



CURRICULIM VITAE

SOHAIL RAO, M.D., M.A., D.PHIL.

Office Address: The Heights Hospital, 1917 Ashland Street, Houston, TX 77008
INNOVACORE, 6918 Camp Bullis Road, San Antonio, TX 78266

E-mail: srao@tigme.org **Cell:** 504-444-2318
srao@innovacore.net **Off:** 888-341-5651
Fax: 888-341-6085

Website: <https://tigme.org/>
<https://innovacore.net>

LinkedIn: <https://www.linkedin.com/in/sohail-rao-md-ma-dphil-ba654746/>

ORCID: <https://orcid.org/0000-0001-5027-9992>

EDUCATION and TRAINING

A: DEGREE PROGRAMS:

GRADUATE:

<u><i>Dates Attended</i></u>	<u><i>Institution</i></u>	<u><i>Degree/Year</i></u>	<u><i>Major Subject</i></u>
1990-1992	University of Oxford Oxford, United Kingdom	D.Phil. 1993	Immunology/Pathology
1987-1989	Boston University Boston, Massachusetts, USA	MA 1990	Physiology
1975-1983	Dow Medical University Karachi, Pakistan	MD (MBBS) 1983	Medicine, Surgery
1973-1975	Dayaram Jethamal Science College Karachi, Pakistan	HSC 1975	Pre-Med Biology
1971-1973	St. Patrick's School Karachi, Pakistan	SSC 1973	General Studies

B: CERTIFICATION PROGRAMS:

<u>Dates Attended</u>	<u>Institution</u>	<u>Degree/Year</u>	<u>Major Subject</u>
2002	Association of American Medical Colleges (AAMC) Washington, District of Columbia	Not Applicable	Future Medical School Dean's Workshop
2000	The Katz Graduate School of Business Administration University of Pittsburgh Pittsburgh, Pennsylvania	MBA (Essentials)	Executive Management
2000	Corporate Training and Development University of Pittsburgh Medical Center-Health System Pittsburgh, Pennsylvania	Not Applicable	Management & Law

C: POST-GRADUATE:

<u>Years</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
1990-1992	Nuffield Department of Surgery John Radcliffe Hospital Oxford University Oxford, United Kingdom	Post-Doctoral Fellow
1989-1990	Department of Neurology Harvard Medical School Boston, Massachusetts	Research Fellow
1987-1989	Department of Physiology Boston University, School of Medicine Boston, Massachusetts	Research Associate
1985-1987	Department of Physiology The Aga Khan University School of Medicine Karachi, Pakistan	Instructor
1984-1985	Department of Physiology Dow Medical University Karachi, Pakistan	Instructor
1983-1984	Department of Orthopedic Surgery Civil Hospital Karachi, Pakistan	Resident

APPOINTMENTS and POSITIONS

NON-ACADEMIC:

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
February 2024 – To Date	INNOVACORE Center for Research & Biotechnology, San Antonio, TX	President & CEO
February 2024 – To Date	H Bond Foundation San Antonio, TX	President
January 2024 – To Date	Dow University of Health Sciences Karachi, Pakistan	Co-Chairman PhD Faculty Evaluation Committee
October 2023 – To Date	White Rock Medical Center Dallas, Texas	Chief Academic Officer
June 2023 – To Date	Heights Hospital Houston, TX	Chief Academic Officer
June 2023 – To Date	Texas Institute for Graduate Medical Education, Houston, TX	President and CEO
June 2023 – To Date	Texas Institute for Graduate Medical Education, Houston, TX	Designated Institutional Official
August 2022 – To Date	US Department of State Education & Cultural Affairs	Fulbright Specialist
May 2022 – May 2023	DHR Health Center for Leadership Development, Edinburg, Texas	Executive Vice President
January 2022 – May 2023	Graduate Medical Education Committee DHR Health, Edinburg, Texas	Member
June 2021 – To Date	C.T. Bauer School of Business University of Houston, Houston, Texas	Advisory Panel
January 2021 – To Date	Dow University of Health Sciences Karachi, Pakistan	Chief Scientific Advisor to the Vice Chancellor
January 2021 – To Date	Dow University of Health Sciences Karachi, Pakistan	Chairman Doctoral Admission Committee
January 2021 – To Date	Dow University of Health Sciences Karachi, Pakistan	Chairman University Scientific Board

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
January 2020 – May 2023	DHR Proceedings www.dhrproceedings.org	Editor-in-Chief
January 2019 – May 2023	DHR Health Edinburg, Texas	Executive Vice President
January 2019 – May 2023	DHR Health Institute for Research & Development, Edinburg, Texas	Founding President & Chief Executive Officer
January 2019 – May 2023	Office of Human Research Protections Department of Health & Human Services Rockville, MD	Institutional Official
December 2018 – To date	Advisory Board King Abdulaziz University – Rabigh Jeddah, Kingdom of Saudi Arabia	International Member
September 2018 – Dec 2020	Dow University of Health Sciences Karachi, Pakistan	Senior Adviser to the Vice Chancellor
Sept 2018 – Dec 2020	Dow University Hospital Karachi, Pakistan	Chief Executive Officer
Aug 2016 – Feb 2018	CHRISTUS Health Irving, Texas	Chief Academic Officer
Aug 2016 – Feb 2018	CHRISTUS Health Irving, Texas	System Vice President Research & Academics
Aug 2016 – Feb 2018	CHRISTUS Health Irving, Texas	Designated Institutional Official - ACGME
Aug 2016 – Feb 2018	CHRISTUS Health Irving, Texas	Designated Institutional Official - OHRP
Aug 2017 – Feb 2018	CHRISTUS Physician Group Irving, Texas	Physician Executive Academic
Dec 2016 – Feb 2018	CHRISTUS Health Irving, Texas	Chair – Graduate Education Committee
Aug 2015 – Feb 2018	CHRISTUS Institute for Innovation & Advanced Clinical Care CHRISTUS Health, Irving Texas	Executive Director

<u><i>Years Inclusive</i></u>	<u><i>Name & Location of Institution</i></u>	<u><i>Title or Position</i></u>
June 2011 – Aug 2016	Ochsner Health System New Orleans, Louisiana	System Vice President for Research
June 2012 – July 2015	Ochsner International New Orleans, Louisiana	Vice President
June 2011 – Aug 2016	Ochsner Clinical School University of Queensland New Orleans, Louisiana	Deputy Head of Schools - Research
Sep 2010 – June 2011	The President's Office University of Tabuk, Kingdom of Saudi Arabia	Senior Advisor
July 2010 – June 2011	Hospital Authority Board Hillsborough County, Florida	Member
Mar 2009 – August 2010	The Institute of Women's Health of North America Orlando, Florida	CEO & Chief Research Officer

UNIVERSITY OF SOUTH FLORIDA

January 2006 – Feb 2009	University of South Florida – Health Tampa, Florida	Assoc. Vice President
January 2006 – Feb 2009	College of Medicine University of South Florida – Health Tampa, Florida	Vice Dean Research
January 2006 – Feb 2009	College of Medicine University of South Florida – Health Tampa, Florida	Vice Dean Graduate Education
January 2006 – Feb 2009	Office of Research University of South Florida Tampa, Florida	Assoc. Vice President Research Compliance
February 2006 - Feb 2009	School of Biomedical Sciences University of South Florida - Health College of Medicine, Tampa, Florida	Director
August 2006 - Feb 2009	Tampa General Hospital Tampa, Florida	Medical Director

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
August 2008 – Feb 2009	Byrd Alzheimer's Institute University of South Florida – Health, Tampa FL	Chief Operating Officer
January 2006 - Feb 2009	Dean's Cabinet University of South Florida - Health College of Medicine Tampa, Florida	Member
August 2008 – Feb 2009	Management Advisory Committee Laboratory for Advanced Molecular Diagnostics Tampa, Florida <i>A Tampa General Hospital/USF Health Partnership</i>	Chairman
May 2007 - Feb 2009	Research Cabinet University of South Florida – Health, Tampa, Florida	Chair
June 2007 - Feb 2009	Financial Oversight Committee University of South Florida – Health, Tampa, Florida	Member
March 2007 - Feb 2009	Research Management Council University of South Florida System, Tampa, Florida	Chair
January 2007 - Feb 2009	Strategic Planning Committee University of South Florida System, Tampa, Florida	Member
January 2007 - Feb 2009	University Discipline Committee Distinguished University Health Professorship University of South Florida Health, Tampa, Florida	Chair
January 2007 - Feb 2009	Graduate Executive Coordinating Committee University of South Florida System, Tampa, Florida	Member
October 2006 - Feb 2009	Life Science Subcommittee Greater Tampa Bay Chamber of Commerce Tampa, Florida	Member
October 2006 - Feb 2009	Research Committee Tampa General Hospital Tampa, Florida L	Chair
October 2006 - Feb 2009	Feasibility Committee Tampa General Hospital Tampa, Florida	Chair

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
February 2006 – Feb 2009	Sabbatical Committee University of South Florida - Health Tampa, Florida	Chair
February 2006 – Feb 2009	Board – Centers for Advanced Healthcare University of South Florida – Health College of Medicine Tampa, Florida	Member

MIDDLE TENNESSEE STATE UNIVERSITY/TENNESSEE BOARD OF REGENTS

July 2004 – December 2005	College of Graduate Studies Middle Tennessee State University Murfreesboro, Tennessee	Dean
July 2004 – December 2005	Research & Sponsored Programs Middle Tennessee State University Murfreesboro, Tennessee	Vice Provost
March 2005 – December 2005	Research Council Tennessee Board of Regents Nashville, Tennessee	Chair
Nov 2004 – December 2015	MTSU Research Foundation Middle Tennessee State University Murfreesboro, Tennessee	Executive Director
July 2004 – December 2005	TN Homeland Security Task Force State of Tennessee Nashville, Tennessee	Member
July 2004 – December 2005	Vice Provost’s Council Middle Tennessee State University Murfreesboro, Tennessee	Member
July 2004 – December 2005	Dean’s Cabinet Middle Tennessee State University Murfreesboro, Tennessee	Member
July 2004 – December 2005	University’s Strategic Planning Committee Middle Tennessee State University Murfreesboro, Tennessee	Member

