The Worcester Translational Research Conference: Bone Marrow Transplantation for the Treatment of Autoimmune Disease, Worcester, MA, November 15, 1997.
113. "Cellular Grafts", The International Congress on Immunosuppression, Orlando, FL, December 13, 1997.
114. "Phase I Trial Design for Allografts", Islet Advisory Panel Meeting for Biogen, Cambridge, MA, January 8, 1998.

115. "Bone Marrow Infusions for Tolerance Induction", Lecturer and Visiting Professor at Temple University School of Medicine, Philadelphia, PA, April 14, 1998.
116. "Status of Clinical Islet Transplantation", Speaker at the National Disease Research Interchange Scientific Conference, Frontiers in Human Tissue Research: Moving into the 21st Century, Philadelphia, PA, April 15, 1998.
117. "Collagenase comparison – crude vs purified" and "Automated method – The last ten years", Lecturer and Chairperson at 1st Workshop on Clinical Islet Transplantation. Workshop Topic: Human Islet Preparation, New Orleans, LA April 18-19, 1998.
118. "Islets", Lecturer at American Society of Transplant Physicians 17th Annual meeting, Chicago, IL, May 12, 1998.
119. "The importance of research in the progress of transplantation", Speaker at Istituto di Ricerche Farmacologiche Mario Negri, Project for Transplantation Research Conference, Bergamo, Italy, June 2, 1998.
120. "Allo Islet Cell Transplantation – Does it Work?", Speaker at the American Diabetes Association 58th Scientific Sessions, Chicago, IL June 14, 1998.
121. "Clinical Islet Transplantation: Report from the Registry", Speaker at the XVII World Congress of the Transplantation Society, Montreal, Quebec, Canada, July 17, 1998.
122. "Trapianto di isole pancreatiche: stato dell'arte", Speaker (videoconference) at the XXII National Congress of the Italian Association for the Study of the Pancreas, Pescara, Italy, Oct. 2, 1998.
123. "Islet Transplantation for Diabetes", Speaker at 100th Anniversary Symposium of the Joslin Diabetes Center—Diabetes Mellitus: From Patients to Genes and Back, Boston, MA, Oct. 22, 1998.
124. "Il Trapianto di Isole Pancreatiche", Speaker at the Italian Diabetes Association Congress, Villa Erba, Italy, Oct. 24, 1998.
125. "Islet Cell Transplantation", Speaker at BetaGene, Dallas, Texas, December 15, 1998.
126. "Islet Transplantation", Speaker at the University of California, San Diego, CA, February 25, 1999.
127. "Human islet cell transplantation: Technical aspects and strategies for tolerance induction", Plenary Lecturer at Fourth International Congress of the Cell Transplant Society, Montreux, Switzerland, March 22, 1999.
128. "High-dose donor bone marrow infusions to enhance liver allograft survival", Speaker at Fourth International Congress of the Cell Transplant Society, Montreux, Switzerland, March 22, 1999.
129. "Long-term survival of islet allografts in rhesus monkeys treated with humanized anti-CD154 (HU5C8)", Speaker at Fourth International Congress of the Cell Transplant Society, Montreux, Switzerland, March 22, 1999.
130. "Functional assessment of isolated islets from two non-human primate species, Rhesus and Cynomolgus", Speaker at Fourth International Congress of the Cell Transplant Society, Montreux, Switzerland, March 22, 1999.
131. "Islet transplantation: the elusive cure", Speaker at International Meeting – New Frontiers in Transplantation of Cells and Tissue, Ferrara, Italy, March 26, 1999.
132. "Four-year follow up of high-dose donor bone marrow infusions to enhance allograft survival", Speaker at American Society of Transplant Surgeons, Chicago, IL, May 20, 1999.
133. "New perspectives in clinical islet transplantation", Speaker at University of Florida, Gainesville, FL, May 24, 1999.
134. "Challenges in islet transplantation", Speaker at University of Maryland Institute of Transplantation, Immunobiology and Transplant Biogology Research Conference, Baltimore, MD, July 9, 1999.
135. "Clinical factors in human islet allotransplantation", Speaker at 7th World Congress of the International Pancreas & Islet Transplant Association (IPITA), Sydney, Australia, August 24, 1999.

136. "Phase One: Islet trials in humans", Speaker at seminar sponsored by The Insulin-Free World Foundation, St. Louis, MO, September 25, 1999.
137. "The dawn of a new era: success with islet transplantation in monkeys", Speaker at seminar sponsored by The Insulin-Free World Foundation, St. Louis, MO, September 25, 1999.
138. "Factors favoring islet transplantation", Speaker at World of Hope Conference, sponsored by the Diabetes Research Institute Foundation, Miami, FL, October 17, 1999.
139. "Islet transplantation: New perspectives and old challenges", Speaker at Columbia Presbyterian Hospital, New York, Nov. 2, 1999.
140. "The need for human tissue in pancreas and islet cell transplantation research clinical trials", Speaker at National Diabetes Research Interchange (NDRI) meeting, Philadelphia, PA, Nov. 4, 1999.
141. "Use of bone marrow stem cells in solid organ transplantation", Speaker at American Red Cross Board meeting, Rosslyn, Virginia, Nov. 19, 1999.
142. "New strategies in clinical islet cell transplantation", Speaker at Symposium on New Concepts in Pathology and Treatment of Autoimmune Disorders, Berlin, Germany, Dec. 3, 1999.
143. "New immunological perspectives in organ transplantation at the turn of the 117illeennium", Bari, Italy, Dec. 4, 1999.
144. "Advances in pancreatic islet transplantation", Speaker at University of Texas Transplantation Conference, Houston, TX, Feb. 21, 2000.
145. "Human islet transplantation: Cure or curiosity?" Speaker at the Nazih Zuhdi Transplantation Institute, Oklahoma City, OK, Feb. 22, 2000.
146. "New strategies in clinical islet cell transplantation", Speaker at Stanford University, Palo Alto, CA, March 9, 2000.
147. "Rationale for islet cell transplantation as an alternative to whole organ pancreas transplants, Presenter at FDA Biological Response Modifiers Advisory Committee meeting, Bethesda, MD, March 20, 2000.
148. "Donor bone marrow infusion to enhance allograft survival", Speaker at Yale University School of Medicine, New Haven, CT, May 25, 2000.
149. "Clinical islet transplantation: New perspective for an old challenge", Speaker at Yale University School of Medicine, New Haven, CT, May 26, 2000.
150. "Human Islet Allograft Transplantation: From the Pittsburgh to the Edmonton Trials", Speaker at the University of Pittsburgh, PA, August 14, 2000.
151. "Challenges towards standardization of islet separation technology", Speaker at the XVIII International Congress of the Transplantation Society, Rome, Italy, August 28, 2000.
152. "Islet Transplantation", Speaker at the International Congress on Bionics for Human Beings in the Third Millenium", Rome (L'Aquila), Italy, September 5, 2000.
153. "Islet Transplantation", Speaker at the 17th International Diabetes Federation Congress, Mexico City, Mexico, November 10, 2000.
154. "Transplant of insulin-producing cells and organ engineering for the treatment of diabetes", Speaker at The University of Costa Rica, San Jose, Costa Rica, February 16, 2001.
155. "Diabetes Mellitus", Speaker at the Costa Rica College of Medicine and Surgery, San Jose, Costa Rica, February 16, 2001.