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
July 2004 – December 2005	Research Council Middle Tennessee State University Murfreesboro, Tennessee	Chair
July 2004 – December 2005	Graduate Council Middle Tennessee State University Murfreesboro, Tennessee	Member
July 2004 – December 2005	Faculty Research and Creative Activity Committee Middle Tennessee State University Murfreesboro, Tennessee	Member
July 2004 – March 2005	Vision for Excellence in Research Committee Tennessee Board of Regents Nashville, Tennessee	Vice Chair
MCP HAHNEMANN/DREXEL UNIVERSITY:		
September 2003 – June 2004	Research & Graduate Studies Drexel University Philadelphia, Pennsylvania	Sr. Assoc. Vice Provost
May 2002 – August 2003	Research Administration Drexel University College of Medicine Philadelphia, Pennsylvania	Vice Dean
May 2002 – August 2003	Biomedical Graduate Studies Drexel University College of Medicine Philadelphia, Pennsylvania	Vice Dean
April 2002 – August 2003	Information Technology (Academic) Drexel University College of Medicine Philadelphia, Pennsylvania	Vice Dean
January 2001 – April 2002	Research Administration Drexel University College of Medicine (Formerly MCP Hahnemann University) Philadelphia, Pennsylvania	Senior Associate Dean
January 2001 – April 2002	Biomedical Graduate Studies Drexel University College of Medicine (Formerly MCP Hahnemann University) Philadelphia, Pennsylvania	Senior Associate Dean

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
September 2001 – April 2002	Information Technology (Academic) Drexel University College of Medicine (Formerly MCP Hahnemann University) Philadelphia, Pennsylvania	Senior Associate Dean
THOMAS E. STARZL TRANSPLANTATION INSTITUTE/UNIVERSITY OF PITTSBURGH		
1994-2000	Section of Cellular Transplantation Thomas E. Starzl Transplantation Institute University of Pittsburgh Pittsburgh, Pennsylvania	Director/Chief
1995-2000	Section of Medical Informatics Thomas E. Starzl Transplantation Institute School of Medicine University of Pittsburgh Pittsburgh, Pennsylvania	Director
1994- 1997	Research Administration Thomas E. Starzl Transplantation Institute University of Pittsburgh Pittsburgh, Pennsylvania	Director
1997-2000	Translational Research Thomas E. Starzl Transplantation Institute University of Pittsburgh Pittsburgh, PA	Associate Director
1998 – 2000	Protocol Review Committee Thomas E. Starzl Transplantation Institute School of Medicine University of Pittsburgh Pittsburgh, Pennsylvania	Vice-Chairman
1997-2000	Executive Management Committee Thomas E. Starzl Transplantation Institute School of Medicine University of Pittsburgh Pittsburgh, Pennsylvania	Executive Secretary

ACADEMIC:

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
Dec 2020 – To Date	Department of Pharmacy Practice Irma Lerma Rangel College of Pharmacy Texas A&M University College Station, Texas	Clinical Professor (Adjunct)
Sept 2020 – To Date	Pharmaceutical Health Outcomes & Policy University of Houston Houston, Texas	Professor (Adjunct)
Jan 2014 – To Date	Clinical Medicine University of Queensland School of Medicine Brisbane, Queensland, Australia	Professor
April 2012 – July 2016	Department of Microbiology, Immunology & Parasitology School of Medicine Louisiana State University Health Science Center New Orleans, Louisiana	Professor
July 2011 – To Date	Faculty of Medicine University of Tabuk Tabuk, Kingdom of Saudi Arabia	Visiting Professor
Sep 2010 – June 2011	Department of Medical Microbiology Faculty of Medicine University of Tabuk Tabuk, Kingdom of Saudi Arabia	Professor & Chair
January 2006 - Feb 2009	Department of Surgery University of South Florida - Health College of Medicine Tampa, Florida	Professor
January 2006 - Feb 2009	Department of Molecular Medicine School of Biomedical Sciences University of South Florida - Health College of Medicine Tampa, Florida	Professor

<u>Years Inclusive</u>	<u>Name & Location of Institution</u>	<u>Title or Position</u>
July 2004 – December 2005	Department of Biology Middle Tennessee State University Murfreesboro, Tennessee	Professor (tenured)
2001-2004	Departments of Surgery Drexel University College of Medicine Philadelphia, Pennsylvania	Professor
2001 – 2004	Department of Microbiology and Immunology Drexel University College of Medicine Philadelphia, Pennsylvania	Adjunct Professor
1999-2000	Departments of Surgery School of Medicine University of Pittsburgh Pittsburgh, Pennsylvania	Associate Professor
1993-1999	Departments of Surgery & Pathology School of Medicine University of Pittsburgh Pittsburgh, Pennsylvania	Assistant Professor
1990-1992	Nuffield Department of Surgery John Radcliffe Hospital Oxford University, Oxford, UK	Instructor

CURRENT IRB APPROVED PROTOCOLS

IRB #	STUDY TITLE	ROLE
1908492	Use of Bebtelovimab for Outpatient Treatment of Patients Infected With SARS-CoV-2	PI
1888431	Procurement of Archived Human Cancer Tissue for Review	Co-P.I.
1873559	The WISDOM Study – Women Informed to Screen Depending on Measures of Risk	Co-P.I.
1827806	I-SPY COVID- Testing Novel Drugs or Drug Combinations to Treat COVID-19	P.I.
1799153	Real World Data Observational Study of COVID-19 in a Flyover Region	P.I.
1644879	The National Patient-Centered Clinical Research Network (PCORNet) Research Action for Health Network	P.I.
1605321	Comprehensive Screening of Patients for COVID-19 Symptoms Eliminates the Need for RT-PCR Testing for Elective Surgeries	P.I.
1603471	Pragmatic Evaluation of Events and Benefits of Lipid-lowering In Older Adults (PREVENTABLE)	P.I.
1551551	B ² RAD Translational Medicine Study	P.I.
1588578	Collection of Plasma from Convalesced COVID-19+ Patients	Co-P.I.
1661578-2	Combined Use of Bacteriophage and Antibiotics to Treat Drug-Resistant Infection with <i>Acinetobacter baumannii</i> in Hospitalized Patients who are COVID-19 Positive	P.I.
1789039	Prospective Open Label Clinical Trial to Administer a Booster Dose of Pfizer/BioNTech COVID-19 Vaccine (BTN 162b2) in High-Risk Individuals	P.I.

RESEARCH FUNDING

<u>Title</u>	<u>Role in Project & % of Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
A: DHR Health Institute for Research & Development			
See enclosed PHS 396 (Appendix A)			
B: Ochsner Health System			
Louisiana Clinical Data Research Network – Phase I Status: Funded	PI	2014-15	PCORI Washington, DC (USA)
Louisiana Clinical Data Research Network – Phase II Status: Funded	PI	2015-18	PCORI Washington, DC (USA)
FDA Sentinel Status: Funded	PI	2015-19	FDA Silver Spring, MD
C: The Institute of Women’s Health of North America			
The Heart Truth Professional Training Workshop Status: Funded	PI	2010	NIH Bethesda, MD (USA)
Evaluating the Diagnostic Performance of an HIV Assay To Detect Antibodies in Finger-stick Blood Specimens Status: Funded	PI	2010-11	Ultrarapid Nanodiagnostics Tampa, Fl (USA)
IWHNA HIV Prevention Program in Broward, Hillsborough, Marion & Orange Counties Status: Submitted	PI	2010-2014	CDC Atlanta, GA (USA)
Sister Informing Sisters On Topics about AIDS (SiSTA) Status: Submitted	PI	2010-2011	National AIDS Fund Washington, DC (USA)

<u>Title</u>	<u>Role in Project & % of Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
Be Smart and Know Your Status!PI Initiative for the Prevention of HIV/AIDS, STDs, and Hepatitis Status: Submitted		2010	Hillsborough County Medical Association Foundation Tampa, FL (USA)
D: Drexel University			
Promoting Minority Student's Interest in Research Status: Funded (Transferred to Dr. Barry Waterhouse upon departure from Drexel)	PI	2004-2008 \$534,000	NHLBI, NIH Bethesda, MD (USA)
Upgrade of Essential Equipment In Animal Facilities – Phase III Status: Funded (Transferred to Dr. Rick Huneke upon departure from Drexel)	PI/Program Director	2004-2006	NCRR, NIH Bethesda, MD (USA)
Facilities Renovation to Enhance Biomedical Research - Phase II Status: Scored (196); Funded	PI/Program Director	2004-2006	NCRR, NIH Bethesda, MD (USA)
Enhancement of Animal Facility At QL Medical Campus Status: Funded (Transferred to Dr. Rick Huneke upon departure from Drexel)	PI/Program Director	2003-2005	NCRR, NIH Bethesda, MD (USA)
Human Subject Research Enhancement Program Status: Funded	Co-PI	2003-2004	NIH Bethesda, MD (USA)
Health Research Formula Funds Status: Funded	Program Director	2002-2006	Commonwealth of PA
Health Research Formula Funds Status: Funded	Program Director	2001-2005	Commonwealth of PA
E: University of Pittsburgh School of Medicine			
Gene Therapy Approaches to Type I Diabetes Status: Funded	Principal Investigator (Core #2)	1999-2003	JDFI

<u>Title</u>	<u>Role in Project & % of Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
Donor bone marrow Augmentation Status: Funded	Principal Investigator	1998-2001	Fujisawa Healthcare, Inc.
Development of EDIT® Database Status: Funded	Principal Investigator	1998-2001	Fujisawa Healthcare, Inc.
Development of Transplant Institute Website Status: Funded	Principal Investigator	1999-2000	Fujisawa Healthcare, Inc.
Generation of Chimeric-Transgenic Pigs for Xenotransplantation Status: Funded	Principal Investigator	1998-2001	McCune Foundation Pittsburgh, PA (USA)
Autologous LAK cell Immunotherapy for PTLD Status: Funded	Principal Investigator	1996-2001	Cancer Treatment Research Foundation, Arlington Heights, IL
Combined bone marrow and organ transplantation in humans Status: Funded	Co-Principal Investigator	1996-2001	NIH (NIAID, JJF-PI/ Rao-Co-PI) Bethesda, MD (USA)
Orthotopic liver transplantation in mice Status: Funded	Co-Investigator	1996-2000	NIH (NIDDK, TES-PI) Bethesda, MD (USA)
Dendritic Cell Function in NOD Mice Status: Funded	Consultant	1997-2002	NIH Bethesda, MD (USA)
Use of rhIL-10 to prevent isolated pancreatic islet allograft rejection Status: Funded	Principal Investigator	1994-97	Schering-Plough Nutley, NJ (USA).
UREAS: Its role in hepatic encephalopathy Status: Funded	Principal Investigator	1994-98	BenVenue Pharmaceuticals Bedford, OH (USA)

<u>Title</u>	<u>Role in Project & % of Effort</u>	<u>Years Inclusive</u>	<u>Source</u>
F: Other:			
Role of DC in allograft rejection in mice Status: Funded	D.Phil. Thesis 100%	1990-92	British VC Committee
FUNDING FOR MENTORED FACULTY:			
CD28 and CD40 T cell Costimulatory Pathways: Therapeutic Targets for Chronic rejection Status: Funded Mentored PI: Woodward, Jennifer	Mentor	2000-02	AST-Roche Investigator Award
Islet Cell Transplantation Status: Funded Mentored PI: Woodward, Jennifer	Mentor	2000-04	Shelly Patrick Research Fellowship
<i>Ex vivo</i> CTL generation-based immunotherapy for PTLD in pediatric and adult small bowel recipients Status: Funded Mentored PI: Metes, Diana	Mentor	1999-01	Competitive Medical Research Fund Pittsburgh, PA (USA)
Pancreatic islet transplantation to treat diabetes: A new strategy in graft immunoisolation Status: Funded Mentored PI: Rastellini, Cristiana	Mentor	1998	Competitive Medical Research Fund Pittsburgh, PA (USA)
Effect of Lisofylline on Bacterial Translocation and Mucosal Barrier Function Status: Funded Mentored PI: Cicalese, Luca	Mentor	1997-1998	Cell Therapeutics, Inc. Seattle, WA (USA)

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

<u>Organization</u>	<u>Year</u>
The Honor Society of Phi Kappa Phi	2005
Council of Southern Graduate Schools	2004
Tennessee Academy of Sciences	2004
Tennessee Council of Graduate Deans	1004
Group on Research Advancement and Development, AAMC (Steering Group)	2003
Council of Graduate Schools	2001
Association of American Medical Colleges	2001
American Society of Transplantation	1997
American Society of Immunology	1994
American Association for the Advancement of Sciences	1994
Cell Transplant Society	1993
The Transplantation Society	1993
British Transplant Society	1991
British Society of Immunology	1991

PUBLICATIONS:

1. Sun H, Woodward JE, Subbotin VM, Kuddus R, Logar AJ, Schaefer AT, Aitouche A, **Rao AS**. Use of recombinase activation gene-e deficient mice to ascertain the role of cellular and humoral immune responses in the development of chronic rejection. *J Heart Lung Transplant* 21(7): 738-50, 2002.
2. Woodward JE, Salam A, Logar AJ, Schaefer AT, **Rao AS**. Flt3-L augments the engraftment of donor-derived bone marrow cells when combined with sublethal irradiation and co-stimulatory (CD28/B7 and CD40/CD40L) blockade. *Cell Transplant* 11(2): 147-59, 2002.
3. Kuddus R, Patzer JF, Lopez R, Mazariegos GV, Meighen B, Kramer DJ, **Rao AS**. Clinical and laboratory evaluation of the safety of a bioartificial liver assist device for potential transmission of porcine retrovirus. *Transplantation* 73(3): 420-9, 2002.
4. Ahmed M, Venkataraman R, Logar AJ, **Rao AS**, Bartley GP, Robert K, Dodson FS, Shapiro R, Fung JJ, Zeevi A, Quantitation of immunosuppression by tacrolimus using flow cytometric analysis of interleukin-2 and interferon-gamma inhibition in CD8⁻ and CD8⁺ peripheral blood T cells. *Ther Drug Monit* 23(4): 354-62, 2001.
5. Metes D, Gambotto AA, Nellis J, Ruscini A, Stewart-Akers, AM, Morel PA, **Rao AS**. Identification of the CD32/FCγRIIc-Q13/STP13 polymorphism using an allele-specific restriction enzyme digestion assay. *J Immunol Methods* 258(1-2): 85-95, 2001.
6. Tang JL, Subbotin VM, Antomysamy MA, Troutt AB, **Rao AS**, Thomson AW. Interleukin-17 antagonist inhibits acute but not chronic vascular rejection. *Transplantation* 72(2): 348-50, 2001.
7. Woodward JE, Schaefer AT, Zottola LB, Stazer JK, Logar AJ, Peach R, **Rao AS**. Inhibition of in vitro donor-specific proliferative and cytotoxic T cell responses in chimeric CD40 ligand-deficient bone marrow transplant recipients treated perioperatively with CTLA4-Ig. *Transplant Proc* 33(1-2): 113-4, 2001.
8. Woodward JE, Zottola LB, Schaefer AT, Logar AJ, Stazer JK, Daskivich T, Peach R, **Rao AS**. Blockade of the CD28/B7 pathway is required for the establishment of donor cell chimerism in CD40 ligand-deficient recipients. *Transplant Proc* 33(1-2): 115, 2001.
9. Tang JL, Woodward JE, Subbotin V, Logar AJ, Sun H, Valdivia LA, Schaefer AT, Zottola LB, Peach R, Fung JJ, **Rao AS**. Presentation of MHC-disparate donor antigens predominantly by the indirect pathway results in the development of posttransplant vasculopathy: salutary effects of perioperative costimulatory blockade. *Transplant Proc* 33(1-2): 307, 2001.
10. Sun H, Subbotin V, Woodward J, Valdivia L, Fung JJ, **Rao AS**. Role of MHC class I and CD8⁺ T cells in the pathogenesis of chronic rejection. *Transplant Proc* 33(1-2): 319, 2001.

11. Metes D, Morel PA, Nellis J, Fung JJ, **Rao AS**. Fc γ RIIC-13Q/STP polymorphism influences the antibody-dependent cytotoxic levels triggered by natural killer cells against pig aortic endothelial cells. *Transplant Proc* 33(1-2): 333, 2001.
12. Tang JL, Woodward JE, Subbotin V, Logar AJ, Valdivia LA, Schaefer AT, Zottola LB, Peach R, Fung JJ, **Rao AS**. Blockade of the CD28/B7 and CD40/CD40L costimulatory pathway does not ameliorate chronic rejection in a mouse aortic allograft model of direct antigen presentation. *Transplant Proc* 33(1-2): 382, 2001.
13. Metes D, Storkus WJ, Zeevi A, Watkins S, Patterson K, Nellis J, Logar A, Fung JJ, **Rao AS**. Use of autologous dendritic cells loaded with apoptotic LCL for *ex vivo* generation of EBV-specific CTL from the PBMC of EBV⁻ individuals. *Transplant Proc* 33(1-2): 441, 2001.
14. Shapiro R, **Rao AS**, Corry RJ, Valenti M, Zeevi A, Jordan ML, Scantlebury VP, Vivas CA, Jain A, McCauley J, Randhawa P, Gray EA, Dvorchik I, McMichael J, Fung JJ, Starzl TE. Kidney transplantation with bone marrow augmentation: five-year outcomes. *Transplant Proc* 33(1-2): 1134-5, 2001.
15. Kuddus R, Patzer JF, Lopez R, Mazariegos GV, Meighen B, Kramer DJ, Fung JJ, **Rao AS**. Evaluation of transmission of porcine retrovirus into patients subjected to hemoperfusion using an extracorporeal bioartificial liver support system. *Transplant Proc* 33(1-2): 1976, 2001.
16. Pham SM, **Rao AS**, Zeevi A, Kormos RL, McCurry KR, Hattler BG, Fung JJ, Starzl TE, Griffith BP. A clinical trial combining donor bone marrow infusion and heart transplantation: Intermediate-term results. *Journal of Thoracic and Cardiovascular Surgery* 119(4): 673-81, 2000.
17. Kuddus RH, Nalesnik MA, Subbotin VM, **Rao AS**, Gandhi CR. Enhanced synthesis and reduced metabolism of endothelin-1 (ET-1) by hepatocytes – an important mechanism of increased endogenous levels of ET-1 in liver cirrhosis. *J Hepatology* 33(5): 726-32, 2000.
18. Koike C, Friday RP, Nakashima I, Luppi P, Fung JJ, **Rao AS**, Starzl TE, Trucco M. Isolation of the regulatory regions and genomic organization of the porcine α 1,3-galactosyltransferase gene. *Transplantation* 70(9): 1275-83, 2000.
19. Gandhi CR, Kuddus RH, Uemura T, **Rao AS**. Endothelin stimulates transforming growth factor- α 1 and collagen synthesis in stellate cells from control but not cirrhotic rat liver. *Eur J Pharmacol* 406(3): 311-8, 2000.
20. Nardo B, Valdivia LA, Catena F, Cavallari G, Demetris AJ, **Rao AS**, Fung JJ, Starzl TE, Cavallari A. *Transplant Proc* 32(8): 2710-2, 2000.
21. Metes Diana, Storkus Walter, Zeevi Adriana, Watkins Simon, Patterson Kevin, Logar Allison, Rowe David, Nalesnik Michael A, Fung John J, Starzl Thomas E, **Rao AS**. *Ex vivo* generation of effective Epstein-Barr virus (EBV) – specific CD8⁺ cytotoxic T lymphocytes from the peripheral blood of immunocompetent EBV-seronegative individuals. *Transplantation* 70(10): 1507-15, 2000.