156. "Islet Cell Transplantation for Type I Diabetes", Speaker at Diabetes Health Expo sponsored by the Diabetes Research and Wellness Foundation, Miami Beach, FL, March 17, 2001.
157. "Islet Versus Whole Pancreas Transplantation" and "Maximizing Use of Pancreata for Whole Organ and Islet Cell Transplantation", Speaker at Conference on Maximizing Use of Organs Recovered from the Cadaver Donor, Crystal City, Arlington, Virginia, March 28 and 29, 2001.
158. "Human islet cell transplantation: From the Pittsburgh to the Edmonton trial , and beyond. Speaker at Festschrift honoring Thomas E. Starzl, M.D., Ph.D., University of Pittsburgh, PA, April 28, 2001.
159. "Islet transplantation: From the Pittsburgh to the Edmonton trial and beyond", Speaker at Update in Islet Cell Transplantation Symposium, University of Illinois, Chicago, IL, May 16, 2001.
160. "Presidential Address" at International Pancreas and Islet Transplant Association (IPITA) meeting, Innsbruck, Austria, June 14, 2001.
161. "New progress in islet transplantation", Speaker at 1st International Symposium on Sirolimus, Vienna, Austria, June 21, 2001.
162. "Cellular transplantation for treatment of diabetes: From adult insulin-producing cells to stem cells", Speaker at the Mediterranean Institute of Transplantation and Advanced Therapies, Palermo, Italy, June 23, 2001.
163. "Cellular transplantation for treatment of diabetes: From adult insulin-producing cells to stem cells", Grand Rounds at the University of Alberta, Canada, June 28, 2001.
164. "Islet Cell Transplantation", Speaker at Fairfax Hospital, Falls Church, Virginia, July 18, 2001.
165. "Cellular therapies in diabetes: From adult islets and immunosuppression to stem cells and tolerance", Speaker at Medical/Surgical Grand Rounds at Ohio State University, Columbus, Ohio, July 19, 2001.
166. "Miami protocols for human islet transplantation", Speaker at the 10th Anniversary meeting of the Cell Transplant Society, Keystone, Colorado, Oct. 16, 2001.
167. "Islet cell transplantation: The total picture", Speaker at the Diabetes Research Institute Foundation's 2nd annual New York Research Update – Finding a Cure: A Year of Progress in the World of Diabetes, New York City, NY, October 27, 2001.
168. "Human islet transplantation – The Miami protocols", Speaker at Islet Transplantation 2001 and Beyond Research and Clinical Conference, Rancho Mirage, CA, November 29, 2001.
169. "Islet Transplantation", Speaker at dinner seminar, Johns Hopkins University, Baltimore, Maryland, Dec. 4, 2001.
170. "Beta Cell Transplant Update", Speaker at the Endocrine Club of Miami Dade County and Dade County Medical Association Medical Continuing Medical Education Program, Coral Gables, FL, January 30, 2002.
171. "Cellular therapies in diabetes: From adult islets and immunosuppression to stem cells and tolerance", Speaker (Pfizer Visiting Professor) at Baylor College of Medicine, Houston, TX, March 6, 2002.
172. "State of the Art Islet Preparation Facility," Video presentation at American Transplant Congress, Symposium on Preparation of Islets for Transplantation, Washington, D.C., April 29, 2002.
173. "Towards making every pancreas count: Significant improvement in human islet isolation from marginal (older) donors following addition of oxygenated perfluorocarbon to the cold storage solution," Oral presentation at the American Transplant Congress, Washington, D.C., April 29, 2002.
174. "Long term skin allograft survival following donor specific chimerism induction with a novel targeted bone marrow radioablation and co-stimulatory blockade," Oral presentation at the American Transplant Congress, Washington, D.C., April 29, 2002.

175. "Cellular transplantation for diabetes – human cells, pig cells or stem cells?" Carl-Gustav Groth lecture at Karolinska Institute, Stockholm, Sweden, May 16, 2002.
176. "Transplantation of insulin-producing cells for treatment of diabetes," Lectured at the Kuwait Foundation for the Advancement of Science and the National Technology Center, Kuwait, May 20, 2002.
177. "Islet isolation and transplantation: From multiple to single donors and beyond," Speaker at AST Symposium on Improving Human Life by Advancing the Field of Transplantation, at the 62nd Scientific Sessions of the American Diabetes Association, San Francisco, CA, June 14, 2002.
178. "Islet transplantation: A brave new world," Presented Lilly Lecture at the 62nd Scientific Sessions of the American Diabetes Association, San Francisco, CA, June 17, 2002.
179. "Towards making every pancreas count: The UM/DRI experience," Presentation at NDRI Pancreas meeting, Chicago, July 17, 2002.
180. "Islet Cell Transplantation Update," Lecture at Nazih Zudhi Transplantation Institute, Oklahoma City, July 18, 2002.
181. "A new era for human islet transplantation," Plenary talk at the XIX International Congress of The Transplantation Society, Miami, FL, Aug. 27, 2002.
182. "High level stable hemolymphopoietic chimerism and long term islet allograft survival following novel targeted bone marrow radioablation, bone marrow transplantation and co-stimulatory blockade," Oral presentation at the XIX International Congress of The Transplantation Society, Miami, FL, Aug. 27, 2002.
183. "Successful human islet transplantation from marginal donors," Oral presentation at the XIX International Congress of The Transplantation Society, Miami, FL, Aug. 27, 2002.
184. "Will stem cell derived beta cells be the cure?" Oral presentation at 3rd World Congress on Prevention of Diabetes and its Complications, Hong Kong, September 29, 2002.
185. "New strategies to arrest ongoing beta cell destruction by immune intervention: Insight from pilot studies." Oral presentation at 3rd World Congress on Prevention of Diabetes and its Complications, Hong Kong, September 30, 2002.
186. "New perspectives for human islet transplantation in treatment of Type 1 and Type 2 diabetes." Oral presentation at the National University of Singapore, October 1, 2002.
187. "Islet transplantation and the future" Speaker at Diabetes Research Institute Foundation's Pathway to a Cure Conference, New York City, NY, October 26, 2002.
188. "A new era in islet cell transplantation," Grand Rounds at University of North Carolina, Nov. 6, 2002.
189. "From Tolerance to human islets to pig islets and stem cells: Future challenges in beta cell replacement." Speaker at University of North Carolina Transplant Center, Nov. 6, 2002.
190. "Islet Cell Transplantation," Speaker at Yale University's Preventing and Treating Diabetes Mellitus: Looking into the Future Conference, New Haven, CT, Nov. 8, 2002.
191. "Pancreatic Transplantation," Speaker at Clinical Diabetes and Endocrinology 2003 Conference, Snowmass, Colorado, January 19, 2003.
192. "Islet Transplantation", Speaker at Clinical Diabetes and Endocrinology 2003 Conference, Snowmass, Colorado, January 20, 2003.
193. "Challenges in Human Islet Transplantation", Speaker at NIH/NIDDK Endocrine Grand Rounds, Bethesda, MD, February 14, 2003.