22. Gabriel A, Kuddus RH, **Rao AS**, Gandhi CR. Downregulation of endothelin receptors by transforming growth factor β 1 in hepatic stellate cells. *J Hepatology* 30:440-50, 1999.
23. Subbotin V, Sun H, Aitouche A, Salam A, Valdivia LA, Fung JJ, Starzl TE, **Rao AS**. Marked mitigation of transplant vascular sclerosis in FasL^{gld} (CD95L) mutant recipients. 1. The role of alloantibodies in the development of chronic rejection. *Transplantation* 67(10): 1295-1300, 1999.
24. Gandhi CR, Kuddus R, Subbotin VS, Prelich J, Murase N, **Rao AS**, Nalesnik MA, Watkins SC, DeLeo A, Trucco M, Starzl TE. A fresh look at augments of liver regeneration (ALR) in rats. *J Hepatol* 30(3): 440-50, 1999.
25. Salgar S, Shapiro R, Dodson F, Corry R, McCurry K, Zeevi A, Pham S, Abu-Elmagd K, Reyes J, Jordan M, Keenan R, Griffith B, Seskey T, Ostrowski L, Starzl TE, Fung JJ, **Rao AS**. Infusion of donor leukocytes to induce tolerance in organ allograft recipients. *J Leukoc Biol* 66(2):310-14, 1999.
26. Miki T, Subbotin V, Goller AP, Tandin A, **Rao AS**, Fung JJ, Valdivia LA. Role of UW solution and sodium nitroprusside in reperfusion of liver xenografts from guinea pig to rat. *Xenotransplantation* 6(2): 117-22, 1999.
27. Abu-Elmagd, Reyes J, Fung JJ, Mazariegos G, Bueno H, Martin D, Colangelo J, **Rao AS**, Demetris AJ, Starzl TE. Clinical intestinal transplantation in 1998: Pittsburgh experience. *Acta Gastroenterologica Belgica* 62:244-47, 1999.
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111. Rilo HLR, Carroll P, Shapiro R, Jordan M, Scantelbury V, Rastellini C, Fontes P, Phipps J, Alejandro R, Mintz D, Fung JJ, Ricordi C, Starzl TE, **Rao AS**. Human islet transplantation: Results of the first 35 patients. American Society of Transplant Physicians. Chicago, IL. May 14-17, 1995.
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118. Rastellini C, Rilo HLR, Fontes P, Behboo R, Carroll P, Ricordi C, Starzl TE, **Rao AS**. The effect of donor age on the outcome of islets isolated from human pancreata. Fifth International Congress on Pancreas and Islet Transplantation. Miami Beach, FL. June 18-22, 1995.
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134. Cicalese L, Rastellini C, **Rao AS**, Stanko RT. Pyruvate prevents mucosal reperfusion injury, oxygen free radical production and neutrophil infiltration after rat small bowel preservation and transplantation. Fourth International Symposium on Small Bowel Transplantation. Pittsburgh, PA. October 15-17, 1995.
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142. Qian S, Fung JJ, Fu F, Li Y, Gao L, Lu L, **Rao AS**, Thomson AW, Demetris AJ, Starzl TE. The role of MHC class I and class II antigens in sensitization of vascularized organ allografts. American Society of Transplant Physicians, 13th Annual Scientific Meeting. Chicago, IL. May 15-18, 1994.
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146. Carroll PB, Fontes P, **Rao AS**, Ricordi C, Rodriguez-Rilo HL, Behboo R, Karatzas T, Shapiro R, Zeevi A, Trucco M, Demetris AJ. Simultaneous solid organ, bone marrow and islet allotransplantation in type I diabetic patients. American Society of Transplant Physicians, 13th Annual Scientific Meeting. Chicago, IL. May 15-18, 1994.
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148. Shapiro R, **Rao AS**, Fontes P, Jordan M, Vivas C, Scantelbury V, Demetris AJ, Zeevi A, Rybka W, Trucco M, Starzl TE. Combined bone marrow transplantation - evidence for augmentation of micro-chimerism. American Society of Transplant Surgeons, 20th Annual Scientific Meeting. Chicago, IL. May 18-20, 1994.
149. Thomson AW, Lu L, Woo J, **Rao AS**, Li Y, Qian S, Demetris AJ, Starzl TE. Propagation of DC progenitors from normal mouse liver using GM-CSF and their maturational development in the presence of type-1 collagen. 3rd International Symposium on Dendritic Cells in Fundamental and Clinical Immunology. Annecy, France. June 19-23, 1994.
150. Lu L, Woo J, **Rao AS**, Li Y, Subbotin V, Starzl TE, Thomson AW. Mouse liver dendritic cells: Phenotypic characterization and demonstration of potent *in vitro* allostimulatory activity. The Transplantation Society, XVth World Congress. Kyoto, Japan. August 28 - September 2, 1994.
151. **Rao AS**, Fontes P, Demetris AJ, Zeevi A, Trucco M, Dodson F, Carroll PB, Rybka W, Shapiro R, Tzakis A, Jordan M, Todo S, Scantelbury V, Vivas C, Ricordi C, Fung JJ, Starzl TE. Bone marrow augmentation of donor cell chimerism at the time of kidney, liver, heart, and pancreas islet transplantation. The Transplantation Society, XVth World Congress. Kyoto, Japan. August 28 - September 2, 1994.
152. Zeevi A, Pavlick M, Lombardozzi S, Banas R, Pappo O, **Rao AS**, Fontes P, Demetris AJ, Shapiro R, Dodson F, Starzl TE. Serial evaluations of immune profile of simultaneous bone marrow and whole organ transplant recipients. The Transplantation Society, XVth World Congress. Kyoto, Japan. August 28 - September 2, 1994.
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158. Lombardozzi S, Pavlick M, Banas R, Pappo O, Shapiro R, Jordan M, Scantelbury V, **Rao AS**, Fontes P, Demetris AJ, Fung JJ, Starzl TE, Zeevi A. Monitoring immune reactivity in bone marrow augmented kidney recipients. American Society for Histocompatibility and Immunogenetics, 20th Annual Meeting. Pittsburgh, PA. October 21-26, 1994.
159. Pavlick M, Lombardozzi S, Pappo O, Banas R, **Rao AS**, Fontes P, Dodson F, Demetris AJ, Fung J, Starzl TE, Zeevi A. Serial *in vitro* studies in bone marrow augmented liver transplant recipients. *Hum Immunol* 40(1):121, 1994.
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161. Pan F, Valdivia LA, Tsugita M, Celli S, Demetris AJ, Sun H, **Rao AS**, Fung JJ, Starzl TE. Non-MHC restriction in the protection from humoral rejection given by a hepatic xenograft. *Hum Immunol* 40(1):171, 1994.
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163. Behboo R, Lancaster JR, Jr, Nussler A, **Rao AS**, Ricordi C. The role of nitric oxide in primary non-function of islet xenotransplantation (human to rat). *Hum Immunol* 40(1):170, 1994.
164. Behboo R, Memarzadeh S, Zeevi A, Carroll PB, Conrad B, Rastellini C, **Rao AS**, Ricordi C. Prolonged survival of viable human islets in serum free media. *Hum Immunol* 40(1):141, 1994.
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169. Subbotin VM, Nikolaidis NL, **Rao AS**, Fung JJ. The effect of FK506 on carbon tetrachloride induced acute hepatic injury in rats. *Hepatology* 20(4):404A, 1994.
170. Fontes P, Ricordi C, **Rao AS**, Ukah FO, Mullen E, Vasko C, Kocova M, Trucco M, Demetris AJ, Fung JJ, Starzl TE. Human to baboon bone marrow transplantation after conditioning with non-lethal irradiation. *Cell Transplant* 3(3):225, 1994.
171. **Rao AS**, Fontes P, Ricordi C, Tzakis AG, Shapiro R, Zeevi A, Dodson FS, Rybka WB, Trucco M, Demetris AJ, Scantelbury V, Carroll PB, Rohal S, Fung JJ, Starzl TE. Combine bone marrow and whole transplantation from the same donor. *Cell Transplant* 3(3):229, 1994.
172. **Rao AS**, Morris PJ, Austyn JM. Identification of dendritic cell precursors in mouse kidneys. First International Congress on Transplantation in Developing Countries, Singapore. April 20 - May 3, 1992.
173. **Rao AS**, Roake JA, Hankins DF, Larsen CP, Morris PJ, Austyn JM. Isolation, characterization, and functional properties of dendritic cells isolated from mouse kidneys and hearts. Second International Symposium on Dendritic Cells in Fundamental and Clinical Immunology. Amsterdam, the Netherlands. June 21-25, 1992.
174. Roake JA, **Rao AS**, Hankins DF, Larsen CP, Morris PJ, Austyn JM. Cytokine mediators of non-lymphoid dendritic cell migration. Second International Symposium on Dendritic Cells in Fundamental and Clinical Immunology. Amsterdam, the Netherlands. June 21-25, 1992.
175. **Rao AS**, Roake JA, Larsen CP, Morris PJ, Austyn JM. Functional characterization of dendritic cells in mouse kidneys and hearts. The Transplantation Society, 14th International Congress. Paris, France. August 16-21, 1992.
176. Charness ME, **Rao AS**, Hu G, Hilton-Clarke I, Henteleff M. Ethanol up-regulates G_o an in N1E-115 cells. *Alcohol Clin Exp Res* 15:334, 1991.