194. "Human islet isolation and transplantation training: Minimal requirements to minimize the risk for technical failure," Speaker at 6th International Congress of the Cell Transplant Society, Atlanta, GA, March 3, 2003.
195. "Cellular transplantation in diabetes: A brave new world," Speaker at 2003 Fellows' Conference: Advances in Organ Transplantation, Irving, Texas, March 15, 2003.
196. "World experience on islet cell transplantation," Speaker at Sao Paulo Congress on Endocrinology and Metabology, Sao Paulo, Brazil, May 2, 2003.
197. "Islet cell transplantation updated," Speaker Sao Paulo Congress on Endocrinology and Metabology, Sao Paulo, Brazil, May 2, 2003.
198. "Clinical Islet transplantation," Speaker at Joslin Diabetes Center 2003 Symposium, Boston, MA, May 6, 2003.
199. "Selective inhibition of Cox-2 results in improved islet graft function," Speaker at American Transplant Congress, Washington, D.C., June 1, 2003.
200. "Islet Transplantation," Speaker at Endocrine Fellows Forum at American Diabetes Association meeting, New Orleans, LA, June 12, 2003.
201. "Integration of donor allocation for islet cell and pancreas transplantation," Speaker at 9th Congress of the International Pancreas & Islet Transplant Association (IPITA), Dublin, Ireland, July 9, 2003.
202. "Setting up a clinical islet programme," Speaker at 9th Congress of the International Pancreas & Islet Transplant Association (IPITA), Dublin, Ireland, July 9, 2003.
203. "Overview of clinical trials," Speaker at 9th Congress of the International Pancreas & Islet Transplant Association (IPITA), Dublin, Ireland, July 10, 2003.
204. "Pathology of islet transplantation," Speaker at 9th Congress of the International Pancreas & Islet Transplant Association (IPITA), Dublin, Ireland, July 10, 2003.
205. "New opportunities and challenges in islet transplantation," Speaker at Lifelink (Tampa, FL) Shands Hospital at University of Florida (Gainesville), and Florida Hospital (Orlando, FL), Sept. 24-26, 2003.
206. "Cell-based therapies for diabetes," Speaker at Karolinska Diabetes Center Symposium on Diabetes and Metabolism, Stockholm, Sweden, Oct. 4, 2003.
207. "Trapianto di insule pancreatiche: stato dell'arte" ("Pancreatic islet transplantation: state of the art"), Speaker at University of Torino, Italy, Oct. 6, 2003.
208. "Islet cell transplantation," Speaker at The Endocrine Society's Clinical Endocrinology Update: 2003, Miami Beach, FL, Oct. 24, 2003.
209. "Islet transplantation: From research to reality," Speaker at the Diabetes Research Institute Foundation's New York Research Update, New York, NY Oct. 25, 2003.
210. "Islet transplantation," Speaker at the American Society for Histocompatibility and Immunogenetics (ASHI), Miami Beach, FL, Oct. 31, 2003.
211. "Islet transplantation: Lessons from the first 300 cases," Eli Lilly Visiting Professor, Indianapolis, IN, Nov. 5, 2003.
212. "Novel approaches to the management of diabetes," Symposium at the Mediterranean Institute for Transplantation and Advanced Therapies (ISMETT), Palermo, Italy, March 28, 2004.
213. "Current status of islet cell transplants: Where we are, where we are going," Joint meeting of the American Association of Clinical Endocrinologists & Russian Endocrinology Association, Moscow, Russia, May 25, 2004.

214. "Therapeutic cloning to cure diabetes: The future of islet transplantation," United Nations Science Conference, New York, NY, June 2, 2004.
215. "Cell therapies and tissue engineering," XX International Congress of the Transplantation Society, Vienna, Austria, Sept 6, 2004.
216. "Islet cell transplantation," Invited speaker at University Federico II, Naples, Italy, Sept 7, 2004.
217. "Progress in islet transplantation and the role of regional processing centers for cost-effective distribution of islet cell products," JDRF Italia International Congress, Rome, Italy, Sept 11, 2004.
218. "Towards islet center networks with a centralized islet production facility," Invited speaker at 3rd International Islet Isolation Workshop/Network of Islet Centers in Europe (NICE), Milan, Italy, Oct. 11, 2004.
219. "Finding a cure: A sequential integrated approach," DRIF's 5th Annual Research Update, New York City, NY, Oct. 23, 2004.
220. "Where are we with cellular therapies in diabetes and the challenge of an adequate source of insulin-producing cells?" Columbia University and Naomi Berrie Diabetes Center Frontiers in Diabetes Research Trends Conference. Trends in Stem Cell Research: Focus on Diabetes, New York City, NY, Nov 6, 2004.
221. "A sequential, integrated approach for success in clinical islet transplantation." NDRI's conference: Islet Cell Transplant, Prelude to the Future, in honor of Paul Lacy in his 80th year, Philadelphia, PA, Dec 2, 2004.
222. "Islet cell transplantation: From an idea to successful treatment of patients with diabetes." Speaker at Mercy Hospital, Miami, FL, April 6, 2005.
223. "What's hot, what's new? Islets." Speaker at 10th World Congress of IPITA (International Pancreas and Islet Transplant Association), Geneva, Switzerland, May 5, 2005.
224. "Paul Lacy Memorial Lecture." Presented at the 10th World Congress of IPITA (International Pancreas and Islet Transplant Association), Geneva, Switzerland, May 6, 2005.
225. "Realtà e speranze per la cura del diabete." Speaker at San Raffaele Institute, Milan, Italy, May 7, 2005.
226. "Islet Replacement Therapy." Speaker at Discovery Institute of Medical Education's satellite symposium at the American Diabetes Association's Scientific Sessions, San Diego, CA, June 10, 2005.
227. "Diabetes Research Update." Speaker at Friends for Life/National Children with Diabetes Conference, Orlando, FL, July 7, 2005.
228. "Overcoming the challenges now limiting islet transplantation: A sequential, integrated approach." Speaker at 8th Meeting of the Immunology of Diabetes Society Congress, Osaka, Japan, Oct. 9, 2005.
229. "University of Miami: Meeting the translational research challenge, from vision to clinical applications." Speaker at Miami Nature Biotechnology Winter Symposia, Miami Beach, FL Feb. 5, 2006.
230. "University of Miami: Meeting the translational research challenge, from vision to clinical applications." Speaker at BioFlorida's 8th Annual Conference, West Palm Beach, FL Feb. 22, 2006.
231. "Miami initiatives for improving islet transplantation." Speaker at Keystone Symposium-Pancreatic Islets: From Development to Transplantation. Taos, New Mexico, Feb. 26, 2006.
232. "International partnership to fast-track the progress of cellular therapies from vision to clinical application." University of Rome Tor Vergata's Invited Speaker at Campidoglio, Rome, Italy, March 18, 2006.
233. "Challenges and opportunities in cellular therapies for diabetes." Speaker at Ist International Conference on Diabetes Cell Therapy, Tel-Aviv, Israel, March 20, 2006.

234. "Diabetes Research Update." Speaker at JDRFCapitol Chapter, Potomac, MD, April 4, 2006.
235. "A sequential, integrated approach for success in stem cell therapies: lessons from islet cell transplants." Speaker at New Insights and Perspectives in Stem Cell Research Congress, Pavia, Italy, May 16, 2006.
236. "Future trends in islet transplantation." Speaker at 8th International Congress of the Cell Transplant Society, Milan, Italy, May 19, 2006.
237. "Islet transplantation (experience in Miami)." Speaker at 3rd San Raffaele Transplantation Meeting, Milan, Italy, May 20, 2006.
238. "Sequential cold-warm pancreatic perfusion to optimize the digestion phase in human islet isolation." Oral abstract presentation at 8th International Congress of the Cell Transplant Society, Milan, Italy, May 20, 2006.
239. "Trapianto di isole pancreatiche." Speaker at Associazione Insieme per il Diabete Conference, Palermo, Italy, May 22, 2006.
240. "Evidence for ductal cell to beta-cell transdifferentiation and proliferation in the transplanted pancreas of patients with Type 1 diabetes and recurrence of islet autoimmunity." Oral abstract at ADA 66th Scientific Sessions, Washington, D.C., June 10, 2006.
241. "Islet transplant trials." Speaker at ADA 66th Scientific Sessions, Washington, D.C., June 11, 2006.
242. "The impact of mycophenolate mofetil on long-term outcomes in transplantation." Speaker at Chinese Dialysis and Transplant Association Congress (Roche Satellite Meeting), Shanghai, China, July 7, 2006.
243. "Progress, challenges and future trends in islet transplantation for treatment of diabetes." Speaker at Chinese Dialysis and Transplant Association Congress, Shanghai, China, July 8, 2006.
244. "Factors affecting islet quality and pre-transplant potency testing." Speaker at World Transplant Congress, Boston, MA, July 25, 2006.
245. "Il trapianto di insuli pancreatiche." Speaker at Convegno – Il diabete e la sindrome metabolica: Passato, presente e futuro, Rome, Italy, Oct. 21, 2006.
246. "Diabetes Research Institute Update" Speaker at Children with Diabetes Focus on Best Practices conference, Marco Island, FL, January 6, 2007.
247. "Islet transplantation: From the Pittsburgh trial to the Edmonton protocol and beyond," Presented Transplantation Grand Rounds at University of Pittsburgh's Department of Surgery, Division of Transplantation, Pittsburgh, PA, March 23, 2007.
248. "Islet cell transplantation" Speaker at Case Western University's Transplantation Update, Cleveland, OH, April 13, 2007.
249. "Strategies to improve islet transplant outcomes." Speaker at Amylin Pharmaceuticals, San Diego, CA, May 3, 2007.
250. "Manufacturing and assessment of islet cell products: Can we predict post-transplant potency?" Speaker at the American Transplant Congress, San Francisco, CA, May 7, 2007.
251. "Stem cells and disease: Diabetes (Scientist's Perspective)." Speaker at the Stem Cell Summit, Boston, Massachusetts, October 2, 2007.
252. "Islet cell transplantation for treatment of diabetes mellitus" Grand Rounds at Drexel College of Medicine, Philadelphia, PA, October 5, 2007.
253. "Future trends in islet cell transplantation for treatment of diabetes." 8th Annual D. Walter Cohen Lectureship in Diabetes, Drexel College of Medicine, Philadelphia, PA, October 5, 2007.

254. "Ostacoli e prospettive nella ricerca per la cura del diabete di tipo 1." Speaker at JDRF Italia 2nd International Congress, Milan, Italy, October 13, 2007.
255. "What do we really know about the history of diabetes post-transplantation?" Speaker at the 9th International Congress of the Immunology of Diabetes Society and American Diabetes Association, Miami Beach, FL, Nov 18, 2007.
256. "Last advances in therapeutical strategies for diabetes mellitus: Experience in islet transplantation." Speaker at Colombian Congress of Diabetes and Risk Factors, Barranquilla, Colombia, April 13, 2008.
257. "Incretins in islet transplantation and diabetes control." Speaker at Colombian Congress of Diabetes and Risk Factors, Barranquilla, Colombia, April 13, 2008.
258. "Islet Transplantation in Diabetes." Speaker at 14th Annual International Society for Cellular Therapy (ISCT) Meeting, Miami, FL, May 18, 2008.
259. Cellular therapies for induction of tolerance." Speaker at 14th Annual International Society for Cellular Therapy (ISCT) Meeting, Miami, FL, May 19, 2008.
260. "How close are we to a successful clinical tolerance protocol?" Speaker at XXII International Congress of the Transplantation Society, Sydney, Australia, Aug 14, 2008.
261. "Islet transplantation beyond systemic immunosuppression: Cellular therapies meet bioengineering." Speaker (Galileo lecture) at 44th Annual EASD Congress, Rome, Italy, Sept. 8, 2008.
262. "Islet transplantation beyond systemic immunosuppression: Cellular therapies meet bioengineering." Speaker at Program Regional para la Cohesion Social EUROsocial Salud, Palermo, Italy, Sept. 11, 2008.
263. "Cellular therapies and regenerative medicine strategies for treatment of diabetes." Speaker at Mantova Diabete Congresso Nazionale, Mantova, Italy, Sept. 19, 2008.
264. "Islet transplantation beyond systemic immunosuppression: Cellular therapies meet bioengineering." Speaker at Novo Nordisk Foundation Consortium – 8th Annual Conference on Vascular Biology in Complications of Diabetes, Var Gard, Saltsjobaden, Sweden, November 1, 2008.
265. "Islet transplantation beyond systemic immunosuppression: Cellular therapies meet bioengineering." Speaker at University of South Florida – Health Conference, Tampa, FL, January 8, 2009.
266. "Islet transplantation: What is in the pipeline?" Presidential Lecturer at the 3rd European Diabetes Technology and Transplantation Meeting, Innsbruck-Igls, Austria, January 27, 2009.
267. "Hematopoietic cell transplantation for facilitation of solid organ transplantation." Speaker at University of Calgary, Canada, April 7, 2009.
268. "Islet transplantation beyond systemic immunosuppression: Cellular therapies meet bioengineering." Speaker at University of Calgary, Canada, April 7, 2009.
269. "The anterior chamber of the eye allows studying human islet cell biology in vivo." Speaker at 10th Cell Transplant Society Congress and 36th Japan Society for Organ Preservation and Medical Biology Congress, Okayama, Japan, April 21, 2009.
270. "Steady progress and current challenges in clinical islet transplantation for type 1 diabetes mellitus." Speaker at 10th Cell Transplant Society Congress and 36th Japan Society for Organ Preservation and Medical Biology Congress, Okayama, Japan, April 21, 2009.
271. "Diabetes treatment." Speaker at meeting sponsored by Biomedical City and Daegu Gyeongbuk Free Economic Zone Authority, Daegu Metropolitan City, Korea, April 23, 2009.
272. "Cellular therapies and regenerative medicine strategies for treatment of diabetes." Speaker at Stem Cells in Pavia Congress, Ghislieri College, Pavia, Italy, May 22, 2009.