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178. Parke C, Cook J, Carton T, **Rao S**. The Louisiana Clinical Data Research Network: Leveraging Regional and national Resources to Improve Clinical Research Efficiency. The Ochsner Journal, 14:708-723, 2014

PROFESSIONAL ACTIVITIES

A. Teaching

Biology Strayer University	Undergraduate and Graduate Students
Health Services Organization & Management Strayer University	Graduate Students
Health Economics Strayer University	Graduate Students
Immunology/Cancer Biology Middle Tennessee State University	Undergraduate and Graduate Students
Immunology Drexel University College of Medicine	2 nd Year PIL Medical Students
Immunology Drexel University College of Medicine	1 st Year IMF Medical Students
Ethics Drexel University	Undergraduates and Graduates
Transplantation Immunology University of Pittsburgh School of Medicine	Graduate Students
Immunology University of Pittsburgh School of Medicine	1 st Year Medical Students
Pathophysiology (Problem Based Learning) University of Pittsburgh School of Nursing	1 st and 2 nd Year Nursing Students
Host Defense Mechanism (Immune System) University of Pittsburgh School of Nursing	3 rd Year Nursing Students
Immunology University of Pittsburgh School of Nursing	1 st and 2 nd Year Nursing Students
Surgical Physiology Oxford University	3 rd and 4 th Year Medical Students
Medical Physiology Boston University School of Medicine	1 st and 2 nd Year Medical Students

Medical Physiology
The Aga Khan University School of Medicine

1st Year Medical Students

Medical Physiology
Dow Medical College

1st and 2nd Year Medical Students

B. Supervision/Mentoring

I: Faculty and Fellows

Abdelouahab Aitouche, Ph.D.	Research Associate
Roubik Behboo, M.D.	Research Fellow
Xin Cai, M.D.	Research Fellow
Yong Chen, M.D.	Research Fellow
Luca Cicalese, M.D.	Instructor of Surgery
Paulo Fontes, M.D.	Visiting Assistant Professor
Kalpna Gupta, Ph.D.	Visiting Instructor
Anand Iyengar, Ph.D.	Senior Research Fellow
Mohammed Khan, M.B.B.S.	Research Fellow
Ruhul Kudus, Ph.D.	Research Associate
Cristiana Rastellini, M.D.	Visiting Instructor of Surgery
Diana Metes, M.D.	Research Assistant Professor
Horacio L.R. Rilo, M.D.	Visiting Assistant Professor
Jeffrey Rogers, M.D.	Research Fellow
Abdus Salam, M.D., Ph.D.	Research Fellow
Shashikumar Salgar, Ph.D.	Visiting Assistant Professor
Marco Spada, M.D.	Research Fellow
Vladimir Subbotin, M.D., Ph.D.	Visiting Assistant Professor
Hong Sun, M.D.	Research Assistant Professor
Jianlin Tang, M.D.	Research Instructor
Gero Tenderich, M.D.	Research Fellow
Jennifer Woodward, Ph.D.	Research Assistant Professor
Wael Yacoub, M.D.	Post-doctoral Fellow
Yi-Horng Lee, M.D.	Research Fellow
John McMichael	Research Assistant Professor
Igor Dvorchik, Ph.D.	Research Instructor
William Irish, Ph.D.	Research Instructor

II: Pre-Doctoral/Doctoral Students/Research Assistants

Euan Cameron
Christopher Chen
Timothy Daskivich (currently MD/PhD student at U Penn, Philadelphia, PA, USA)
Mihir Gandhi (currently senior at Duke University, Durham, NC, USA)
April Goller (currently second year student, School of Osteopathy, Erie, PA, USA)
Dinakar Golla (currently second year surgical resident, University of Texas, Houston, TX)
Regina Leach
Chad Mattes
Sanaz Memarzadeh (currently fourth year medical student, University of Pittsburgh)
Manisha Naik
Sarah O'Brien
Amy Ruscin

Roger Sequeira
Hillary Shapiro
Erin Sikora
Julie Stazer
Nicole Trybus
Chad Morris
Troy Seskey (currently ICU Nurse, West Penn Hospital, Pittsburgh, PA, USA)
Mark Braun (currently Research Associate, University of Chicago, IL, USA)
Kevin Patterson (currently second year medical student, University of New York, NY, USA)
Lisa Bench
Adam Schaeffer (accepted Fall 2000, School of Dentistry, University of Pittsburgh, PA)
Joseph Nellis (accepted Fall 2000, School of Osteopathy, Erie, PA, USA)
Benjamin Meighen (currently freshman for PA program, Beaver College, Philadelphia, PA)
Allison Logar
Carol Korbanic
Charlie Vasko
Mary Tarara
Maria T. Rugeles

III: Programmers/Data Entry Specialist/Medical Informatics

Janet Schmeltzer (Senior Programmer, SQL)
Polly Farris (Senior Programmer, Data Ease)
Anna Marie Rabier (Quality Control Manager)
Dolly Martin (Research Associate, Small Bowel Data Management Program)
Cynthia Eubanks (Research Associate, Kidney/Pancreas Data Management Program)
Allyson Harnaha (Research Associate, UNOS Liver and Intestinal Transplant Program)
Annette Creamer (Research Associate, UNOS Kidney/Pancreas Transplant Program)
Maria Valenti (Data Manager, Clinical Trials)
Amy Cheskey (Senior Programmer, SQL)
Edward Gray (Consultant, SQL Programming)
Steven Parker (PC Technician)
Christopher Edwards (Audiovisual Assistant)
Zeeshaw Babar (Audiovisual Assistant)
Arnold Smolen, PhD (Associate Dean for IT)
George Zieset (Director, IT)
Robert Munstermann (Web Master)
Lynette Hammond (Web Master)
Boumik Mamania (Web Developer)
Mohammed Kamran Anis (Web Developer)

IV: Clinical Research

Lynn Ostrowski, RN, BSN, CCRC
Sheila Fedorek, RN, BSN, CCRC
Julie Shurer, RN, BSN

Diane Mortan, RN, BSN
Cynthia Shelkey, RN, BSN
Melanie Naparitz, RN, BSN
Maria France, RN, BSN
Patricia Parks, RN, BSN
Donna Jones, RN, BSN (Director, Clinical Research Group)
Thomas Parsons, RN, BSN (Manager, Clinical Research Group)

V: Graduate Education

Drexel University:

Barry Waterhouse, PhD (Professor and Associate Dean for Biomedical Graduate Studies)
Julian Mesina, DVM, PhD (Director, Office of Professional Studies Programs)
Laurie Cato, MBA (Executive Director, Professional Studies Programs)
Tara Sarica (Manager, Office of Biomedical Graduate Studies)
Michelle Morales (Program Coordinator, Office of Biomedical Graduate Studies)
Tara Baracle (Program Coordinator, Office of Biomedical Graduate Studies)
Julie Ciciarelli (Marketing Specialist, Office of Biomedical Graduate Studies)
Raheel Siddiqui, MBA (Program Coordinator, Office of Biomedical Graduate Studies)
Farah N. Hassan (Program Intern, Office of Biomedical Graduate Studies)

Middle Tennessee State University:

Peter Cunningham, Ed.D (Interim Associate Dean, College of Graduate Studies)
Pamela Knox, PhD (Associate Dean, College of Graduate Studies)
Michele Luter (Executive Assistant)
Lisa Mitchell (Office Manager, College of Graduate Studies)
Rick Henegar (Marketing and Publications Coordinator, College of Graduate Studies)
Lynn Parker (Program Liaison, College of Graduate Studies)
Anita Hermes (Program Liaison, College of Graduate Studies)
Grace Prater (Program Liaison, College of Graduate Studies)
Glenda Vandygrift (Program Liaison, College of Graduate Studies)
Cecilia Livingston (Program Liaison, College of Graduate Studies)
Melissa Newell (secretary, College of Graduate Studies)
Angela Wells (Docushare Coordinator, College of Graduate Studies)

VI: Research Administration/Other

University of Pittsburgh:

Paul Descutner (Currently Administrator, University of Virginia, Richmond, VA, USA)
Timothy Burnett (Divisional Administrator)
Art DeMateo (Expense Administrator)
Chris Evangelist (Grants Administrator)
Renee Collington (Billing Administrator)
Elaine Sico (Procurement Coordinator)

Drexel University:

Heather Haberle, MSH (Director, Office of Research and Graduate Studies)
Maya Yiadom (Manager, Office of Research and Graduate Studies)
Jan Schaeffer (Manager, Office of Research and Graduate Studies)
Richard Huneke, DVM, ACLAM (Director, University Laboratory Animal Resources)
Andrea Scarry, MLAS (Manager, University Laboratory Animal Resources)
Rovena Mitchell (Financial Administrator, University Laboratory Animal Resources)
Janet Schulenberg (Vet Technician, University Laboratory Animal Resources)
Mary Victor (Vet Technician, University Laboratory Animal Resources)

Middle Tennessee State University:

Robert Carlton, PhD (Associate VP, Office of Research and Sponsored Projects [ORSP])
Andrienne Friedli, PhD (Interim Director, Special Projects, ORSP)
Myra Norman, PhD (Director, ORSP)
Wasimuddin Qureshi, MD, MSHSM (Assistant Director ORSP)
Christopher Crowell, EdD (Program Specialist, ORSP)
Samantha Cantrell, PhD (Program Specialist, ORSP)
Trish Craft, MA (Program Specialist, ORSP)
Tammy Wiseman (Director, Fiscal Management)
Margie Fanning (Fiscal Manager, ORSP)
Jeannie Paul (Grant Fiscal Clerk, ORSP)
Kim Collins (Secretary, ORSP)

Office of Compliance, MTSU:

Tara Prairie, MS (Compliance Officer)

Tennessee Center for Child Welfare, MTSU:

Stacey Borasky, PhD (Executive Director)
Trish Craft (Associate Executive Director)
Lou Martinez (Pre-Service Director)
Barbara Middleton (In-Service Director)
Sherry Haines (Regional Manager)
Debbie Elijah (Regional Manager)
Steve Saunders (Regional Manager)
Valerie Handy (Program Manager)
Mary Ellen Marks (Program Specialist – Juvenile Justice)
Ronald Bailey (Program Specialist – Child Safety)
David Smith (Video Production Manager)
Susan Lee (In-Service Liaison)
Beverly Quinn (Program Coordinator)
Evelyn Jared (Program Coordinator)
Savitri Matthews (Secretary)

C. Current Extramural Appointments of Previously Supervised/Mentored Faculty/Fellows:

Cristiana Rastellini, MD.	Director, Section of Cellular Transplantation Department of Surgery University of Illinois at Chicago Chicago, IL, USA (Since 1998)
Abdelouahab Aitouche, Ph.D.	Director of Research Division of Cardiothoracic Surgery University of Miami Florida Miami, FL, USA (Since 1998)
Roubik Behboo, M.D.	Assistant Professor Department of Surgery University of Padova Padova, ITALY (Since 1996)
Luca Cicalese, M.D.	Director, Small Bowel Transplantation Department of Surgery University of Illinois at Chicago Chicago, IL, USA (Since 1998)
Anand Iyengar, Ph.D	Research Assistant Professor Department of Medicine Harvard Medical School Boston, MA, USA (Since 1998)
Jeffrey Rogers, M.D.	Assistant Professor Department of Surgery Medical College of South Carolina Charleston, SC, USA (Since 1999)
Shashikumar Salgar, Ph.D	Director of Research Division of Transplantation Surgery University of Miami Florida Miami, FL, USA (Since 1999)