273. "Impact of islet transplantation on diabetic nephropathy: A positive C peptide is sufficient?" Speaker at Fifteenth N.A.T. Congress on Beta Cell Replacement in Diabetic Patients, Nantes, France, June 18, 2009.
274. "Islet transplantation." Lawson Wilkins Pediatric Endocrinology Society and European Society of Pediatric Endocrinology 8th Joint meeting, New York, NY, September 9, 2009.
275. "Stem cell progress report – Diabetes." Panel participant at the 2009 World Stem Cell Summit, Baltimore, MD, September 23, 2009.
276. "Islet transplantation for children: are we ready?" Speaker at IPITA/IXA Joint Conference, Venice, Italy, October 12, 2009.
277. "Fundamentals of stem cell therapy." Speaker at International Diabetes Federation congress, Montreal, Canada, October 21, 2009.
278. "Human islet transplantation." Speaker at the International Diabetes Federation congress, Montreal, Canada, October 22, 2009.
279. "New cellular therapies for treatment of diabetes." Speaker at Biobridge 2009 United Nations Conference, Geneva, Switzerland, October 26, 2009.
280. "Il trapianto di isole, una promessa lunga 20 anni." Speaker at Convegno Milano, San Raffaele Hospital, Milan, Italy, October 31, 2009.
281. "Food for Health." Speaker at Barilla Center for Food Nutrition's 1st International Forum on Food and Nutrition. Rome, Italy, Dec. 3, 2009.
282. "Stem cells, perspectives, the Florida Stem Cell Bank." Speaker at the VIII Congreso Annual de la Sociedad Iberoamericana de Diagnostico y Tratamiento Prenatal (SIADTP), Miami, FL, December 6, 2009.
283. "Islet transplantation: Where we've been and where we're going." Speaker at the American Society of Transplant Surgeons 10th Annual State of the Art Winter Symposium, Ft. Lauderdale, FL, January 14, 2010.
284. "Entrepreneurship – Opportunities for innovation in times of economic downturn." Opening Panelist at 3rd HCT-Wharton Global Entrepreneurship 2010 Conference, Dubai, UAE, March 9, 2010.
285. "Entrepreneurship: Opportunities in Healthcare." Panelist at 3rd HCT-Wharton Global Entrepreneurship 2010 Conference, Dubai, UAE, March 10, 2010.
286. "Replacement and regeneration of beta cells." Speaker at Colombia's Endocrinology Association's Third International Course on Endocrinology, Diabetes and Metabolism, Bogota, Colombia, April 17, 2010.
287. "Cellular therapies, stem cells and regenerative medicine strategies for treatment of diabetes." Speaker at 2nd Lugano Stem Cell Meeting, Lugano, Switzerland, June 22, 2010.
288. "New developments in islet transplantation." Speaker at American Diabetes Association's 70th Scientific Sessions, Orlando, FL, June 27, 2010.
289. "The double pyramid: healthy for you, sustainable for the planet." Speaker at Nutrition and Environment: Healthy for You, Sustainable for the Planet Congress held at the National Museum of Science and Technology, Milan, Italy, June 29, 2010.
290. "The risks associated with excessive regulations and their possible impact on the development of a cure." Speaker at Hospital Niguarda's Consensus Conference, Rome, Italy, Sept. 28, 2010.
291. "Cellular therapies and regenerative medicine strategies for diabetes." Speaker at New York Stem Cell Foundation 5th Annual Translational Stem Cell Research Conference, New York, NY, October 13, 2010.

292. "Stem cell therapy – Present and Future." Speaker at Hospital de Alta Complejidad's Cardiovascular Symposium of the Third Millennium, Formosa, Argentina, October 29, 2010.
293. "Search for a cure for diabetes." Speaker at National Healing Institute's 2010 Regional Symposium, Miami Beach, FL, November 6, 2010.
294. "Creating vascularized transplantation site amenable to additional immunoprotective strategies." Speaker at JDRF/FDA Encapsulation Meeting, Bethesda, MD, December 17, 2010.
295. "Cell therapy and regenerative strategies for treatment of diabetes." Grand Rounds at University of Pittsburgh, February 4, 2011.
296. "Pancreatic islet cell transplantation." Speaker at Cleveland Clinic's 10th Annual Surgery of the Foregut Symposium, Coral Gables, FL, February 21, 2011.
297. "Islet cell transplantation for the treatment of diabetes mellitus." Medical Grand Rounds at Hackensack University Medical Center, Hackensack, NJ, April 12, 2011.
298. "Is collagenase digestion really a viable long-term option for achieving optimal human islet isolation? Speaker at 13th World Congress of the International Pancreas and Islet Transplant Association (IPITA), Prague, Czech Republic, June 1, 2011.
299. "Cell therapy for type 1 diabetes: From treatment of a few towards a cure for all." Speaker at 13th World Congress of the International Pancreas and Islet Transplant Association (IPITA), Prague, Czech Republic, June 4, 2011.
300. "Cellule staminali, ingegnerizzazione d'organo e riprogrammazione cellulare: le strategie di medicina rigenerative emergenti nel trattamento del diabete." Speaker at uniStem Conference, Università degli Studi di Milano, Milan, Italy, June 24, 2011.
301. "Cellular therapies, stem cells and regenerative medicine strategies for treatment of diabetes." Speaker at Novartis Standalone Meeting: Cyclosporin: Exploring Flexible Treatment Regimens, Rome, Italy, September 23, 2011.
302. "Beta cell replacement." Speaker at International Society for Pediatric and Adolescent Diabetes (ISPAD), Miami Beach, FL, October 19, 2011.
303. "Patient Selection for the first clinical trials. (In Session: Taking islet xenotransplantation to the clinic)" Speaker at CTS-IXA Joint International Congress, Miami Beach, FL, October 25, 2011.
304. "Stem cell signatures toward a renewable source of pancreatic beta cells." Speaker at University of Bologna, Italy, November 14, 2011.
305. "Stem cell-derived islet cells for transplantation." Speaker at Karolinska Institute's Diabetes Symposium, Stockholm, Sweden, November 18, 2011.
306. "Trapianto di isole pancreatiche e loro crioconservazione." Speaker at University of Milan's UniStem Meeting, Milan, Italy, November 29, 2011.
307. "Cell therapies and regenerative strategies for treatment of diabetes." Speaker at 3rd International Regenerative Surgery Conference, Rome, Italy, December 14, 2011.
308. "Cell based therapy and regeneration represents the future in the cure of type 1 diabetes." Speaker at the 2nd Joint AIDPIT and EPITA Winter Symposium, Igls/Innsbruck, Austria, January 31, 2012.
309. "From cellular therapies to tissue reprogramming and regenerative strategies in the treatment of diabetes." Speaker at the Pontifical Academy of Sciences, The Vatican, Rome, Italy, April 17, 2012.
310. "Stem cells and tissue engineering." Speaker at Ospedale Niguarda congress, Milan, Italy, April 19, 2012.

311. "Guarire il diabete con il trapianto di cellule pancreatiche. (Curing diabetes with pancreatic cell transplantation)." Speaker at 68th National Congress of the Italian Society of Pediatrics (SIP), Rome, Italy, May 10, 2012.
312. "Plastic surgery meets regenerative medicine." Speaker at Hair & Nail and Anti-Aging Congress, Capri, Italy, May 12, 2012.
313. "Completion of enrollment of the first Phase III trial of islet alone transplantation for severe hypoglycemia and hypoglycemia unawareness." Speaker at the American Diabetes Association 72nd Scientific Sessions, Philadelphia, PA, June 9, 2012.
314. "Randomized trial of HSCT with or without post-transplant mesenchymal stem cells." Speaker at Stem Cell Investigator Meeting at Northwestern University, Chicago, IL, September 8, 2012.
315. "Trapianti cellulari e strategia di medicina rigenerativa nelle patologie cardiovascolari." Speaker at Neuromed Scientific Program, Pozzilli, Italy, September 29, 2012.
316. "La fine del diabete." Speaker at Festival della Scienza, Genova, Italy, October 27, 2012.
317. "Translation Studies – Diabetes Progress Report." Speaker at World Stem Cell Summit, West Palm Beach, FL, December 3, 2012.
318. "The mandate to deliver cures – Aligning patient advocacy, industry and science." Speaker at World Stem Cell Summit, West Palm Beach, FL, December 5, 2012.
319. "International collaborations and new strategies for the cure of diabetes." Speaker at Delai Editore symposium, Rome, Italy, January 25, 2013.
320. "Current issues in pancreas/islet transplantation." Chairman and speaker at Dompé Satellite Symposium at 3rd Joint AIDPIT and EPITA Winter Symposium & 32nd AIDPIT Workshop, Igls, Austria, January 28, 2013.
321. "Past, present and future of cell transplantation: Review of a pioneer." Speaker at Cleveland Clinic's 12th Annual Surgery of the Foregut Symposium, Coral Gables, FL, February 18, 2013.
322. "Dalla prevenzione alle terapie avanzate. Nuove strategie per affrontare la pandemia diabete." Speaker at Policlinico San Matteo, Pavia, Italy; ISMETT, Palermo, Italy; and Università di Roma Tor Vergata, Rome Italy. April 8, 10 and 12, 2013.
323. "Cellular therapies and regenerative medicine: Strategies for treatment of diabetes." Speaker at Manning Diabetes Symposium University of Virginia, Charlottesville, VA, April 26, 2013.
324. "Moving cell-based therapies from the bench to the bedside: Challenges and opportunities." Speaker at 12th Annual Cell Based Therapies & Tissue Engineering Short Course, Case Western Reserve University, Cleveland, OH, May 20, 2013.
325. "Cellular therapies and regenerative medicine strategies for treatment of diabetes." Speaker at Georgian National Institute of Medical Research conference, Tbilisi, Georgia, June 4, 2013.
326. "The Cell Transplant Society 22 years after inception: Hopes and impediments on the path to cures." Speaker at 12th Congress of the Cell Transplant Society, Milan, Italy, July 7, 2013.
327. "Anti-inflammatory nutrition: Implications for cell transplantation and regenerative medicine." Speaker at 12th Congress of the Cell Transplant Society, Milan, Italy, July 10, 2013.
328. "Il trapianto di isole pancreatiche, dalle origini alla realtà di una terapia innovativa." Speaker at Dompé round table during 12th Congress of the Cell Transplant Society, Milan, Italy, July 10, 2013.
329. "Stem cell-derived islet cells for transplantation." Speaker at 9th Joint Meeting of Pediatric Endocrinology, Milan, Italy, September 19, 2013.

330. "Risoluzione delle ulcere cutanee con prodotti cellulari." Speaker at XII Congresso Nazionale AIUC, Milan, Italy, September 19, 2013.
331. "La medicina rigenerativa: Stato dell'arte. Nuovi prodotti speranze e per il futuro." Speaker at XII Congresso Nazionale AIUC, Milan, Italy, September 20, 2013.
332. "CIT: Current status and future directions." Speaker at 14th World Congress of IPITA, Monterey, CA, September 25, 2013.
333. "Cellular therapies to regenerative medicine for treatment." Speaker at Mental Health Issues of Diabetes Conference, Philadelphia, PA, October 7, 2013.
334. "Clinical use of stem cells for diabetes." Speaker at Need for Alternative Stem Cell Therapies Conference, Washington, DC, November 5, 2013.
335. "Update on indications and clinical outcomes of pancreatic islet cell transplantation.: Speaker at Cleveland Clinic's 13th Annual Surgery of the Foregut Symposium, Coral Gables, FL, February 17, 2014.
336. "Cellular therapies and regenerative strategies for diabetes." Speaker at STEMISO International Stem Cell Society Conference, Freeport, Grand Bahama, February 21, 2014.
337. "Diet and inflammation: possible effects on immunity, chronic diseases and life span." Speaker at Science in Nutrition 3rd International Congress, Milan, Italy, March 14, 2014.
338. "Completion of the first FDA phase 3 multicenter trial of islet transplantation in type 1 diabetes by the NIH CIT Consortium." Speaker at the International Society for Cellular Therapy (ISCT) Congress, Paris, France, April 25, 2014.
339. "Advanced cell therapies in regenerative medicine." Delivered the Keynote Opening Address at the High-Tech Cell Therapy Summit in Fuzhou, China, July 22, 2014.
340. "Cellular therapies and regenerative strategies for treatment of diabetes." Speaker at Regeneration Biotechnology Conference, Santa Clara, CA, August 23, 2014.
341. "Stem cells in the treatment of diabetes mellitus." Speaker at Hospital Metropolitano Vivian Pellas, Managua, Nicaragua, September 25, 2014.
342. "Islet transplantation, stem cells and regenerative medicine strategies for diabetes: Beyond cellular products." Speaker at Novel Stem Cells & Vesicles Symposium, Providence, RI, October 30, 2014.
343. "Telescience platform technologies to eliminate geographic barriers to collaborative efforts in medicine." Speaker at Italian Scientists and Scholars of North America Foundation (ISSNAF) event at Italian Embassy, Washington, DC, November 12, 2014.
344. "Mesenchymal stem cells for immunosuppression minimization in kidney transplantation." Speaker at American Society of Nephrology Kidney Week. Philadelphia, PA, November 14, 2014.
345. "Beta cell therapy: Challenges and opportunities." Speaker at Cleveland Clinic Beta Cell Therapy Symposium, Cleveland, OH, November 15, 2014.
346. "Cellular therapies and regenerative strategies for treatment of diabetes." Speaker at World Diabetes Conference, Freeport, Grand Bahama, November 21, 2014.
347. "Cellular therapies, stem cells and regenerative medicine strategies of diabetes." Speaker at GTC's Diabetes Summit (8th Diabetes Drug Discovery & Developmental Conference), Boston, MA, April 29, 2015.
348. "Clinical islet transplantation update." Speaker at American Diabetes Association Scientific Sessions, Boston, MA, June 8, 2015.