Maria T. Rugeles, Ph.D

Assistant Professor
Department of Immunology
Universidad de Antioquia
Medellin, Columbia

SEMINARS AND INVITED LECTURESHIPS:

1. Success factors in obtaining ACGME-accredited residency position in United States. Kaplan Educational Center. 2012. Chicago, Illinois.
2. The importance of Phase I clinical trials in the advancement of drug discovery and innovation. Institutional Review Boards Retreat, Ochsner Health System. 2012. New Orleans, Louisiana.
3. How to be successful in obtaining ACGME-accredited residency position in North America. King Abdulaziz University. 2012. Jeddah, the Kingdom of Saudi Arabia.
4. Primary and secondary requirements of institutional accreditation by NCAAA and its correlation with accreditation by regional agencies in United States of America. University of Tabuk. 2012. Tabuk, the Kingdom of Saudi Arabia.
5. Developing a successful university-wide strategic plan. A workshop delivered to senior academic and administrative leadership. University of Ha'il. 2011. Ha'il, the Kingdom of Saudi Arabia.
6. Developing a successful university-wide strategic plan. A workshop delivered to senior academic and administrative leadership. Al-Jouf University. 2011. Al-Jouf, the Kingdom of Saudi Arabia.
7. Post-graduate medical training in North America – ACGME-accredited residency and training program. University of Tabuk. 2011. Tabuk, the Kingdom of Saudi Arabia.
8. Professional development of faculty – a cradle to grave workshop for senior academic and administrative leadership. University of Tabuk. 2011, Tabuk, the Kingdom of Saudi Arabia.
9. Importance of establishing a Q-bank for assessment of students. University of Tabuk, 2011. The Kingdom of Saudi Arabia.
10. Anatomy of multiple-choice questions in basic and clinical sciences – workshop for faculty, Faculty of Medicine, University of Tabuk. 2011. Tabuk, the Kingdom of Saudi Arabia.
11. Development and implementation of strategic plan and key performance indicators – a two-day workshop for faculty and staff. University of Tabuk. 2010. Tabuk, the Kingdom of Saudi Arabia.
12. Meeting LCME accreditation standards – the three-step process. University of Tabuk, 2010. Tabuk, the Kingdom of Saudi Arabia.
13. The future of research in Qatar – practical steps for enhancing discovery and innovation in the Gulf region. Qatar University. 2009, Doha, Qatar
14. The nuts and bolts of a quality scientific publication – a workshop for faculty and graduate students. Dow University of Health Sciences. 2009. Karachi, Pakistan.

15. Writing successful grant application – a workshop for faculty and graduate students. Dow International University. 2009, Karachi, Pakistan
16. Interdisciplinary education and training in medicine – a vital step forward. Dow International University. 2009. Karachi, Pakistan
17. Incidence of HIV-AIDS in high-risk African American females. Miracle of Love. 2009. Orlando, Florida
18. The landscape of research and scholarship in South Africa. University of KwaZulu-Natal. 2008. Durban, South Africa
19. The importance of early integration of medical, nursing and pharmacy education and training – simulating real-time clinical environment. University of Miami, School of Medicine. 2007. Miami, Florida
20. Developing and implementing an inter-professional education and training program in Florida. Rotary International Club of Tampa. 2006. Tampa, Florida
21. The importance of research in enhancing medical education and training – University of South Florida experience. Florida State Legislature. 2006. Tallahassee, Florida.
22. The Responsive PhD: Innovation in U.S. Doctoral Education. Annual Meeting of the Tennessee Conference of Graduate Deans. 2005. Knoxville, Tennessee.
23. The Vision of Excellence in Research and Graduate Education – Tennessee Board of Regent. Oak Ridge Associated Universities. 2005. Oak Ridge, Tennessee.
24. The Vision of Excellence in Research and Graduate Education – Tennessee Board of Regent. Oak Ridge National Laboratory. 2005. Oak Ridge, Tennessee.
25. The Tennessee Board of Regent’s Vision of Excellence in Research and Graduate Education. Quarterly Tennessee Board of Regents Meeting. 2005. Harriman, Tennessee.
26. Evolving Role of Graduate Deans. Annual Meeting of the Conference of Southern Graduate Schools, 2005. Biloxi, Mississippi.
27. State of Graduate Education in Tennessee. Annual Meeting of the Tennessee Conference of Graduate Deans. 2004. Nashville, Tennessee.
28. The Vision of Excellence in Research and Graduate Education – Tennessee Board of Regent. Annual Meeting of the Tennessee Conference of Graduate Deans. 2004. Nashville, Tennessee.
29. Speaker at the Fourth International Freiburg Symposium on Molecular Hematology: Cells, Genes and Therapy. Topic: Infusion of donor bone marrow to induce tolerance in allograft recipients: is the strategy efficacious? February 24-26, 2000. Freiburg, Germany.

30. Association of American Medical Colleges, Group on Research Advancement and Development Annual Meeting. May 7-8, 2000. Washington, D.C.
31. The incidence of PTLD in bone marrow augmented organ transplant recipients. American Society of Transplantation Surgeons and the American Society of Transplantation, First Joint Annual Meeting. May 13-17, 2000. Chicago, IL.
32. Microchimerism in Organ Transplant Recipients. Speaker at the NICHD-sponsored workshop on The Role of Fetal-maternal Cell Trafficking, Detroit, MI, July 27-29, 2000.
33. Bone Marrow Augmentation in Organ Transplant Recipients: Effect on Acute and Chronic Rejection. Speaker at the Clinical Lectureship Series, Fred Hutchinson Cancer Research Center, Seattle, WA, August 01, 2000.
34. Experimental models of transplantation tolerance. Transplantation Grand Rounds, Division of Transplantation, Health Resources and Services Administration, National Institutes of Health. February 18, 1999. Washington, DC.
35. Clinical trial for induction of transplantation tolerance. Transplantation Grand Rounds, Division of Transplantation, Health Resources and Services Administration, National Institutes of Health. February 18, 1999. Washington, DC.
36. Isolation of bone marrow from vertebral bodies. Transplantation Grand Rounds, Division of Transplantation, Health Resources and Services Administration, National Institutes of Health. February 18, 1999. Washington, DC.
37. UPP Retreat: Corporate Conference. March 18, 1999. Pittsburgh, PA.
38. Contemporaneously administered rhCTLA4-Ig and α -CD40L mAb results in indefinite islet allograft survival. Fourth International Congress the Cell Transplant Society. March 23, 1999. Montreux, Switzerland.
39. Reduced incidence of acute and chronic rejection in bone marrow-augmented organ transplant recipients. Fourth International Congress the Cell Transplant Society. March 22, 1999. Montreux, Switzerland.
40. Combined use of FK506 and Leflunomide (LEF) prolongs islet allograft survival. Fourth International Congress the Cell Transplant Society. March 23, 1999. Montreux, Switzerland.
41. Induction of donor-specific tolerance by bone marrow infusion in organ allograft recipients. Experimental Biology 99. April 21, 1999. Washington, DC.
42. Molecular alteration of porcine tissues to overcome hyperacute rejection following discordant xenotransplantation. Plenary Session: Vth Congress International Liver Transplantation Society. August 27, 1999. Pittsburgh, PA.

43. Organ and tissue presentation: best practices for managing costs and successful outcomes. Cambridge Health Resources. September 23-24, 1999. Orlando, FL.
44. Successful xenotransplantation: A challenge for the new millennium. Transplantation into the New Millennium. Inova Institute of Research & Education. October 2, 1999. Fairfax, VA.
45. The role of microchimerism after solid organ transplantation. First International Symposium on Microchimerism in Human Diseases. October 8, 1999. Paris, France.
46. Transplantation tolerance: A challenge for the new millennium. The University of Pittsburgh Medical Center Shadyside Auxiliary. December 8, 1999. Pittsburgh, PA.
47. New insights into post-transplant vascular sclerosis. January 25-27, 1998. II International Congress on Transplantation, Kidney Diseases & Critical Care. Ahmedabad, India.
48. Immunological tolerance in transplantation: Biologic modulation. January 25-27, 1998. II International Congress on Transplantation, Kidney Diseases & Critical Care. Ahmedabad, India.
49. Transplant vascular sclerosis: Is it immune mediated? March 6, 1998. Annual Meeting of the Belgian Transplantation Society. Brussels, Belgium.
50. Immune modulation by combined donor bone marrow and organ allotransplantation. March 7, 1998. Annual Meeting of the Belgian Transplantation Society. Brussels, Belgium.
51. Chimerism and Donor Specific Tolerance. April 21, 1998. Fujisawa Healthcare, Inc. Grand Rounds. Chicago, IL.
52. Pancreatic Islet Cell Transplantation. April 21, 1998. Fujisawa Healthcare, Inc. Grand Rounds. Chicago, IL.
53. Xenotransplantation. April 21, 1998. Fujisawa Healthcare, Inc. Grand Rounds. Chicago, IL.
54. Chronic Rejection. April 21, 1998. Fujisawa Healthcare, Inc. Grand Rounds. Chicago, IL.
55. New Software for Transplant Database. April 21, 1998. Fujisawa Healthcare, Inc. Grand Rounds. Chicago, IL.
56. Bone marrow augmentation. September 18, 1998. Thomas E. Starzl Transplantation Institute Fourth Annual Conference 1998. Pittsburgh, PA.
57. Augmentation of chimerism in organ allograft recipients. September 24-28, 1998. 5th International Symposium on Dendritic Cells in Fundamental and Clinical Immunology. Pittsburgh, PA.
58. An attempt to wean and/or withdraw immunosuppression in organ transplant recipients. October 28, 1998. Golden Triangle Chapter of the International Transplant Nurses Society. Pittsburgh, PA.