349. "Cell therapy for diabetes." Speaker at 17th Congress of the European Society for Organ Transplantation (ESOT), Brussels, Belgium, September 16, 2015.
350. "Cellular therapies and regenerative medicine strategies for diabetes." Speaker at Sant'Agata Bolognese's Meeting on Celiac Disease and Type 1 Diabetes Mellitus, Bologna, Italy, September 24, 2015.
351. "Immune protection of beta-cell clusters by encapsulation." Speaker at Semma Therapeutics, Boston, MA, October 7, 2015.
352. "Cellular therapies and regenerative medicine strategies in diabetes and chronic regenerative conditions." Speaker at Weill Cornell Medical College in Doha, Qatar, October 11, 2015.
353. "Cellular therapies and regenerative medicine strategies for diabetes." Speaker at Northwestern University/Kovler Organ Transplantation Center, Chicago, IL, October 21, 2015.
354. "What are the quantum leaps required to make islet transplantation a routine procedure for Type 1 diabetes mellitus?" Speaker at the IPITA/IXA/CTS Joint Congress, Melbourne, Australia, November 15, 2015.
355. "Translational challenges and opportunities in cellular therapies and regenerative medicine." Delivered the inaugural keynote lecture named in his honor at the IPITA/IXA/CTS Joint Congress, Melbourne, Australia, November 17, 2015.
356. "Current status of clinical islet transplantation." Speaker at the IPITA/IXA/CTS Joint Congress, Melbourne, Australia, November 18, 2015.
357. "Recent research and prospects for the future of islet transplantation." Speaker at CIX Banquet – Otsuka Pharmaceutical's Prospects for Clinical Islet Xenotransplantation, Melbourne, Australia, November 18, 2015.
358. "Hypes and hopes on the path to a cure for Type 1 diabetes." Delivered "First Masterly Lecture" at Italian Society of Pediatric Endocrinology Congress, Rome, Italy, November 25, 2015.
359. "A clinician's guide to fat grafts." Speaker at World Stem Cell Summit, Atlanta, GA, Dec. 10, 2015
360. "Stem cell therapies using adipose tissue – from fat grafts to 3-D cultures: The Lipogems perspective." Speaker at World Stem Cell Summit, Atlanta, GA, Dec. 11, 2015.
361. "Hypes and hopes on the path to a cure for Type 1 diabetes." Speaker at Inaugural Cell Therapy & Regenerative Medicine Symposium, University of Arizona, Tucson, AZ, January 30, 2016.
362. "Tissue engineering and cellular replacement strategies for treatment of diabetes." Speaker at 9th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD), Milan, Italy, February 4, 2016.
363. "Biologic replacement and regenerative medicine strategies for diabetes." Speaker at Global Technology Community's 9th Diabetes Drug Discovery & Development Summit, Boston, MA, April 26, 2016.
364. "Cellular therapies and regenerative medicine strategies for diabetes and other chronic degenerative conditions." Grand Rounds at University of Alberta, Edmonton, Canada, May 11, 2016.
365. "A novel biologic resorbable scaffold for tissue engineering of an intra-abdominal endocrine pancreas." Speaker at 10th World Biomaterial Congress, Montreal, Canada, May 19, 2016.
366. "Why are so few islet transplants currently being done for Type 1 diabetes?" Speaker at American Diabetes Association's 76th Scientific Sessions, New Orleans, LA, June 11, 2016.
367. "Cell therapies and regenerative medicine strategies for diabetes." Speaker at Fuzhou General Hospital, Fuzhou, China, June 25, 2016.
368. "Cellular therapies and regenerative strategies for diabetes." Speaker at Stanford University School of Medicine, Palo Alto, CA, August 5, 2016.

369. "Cellular therapies and regenerative strategies for diabetes." Speaker at California Institute for Regenerative Medicine, Oakland, CA, August 9, 2016.
370. "Future Technologies." Speaker at 52nd EASD Annual Congress, Munich, Germany, Sept. 14, 2016.
371. "Omentum and bursa omentalis sites for transplantation of free and encapsulated insulin-producing cells." Speaker at IPITA-JDRF-HSCI KOL Meeting on Stem Cell-Derived Beta Cells, Boston, MA, Sept 19, 2016.
372. "The future of cell transplantation." Speaker at 5th Congress of World Union of Wound Healing Societies, Florence, Italy, Sept. 27, 2016.
373. "Cellular therapy and regenerative medicine in diabetes." Speaker at Università degli Studi di Catania's International Symposium on new trends in diabetes and obesity treatment, Taormina, Sicily, Italy, Oct. 6, 2016.
374. "The perfect nutritional storm and its effect on obesity, chronic degenerative diseases and longevity." Keynote Speaker (Mason Lecture) at 33rd Annual Meeting of the American Society for Metabolic and Bariatric Surgery at Obesity Week 2016, New Orleans, LA, Nov. 3, 2016.
375. "Disease reversal, biologic replacement and regenerative strategies for type 1 diabetes." Speaker at Northwell Diabetes Conference, Woodbury, NY, Nov. 10, 2016.
376. "Clinical Islet Transplantation (CIT) Consortium and Collaborative Islet Transplant Registry (CITR) trial – Where do we stand? Speaker at 2nd Cleveland Clinic Beta Cell Therapy Symposium, Beachwood, Ohio, Nov. 12, 2016.
377. "Removing regulatory roadblocks." Speaker at 2016 World Stem Cell Summit, West Palm Beach, FL, Dec. 8, 2016.
378. "Diabetes progress report." Speaker at 2016 World Stem Cell Summit, West Palm Beach, FL, Dec. 9, 2016.
379. "Pioneering islet cell transplantation." Speaker at Hamad General Hospital's Islet Cell Transplantation Symposium, Doha, Qatar, January 14, 2017.
380. "Resetting the inflammatory-immune response for replacement and regenerative strategies in diabetes: Progress and challenges of the path to a cure." Speaker at the 50th Annual Miami Winter Symposium, Miami, FL January 22, 2017.
381. "Pancreatic islet cell transplantation: Past, present and future. A Pioneer's Perspective." Keynote speaker at South Florida Chapter of the American College of Surgeons (ACS), Feb 1, 2017.
382. "Current Status of Islet Cell Transplantation." Speaker at Americas Hepato-Pancreato-Biliary Assoc (AHPBA) Congress, Miami Beach, FL, April 1, 2017.
383. "Nanomaterials with tunable hydrophobicity as local drug delivery systems for cell transplantation." Speaker at Nanoworld Conference, Boston/Newton, MA, April 3, 2017.
384. "New treatments for diabetes." Speaker at Science in Nutrition 4th International Congress, Milan, Italy, May 5, 2017.
385. "Dal trapianto del pancreas endocrino, alle strategie per bloccare l'autoimmunità e rigenerare cellule che producono insulina." Speaker at OGD Novara Onlus Evento – Diabete Giovanile, Tutela Legale e Prospettive Terapeutiche, Novara, Italy, May 6, 2017.
386. "What's new in islet transplantation?" Speaker at 14th Colombian Congress of Endocrinology, Barranquilla, Colombia, May 27, 2017.
387. "Present and future of islet transplantation in the management of diabetes." Speaker at 14th Colombian Congress of Endocrinology, Barranquilla, Colombia, May 27, 2017.
388. "Where will we be transplanting the tissue in 10 years?" Speaker at IPITA's 16th International Congress, Oxford, United Kingdom, June 23, 2017.

389. "Role of exosomes and inter-cellular messaging in adipose-derived MSC behavior." Speaker at International Federation for Adipose Therapeutics and Science (IFATS), Miami Beach, FL, Nov 30, 2017.
390. "Preserving the stem cell niche in adipose-derived tissue autotransplants for minimally invasive regenerative surgery applications: From diabetes to sports medicine." Speaker at Session - Stem cell innovations that will change the world, World Stem Cell Summit, Miami, FL, January 25, 2018.
391. "Applications and adoption of technology." Speaker at Session: Advancing the exosome; Extracellular vesicle into the mainstream, World Stem Cell Summit, Miami, FL, January 25, 2018.
392. "Cellular therapies and regenerative medicine strategies for type 1 diabetes." Leonard L. Madison Visiting Professor at University of Texas Southwestern Medical Center, Dallas, TX, April 27, 2018.
393. "Reversal of autoimmunity in type 1 diabetes." Leonard L. Madison Visiting Professor at University of Texas Southwestern Medical Center, Dallas, TX, April 27, 2018
394. "Advances in Diabetes care and prevention." Speaker at Florida International University's 8th International Conference on Global Health, Miami, FL, May 24, 2018.
395. "An update from the CIT-07 trials – Quality of life and metabolic outcomes of islet allotransplant." Speaker at American Diabetes Association' 78th Scientific Sessions, Orlando, FL, June 25, 2018.
396. "Status of past and future for cell therapy in Type 1 diabetes." Speaker at Novo Nordisk, Copenhagen, Denmark, September 18, 2018.
397. "The evolving field of allo islet transplant." Speaker at 3rd Cleveland Clinic Beta Cell Symposium on Diabetes, Beachwood, Ohio, November 10, 2018.
398. "From cellular therapies to healthspan medicine: New frontiers to cure disease and prolong healthy lifespan." Speaker at Bocconi University, Milan, Italy, November 27, 2018.
399. "Oggi certezze...domain prospettive?" Speaker at joint congress of Societa Italiana de Diabetologia and Associazione Medici Diabetologi, Palermo, Italy, November 29, 2018.
400. "From immunosuppression to tolerogenic immunomodulation in biologic replacement and immunotherapy for diabetes." Speaker at 2nd Cuba-US Diabetes Workshop, Havana, Cuba, Dec 10, 2018.
401. "Mesenchymal stem cells and regenerative medicine strategies for diabetes." Speaker at World Stem Cell Summit/Phacilitate Leaders World Meeting, Miami, FL, January 25, 2019.
402. "Modulating inflammation in diabetes and autoimmune diseases: the role of Omega 3." Speaker at Zone Consultant Master Course/Omega 3 for Diabetes, Rome, Italy, March 17, 2019.
403. "Cellular therapies, immunomodulation and regenerative medicine strategies for diabetes." Speaker at Bambino Gesù Pediatric Hospital, Rome, Italy, March 20, 2019.
404. "Cellular therapies, immunomodulation and regenerative medicine strategies for diabetes." Speaker at Gemelli Hospital, Rome, Italy, March 21, 2019.
405. "Adipose tissue for tissue healing and repair." Speaker at The Steadman Clinic and Steadman Philippon Research Institute's 5th Annual Vail Scientific Summit, Vail CO, August 25, 2019.
406. "Combination strategies for prevention of accelerated aging and extension of healthspan." Speaker at The Steadman Clinic and Steadman Philippon Research Institute's 5th Annual Vail Scientific Summit, Vail CO, August 26, 2019.
407. "Cellular therapies, immunomodulation and regenerative medicine strategies for diabetes." Speaker at 16th Congress of the Cell Transplant and Regenerative Medicine Society, Lesvos, Greece, September 25, 2019.

408. “Diet induced inflammation and its effect on diabetes, autoimmunity, chronic disease conditions and healthspan.”
Speaker at 2nd Annual Health Span Hawaii Summit, Honolulu, Hawaii, November 5, 2019.

TEACHING

Teaching Specialization

Mechanisms of Disease Course – Research Opportunities in Human Disease Diabetes Module
Human Islet Isolation and Transplantation Techniques Workshops – 1) Miami, FL 2) Banff, Canada
3) Minneapolis, MN 4) Miami, FL 5) Banff, Canada 2005; 6) Snowbird, Utah 2006; 7) Minneapolis, MN 2007.

Thesis and Dissertation Advising:

Member of the Proposal Committee for Scott Kamholz, Univ. of Miami, Dept. of Physiology and Biophysics
Member of the Proposal Committee for Lianne Marks, Univ. of Miami, Dept. of Microbiology and Immunology
Member of the Dissertation Committee for William Bennet, Karolinska Institute, Dept of Transplantation Surgery, Stockholm, Sweden
External Examiner for Ph.D. thesis of A. James Shapiro, M.D., University of Alberta, Edmonton, Canada
Member, Master’s Committee for Melissa Deiter, Univ of Miami, Dept of Biomedical Engineering
Member of the Dissertation Committee (1st Faculty Opponent) for Tormod Lund, University of Oslo, Norway
Member of the Proposal Committee for Chris Fraker, Univ. of Miami, Diabetes Research Institute
External Examiner for Ph.D. thesis of Boris Gala-Lopez, MD, University of Alberta, Edmonton, Canada

SERVICE

University Committee and Administrative Responsibilities:

Co-Director, Executive Office for Research Leadership (2001-2003)
Member, (Chairman 1996), University of Miami Patent and Copyright Committee
Member, Animal Care and Use Committee
Member, Committee for the Provost’s Award for Scholarly Activity
Member, Faculty Research Advisory Committee of the Council of the Medical School
Member, Search Committee for Associate Dean of Research and Graduate Studies
Member, Dean’s Research Task Force
Member, Department of Surgery’s Promotion and Tenure Committee
Member, Space Committee
Member, Provost’s Advisory Committee on Genomics
Member, Research Task Force’s Research Priorities/Faculty Recruitment Subcommittee
Member, DVR Search Committee
Member, Search Committee for Medical School Dean
Internal Advisor, UM’s Center for AIDS Research (CFAR)
Member, External Advisory Board for Pre-doctoral Clinical Research Training Program
Member, Planning Group for President Shalala’s and Mayor Manny Diaz’ Developers Forum to promote the medical center
Chairman, Dean’s Research Cabinet (2006 – 2012)
Member, Search Committee for the Chair of Department of Medicine (2006)
Member, Internal Advisory Board for the Wallace H. Coulter Center for Translational Research (2006)
Chairman, Maternal Fetal Medicine and Perinatology Search Committee (2007)
Member, Internal Advisory Committee for Developmental Center for AIDS Research (2007)
Member, Hussman Institute for Human Genomics (HIHG) Advisory Committee (2008)
Chairman, UM-DCFAR Executive Committee (Appointed 2009)
Member, Internal Advisory Board of the Miami Clinical and Translational Sciences Institute CTSI (2009)
Member, Clinical Subcommittee of Provost’s Academic Personnel Board (2009-13)
Mentor, International Medicine Institute’s Scientific Research Scholar Program (2010)
Member, Development Shared Services and Fundraising/Philanthropy Committee (2012)
Member, UM ESCRO Committee (2013)