59. Immune modulation in organ transplant recipients. October 31-November 4, 1998. Annual Meeting of the American Association of Blood Banks. Philadelphia, PA.
60. Donor cell chimerism and its role in transplantation tolerance. February 3-5, 1997. 8th Walter Brendel Symposium on Applied Immunology and Microcirculation. Axams, Austria.
61. The use of chimeric donors for xenotransplantation across discordant species. February 20, 1997. Three Rivers Branch of the American Association for Laboratory Animal Science. University of Pittsburgh, Pittsburgh, PA.
62. The generation of chimeric/transgenic porcine donors for xenotransplantation across discordant barriers. March 10, 1997. Transplantation Grand Rounds, University of Pittsburgh Medical Center, Pittsburgh, PA
63. Microchimerism and its role in the induction of transplantation tolerance. April 10-12, 1997. 5th International Symposium on Recent Advances in Hematopoietic - Stem Cell Transplantation: Clinical progress, new technology and gene therapy. San Diego, CA.
64. Islet cell transplantation. May 24, 1997. Thomas E. Starzl Transplantation Institute Third Annual Conference 1998. Pittsburgh, PA.
65. Evidence for long-term persistence of donor cell chimerism after baboon→neonatal pig bone marrow xenotransplantation. September 7-11, 1997. The 4th International Congress for Xenotransplantation. Nantes, France.
66. Outcome analysis of a clinical trial involving adjuvant bone marrow infusion in clinical organ transplant recipients. October 14-19, 1997. American Society for Histocompatibility and Immunogenetics, 23rd Annual Meeting, Atlanta, GA.
67. Tolerance induced by prior liver transplantation in mice prevents chronic rejection of subsequently transplanted aortic allografts. October 14-19, 1997. American Society for Histocompatibility and Immunogenetics, 23rd Annual Meeting, Atlanta, GA.
68. Reversal of chronic rejection in mouse aortic allografts by combined treatment with CTLA-Ig and anti-CD40L monoclonal antibody. October 14-19, 1997. American Society for Histocompatibility and Immunogenetics, 23rd Annual Meeting, Atlanta, GA.
69. Joint American Society of Transplant Surgeons and American Society of Transplant Physicians Task Force on Transplantation Tolerance. October 23-24, 1997. Chicago, IL.
70. Bone marrow induced chimerism and tolerance: Its relevance to allogeneic and xenogeneic organ transplantation. November 14, 1997. University of Pittsburgh Cancer Institute Hematology BMT Seminar. Pittsburgh, PA.
71. Chronic rejection and indirect antigen presentation: A resolving conundrum. December 5, 1997. Transplant Lecture Series. University of Pittsburgh, Pittsburgh, PA.

72. Emerging Opportunities in Scleroderma Research. December 8-9, 1997. National Institutes of Health. Bethesda, MD.
73. Prevention of chronic rejection in mouse aortic allografts by combined treatment with CTLA4-Ig and anti-CD40L monoclonal antibody. December 11-13, 1997. The International Congress on Immunosuppression, Orlando, FL.
74. Adjuvant bone marrow infusion in clinical organ transplant recipients. December 11-13, 1997. The International Congress on Immunosuppression, Orlando, FL.
75. Xenotransplantation: The Pittsburgh Experience. June 18-19, 1996. 33rd Congress of the European Dialysis and Transplant Association (EDTA), Amsterdam.
76. Islet Cell Transplantation. April 13, 1996. Pittsburgh Transplantation Institute Conference 1995. Pittsburgh, PA.
77. Simultaneous bone marrow and whole organ transplantation: Evidence for augmentation of donor cell chimerism. Tolerance Induction Symposium. Breckenridge, CO. January 22-25, 1995.
78. Transplantation tolerance. Department of Surgery Research Conference, University of Pittsburgh. February 8, 1995
79. Chimerism augmentation in whole organ recipients with perioperative bone marrow infusion. The New York Academy of Sciences. March 15-18, 1995. Orlando, FL.
80. An attempt to augment chimerism by combined donor bone marrow and orthotopic liver transplantation. American Society of Transplant Surgeons. Chicago, IL. May 17-19, 1995.
81. Frontiers in transplantation. Hepatology and Liver Transplantation 1995. April 8, 1995. Pittsburgh, PA.
82. Chimerism and its role in transplantation tolerance. Fifth International Post-Graduate Course on Hepato-Pancreato-Biliary Surgery. April 27-28, 1995. Padova, Italy.
83. Chimerism: What role does it have in transplantation tolerance? Critical Care Medicine Training Program, University of Pittsburgh. May 4, 1995. Pittsburgh, PA.
84. Evolution in Transplant Surgery. XXIth Pio Manzu' Conference. October 14-17, 1995. Rimini, Italy.
85. Microchimerism: The Pittsburgh Experience. Sandoz in Transplantation: Now and Beyond 2000. December 5-6, 1995. Basel, Switzerland.
86. Induction of transplantation tolerance: Our friends and foes. December 14, 1995. University of Antioquia, Medellin, Colombia.

87. Clinical application of basic concepts in transplantation immunology. December 15, 1995. University of Antioquia, Medellin, Colombia.
88. Endotoxin appears to induce migration of non-lymphoid dendritic cells. Second Basic Sciences Symposium of the Transplantation Society, September 4-6, 1991. Oxford, UK.
89. Identification of dendritic cell precursors in mouse kidneys. First International Congress on Transplantation in Developing Countries. April 29 - May 3, 1992. Singapore.
90. Isolation, characterization and functional properties of dendritic cells isolated from mouse kidneys and hearts. Second International Symposium on Dendritic Cells in Fundamental and Clinical Immunology, June 21-25, 1992. Amsterdam, the Netherlands.
91. Cytokine mediators of non-lymphoid dendritic cell migration. Second International Symposium on Dendritic Cells in Fundamental and Clinical Immunology, June 21-25, 1992. Amsterdam, the Netherlands.
92. Functional characterization of dendritic cells in mouse kidneys and hearts. 14th International Congress of the Transplantation Society, August 16-21, 1992. Paris, France.
93. Simultaneous infusion of bone marrow into recipients of solid organ allografts. Grand Rounds, Department of Surgery, University of Pittsburgh. January 8, 1994. Pittsburgh, PA.
94. Bone marrow and whole organ transplantation from the same donor. Cell Transplant Society, Second International Congress. May 1-4, 1994. Minneapolis, MN.
95. Simultaneous infusion of bone marrow at the time of whole organ transplantation. 12th European Immunology Meeting. June 14-17, 1994. Barcelona, Spain.
96. Microencapsulation of human pancreatic islets. Department of Applied Chemistry and Chemical Engineering, Southwestern Research Institute. July 28, 1994. San Antonio, Texas.
97. Bone marrow augmentation of donor cell chimerism at the time of kidney, liver, heart, and pancreas islet transplantation. XVth World Congress of the Transplantation Society. August 28-September 2, 1994. Kyoto, Japan.
98. Chimerism and organ allograft acceptance. Pittsburgh Transplantation Institute's Lecture Series. October 21, 1994. Pittsburgh, PA.
99. Simultaneous infusion of bone marrow at the time of whole organ transplantation. 20th Annual Meeting of the American Society of Histocompatibility and Immunogenetics. October 21-26, 1994. Pittsburgh, PA.
100. Simultaneous infusion of bone marrow with organ transplantation. UNOS Region II Meeting. October 27, 1994. Baltimore, MD.

101. Simultaneous infusion of donor bone marrow at the time of orthotopic liver transplantation: Evidence for the induction of donor-specific non-reactivity and augmentation of chimerism. 45th Annual Meeting of the American Association for the Study of Liver Diseases. November 11-15, 1994. Chicago, IL
102. Isolation and characterization of dendritic leukocytes in mouse non-lymphoid organs. Department of Surgery, Duke University, January 14, 1993. Durham, NC.
103. The role of dendritic cells in alloantigen recognition. Department of Surgery, University of Wisconsin. January 16, 1993. Madison, WI.
104. Simultaneous bone marrow and whole organ transplantation. International Liver Meeting. October 7, 1993. Toronto, Canada.

OTHER RESEARCH/ACADEMIC RELATED ACTIVITIES:

Reviewer	Immunology, 1993 - present
Reviewer	Transplantation, 1994 - present
Reviewer	Surgery, 1996 - present
Reviewer	Nature Medicine, 1997 - present
Reviewer	Life Sciences, 1997 - present
Reviewer	Liver Transplantation Surgery, 1998 - present
Editor	Textbook of Transplantation Immunology Series; "Methods in Molecular Medicine" Publishers: Humana Press, USA
Editorial Board	Transplantation, 1997 - present
Editorial Board	Graft, 1998 - present
Review Panel	MS1 Immunology Teaching Block University of Pittsburgh School of Medicine
External Reviewer	The Israel Science Foundation Jerusalem, Israel
External Reviewer	International Human Frontier Science Program Strasbourg, France
Member/Reviewer	Special Emphasis Panel (1999) NIAID National Institutes of Health
Member/Reviewer	Special Emphasis Panel (1999) Immunology Program Project Application National Institutes of Health
Panel Member	Agenda for Post-Transplant Lymphoproliferative Disease (PTLD) Conference Organized by: ASTP/ASTS Scientific Studies Ad Hoc PTLD Subcommittee November 11-12, 1998 Bethesda, MD

Member	Advisory Board The V th International Congress for Xenotransplantation October 24-28, 1999 Nagoya, Japan
Member	Membership Committee Cell Transplant Society
Co-Director	Renal Transplantation Seminar Pittsburgh Institute Conference 1995. Pittsburgh, PA. April 11-13, 1996
Co-Chair	Clinical Tolerance (Heart and Lung) XVth Internal Congress of the Transplantation Society. Kyoto, Japan. August 27 - September 3, 1994.
Co-Chair	Xenotransplantation I American Society of Transplant Physicians Chicago, IL. May 10-14, 1997
Co-Chair	Laboratory Medicine Session 2nd International Symposium on Urology, Nephrology & Transplantation of SIUT Karachi, Pakistan. March 20-23, 1996
Co-Chair	Cell Transplantation Based-Clinical Trials Fourth Congress of the Cell Transplant Society March 21-24, 1999 Montreux, Switzerland
Co-Chair	Tissue Injury I American Society of Transplantation May 15-19, 1999
Co-Chair	Organizing Committee Fifth Congress International Liver Transplantation Society August 26-29, 1999 Pittsburgh, PA
Co-Chair	Immunobiology/Basic Sciences/Xenotransplantation Fifth Congress International Liver Transplantation Society August 26-29, 1999 Pittsburgh, PA
Member	AST/ASTS Basic Sciences Award Committee AST 2000 Awards

Member	American Society of Transplantation Awards Committee May 2000 through May 2003
Reviewer	Surgery, Anesthesiology and Trauma Study Section National Institutes for Health 2000
Member	Vice President's for Research Group Association of Academic Health Centers January 2008 - present

CURRENT/PAST RESEARCH INTERESTS:

1. The role of chimerism in the induction and maintenance of tolerance.
2. Augmentation of chimerism by simultaneous and multiple bone marrow and whole organ transplantation from the same donor (on-going clinical trial).
3. The use of Thymidine Kinase Obliterative (TKO) transgenic mice to highlight the importance of sustained chimerism and its role in allograft acceptance.
4. Isolation, characterization, and *in vitro* propagation of dendritic cells from mouse liver.
5. Improving culture conditions for human pancreatic islets.
6. Microencapsulation of human and rodent pancreatic islets: Immunoisolation as a means for islet cell acceptance.
7. Xenotransplantation across discordant barriers.
8. UREAS antigen: Its role in hepatic encephalopathy.
9. Augmenter of liver regeneration: A growth factor with pleiotropic effects.
10. Cellular immunotherapy for post-transplant lymphomas in organ transplant recipients.
11. Coronary artery disease after heart transplantation.
12. Post-transplant chronic rejection in lungs, kidneys, and liver.
13. Clinical islet cell transplantation for the treatment of type I insulin-dependent diabetes mellitus.
14. Use of convalescent plasma in the treatment of patients with COVID-19
15. Use of Phage in the treatment of multiple drug-resistant *Acinetobacter baumannii* infection

MARKETING & PUBLIC RELATIONS

October 2021:

- Channel 5 Interview
 - Level of Antibodies and Predictor of Immunity in Subjects Vaccinated with COVID-19 Vaccine
- Interview with KRGV
 - Breast Cancer Awareness
- Facebook Live
 - SWOG Cancer Research Network
 - COVID-19 vaccines in children

September 2021:

- CBS Interview
 - Monoclonal Antibody Infusion
- KVEO-TV interview
 - Booster COVID-19 Vaccination
- The Monitor
 - Post-Exposure Prophylaxis
- Univision Interview
 - Post-Exposure Prophylaxis
- Channel 5 interview
 - SARS-CoV-2 Variants
- Town Halls
 - DHR Health COVID Vaccine Facts and Myths

August 2021:

- The Monitor:
 - SARS-CoV-2 Delta Variant
- Channel 5:
 - COVID-19 and the Delta Variant
- Facebook Live Press Conference:
 - COVID-19

June 2021:

- Channel 5
 - Smoking & COVID-19
- Telemundo40
 - Mosquito Born Illnesses
- TV Azteca (Channel 5)
 - Mosquito Born Illnesses
- KRGV
 - Mosquito Born Illnesses

- KRGV
 - Junior Clinical Research Internship

May 2021:

- Interview with Elvia Gonzalez (Channel 4)
 - High Titer Plasma for COVID-19 Variant
- Panelist at Health Science Industry Panel
 - Region Once Education Service Center
- STARR County Research Panel with Dr. Falcon and Clinic
- STARR County Research Panel with Dr. Musset and Clinic
- Interview with KRGV Channel 5
 - Monoclonal Antibody Treatment for COVID-19
- Interview with News Channel 23
 - The Rise in Liver Diseases in the RGV

April 2021:

- KVEO Channel 4
 - Mobile Research Unit
- iHeartRadio
 - Mobile Research Unit
- KRGV Channel 5
 - COVID-19 Treatment
- The Monitor
 - Mobile Research Unit
- Texas Border Business
 - NIH Study (Camostat)
- Univision/Fox
 - NIH Study (Camostat)

February - March 2021:

- Interview with Channel 4 KVEO
 - To discuss the use of monoclonal antibodies to treat patients with mild-moderate COVID-19
- Interview with Channel 5 KRGV
 - To discuss the use of high-titer convalescent plasma and its benefits
- Interview with Channel 48 Univision
 - To discuss study in older population aimed at preventing dementia and cognitive decline using Statins
- Interview with Channel 5 KRGV
 - To discuss study in older population aimed at preventing dementia and cognitive decline using Statins
- STARR County Memorial Hospital Officials Visit
 - To share with them the existing partnership with Starr County Memorial Hospital

January 2021:

- KRGV Channel 5
 - Monoclonal Antibody Treatment for Mild-Moderate COVID-19
- The Monitor
 - Vitamin D3 and its role in the prevention/treatment of COVID-19
- Hidalgo County Wellness Week Presentation
 - Treatment of COVID-19
- KRGV Channel 5
 - Recruitment of subjects for PREVENTABLE – NIH funded study
- Telemundo
 - Recruitment of subjects for PREVENTABLE – NIH funded study
- KRGV Channel 5
 - Use of convalescent plasma for the treatment of COVID-19
- The Monitor
 - Recruitment of subjects for PREVENTABLE – NIH funded study
- Channel 4
 - Use of convalescent plasma for the treatment of COVID-19
- Channel 4
 - Monoclonal Antibody Treatment for Mild-Moderate COVID-19
- The Monitor
 - Use of convalescent plasma for the treatment of COVID-19
- CBS
 - Use of convalescent plasma for the treatment of COVID-19
- Telemundo
 - Monoclonal Antibody Treatment for Mild-Moderate COVID-19

The Monitor

- December 09, 2020

Telemundo

- December 09, 2020

KRGV Channel 5

- November 20, 2020
- December 01, 2020
- December 10, 2020

KRGV News Interview

- Reporter: Allysa Cole
- Interviewee: Dr. Sohail Rao
- Interview Topic: COVID-19 Vaccines
- Date: September 03, 2020
- Interview Link: <https://www.krgv.com/news/dhrhealth-seeks-coronavirus-clinical-vaccine-trial-study/>

Linkedin Interview

- Who would qualify to donate convalescent plasma?
- Interviewee: Dr. Sohail Rao
- Date: September 17, 2020
- Interview Link: https://www.linkedin.com/posts/dhr-health_askdhr-how-does-convalescent-plasma-donation-activity-6712390937126936576-h-IA

Interview with KTEX

- Reporter: Jojo Cerda
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: August 6, 2020

Interview with KBFM

- Reporter: Johnny O
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: August 6, 2020

Interview with KRGV

- Reporter: Rudy Mireles
- Interviewee: Dr. Sohail Rao
- Interview Topic: Regulations for using plasma to treat patients
- Date: August 7, 2020
- Interview Link: <https://www.krgv.com/news/doctors-explain-how-convalescent-plasma-may-help-covid-19-patients/>

Interview with KGBT

- Reporter: Salvador Castro
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donor Drive in Brownsville
- Date: August 11, 2020
- Interview Link: <https://www.valleycentral.com/news/recovered-covid-19-patients-encouraged-to-donate-plasma/>

Interview with KURV710

- Reporter: Sergio Sanchez

- Interviewee: Dr. Sohail Rao
- Interview Topic: Donation of Convalescent Plasma
- Date: July 22, 2020
- Link: <https://soundcloud.com/kurv-710/7-22-20-dr-sohail-rao-dhr-health-urgent-need-for-plasma-donations>

Interview with KRGV- Ch.5

- Reporter: Marisol Villarreal
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: July 7, 2020
- Interview Link: <https://www.krgv.com/news/valley-hospitals-in-dire-need-of-convalescent-plasma-from-local-covid-19-survivors>

Interview with The Monitor

- Interviewee: Dr. Sohail Rao
- Interview Topic: Convalescent Plasma Donation
- Date: July 01, 2020
- Interview Link: <https://www.themonitor.com/2020/07/01/convalescent-plasma-therapy-covid-19/>

Interview with KVEO – Ch. 23

- Reporter: Mike Jimenez
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: June 24, 2020
- Interview Link: <https://www.valleycentral.com/news/local-news/local-hospitals-urgently-requesting-plasma-from-covid-19-survivors/>

Interview with Rio Grande Guardian

- Reporter: Steve Taylor
- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: June 24, 2020
- Interview Link: <https://riograndeguardian.com/podcast-dr-sohail-rao-plasma-urgently-needed-for-rgv-covid-19-patients/>

Interview with Edinburg Chamber of Commerce

- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: June 07, 2020
- Interview Link: <https://www.facebook.com/watch/?v=293494681707177>

Interview with Sydney Hernandez - RGV

- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: April 17, 2020
- Interview Link: <https://www.facebook.com/watch/?v=220848002574652>

Interview with Channel 4 – Valley Central

- Interviewee: Dr. Sohail Rao
- Interview Topic: Plasma Donation
- Date: April 16, 2020
- Interview Link: <https://www.valleycentral.com/news/local-news/convalescent-plasma-to-treat-covid-19-patients-is-advancing-to-the-rio-grande-valley/>

Interview with KURV710

- Reporter: Sergio Sanchez
- Interviewee: Dr. Sohail Rao
- Interview Topic: Donation of Convalescent Plasma
- Date: April 17, 2020
- Link: <https://soundcloud.com/kurv-710/04-17-20-dr-sohail-rao-covid-19-plasma-therapy-donations-underway?in=kurv-710/sets/covid-19>

OTHER AWARDS:

Recognized in a Resolution – State of Texas House of Representatives
Contributions in COVID-19 Pandemic
August 2021

The Honor Society of Phi Kappa Phi, 2005, Senior Scholar

December 1995-Present Professor Ad Honorem
Universidad de Antioquia
Medellin, Columbia

Institute of Kidney Diseases & Research Center; Ahmedabad, India: Distinguished Professorship Award.