

CURRICULAM VITAE

PERSONAL DATA:

Name: **AIJAZ A. GUNDROO, M.D., F.A.S.N.**
Address: 33Krontz Lane
Getzville, NY 14068

Email: aijazgundroo@hotmail.com or agundroo@ecmc.edu

EDUCATION:

2003 -2005	Nephrology Fellowship SUNY at Buffalo Buffalo, NY
2003	Chief Resident Internal Medicine Sisters of Charity Hospital- SUNY at Buffalo Buffalo, NY
2000 – 2003	Internal Medicine Residency Sisters of Charity Hospital- SUNY at Buffalo Buffalo, NY
1993	M.B.B.S. Kashmir University-Government Medical College Srinagar Kashmir, India

PROFESSIONAL EXPERIENCE:

2006 – Present	Assistant Professor of Clinical Medicine Nephrology Department Erie County Medical Center/ SUNY at Buffalo Buffalo, NY
2006 – Present	Director Dialysis Center Wende Correctional Facility Alden, NY

BOARD CERTIFICATION:

Board Certified Internal Medicine 2003

Board Certified Nephrology 2007

MEMBERSHIPS IN PROFESSIONAL SOCIETIES:

- American Society of Nephrology
- American Medical Association
- Medical Council of India

HONORS:

- Best Outgoing Residents (Research), Sisters of Charity Hospital- SUNY at Buffalo, 2003
- 3rd Highest Score- Social and Preventative Medicine, 1991
- Certificate of 3rd Highest Score, MBBS part 1, 1991
- Honors in Pediatrics, 1991
- Certificate of National Merit Scholarship for outstanding performance in State School Exam, 1983

RESEARCH:

1. 7163-CL-3201

July 2017 to present

A Phase 2a, Randomized, Open-Label, Active Control, Multi-Center Study to Assess the Efficacy and Safety of Bleselumab in Preventing the Recurrence of Focal Segmental Glomerulosclerosis in de novo Kidney Transplant Recipients.

Role: Sub-investigator
Astellas Pharma Global Development Inc.

2. BMS IM103-116

May 2017 to present

IM103116: Evaluation of the Benefits and Risks in Maintenance Renal Transplant Recipients Following Conversion to Nulojix[®] (belatacept)-based Immunosuppression

Role: Sub-investigator
Bristol-Myers Squibb Research and Development

3. BMS IM103-177

May 2016 to present

Evaluation of Acute Rejection Rates in de novo Renal Transplant Recipients Following Thymoglobulin Induction, CNI-free, Nulojix (belatacept) -based Immunosuppression)

Role: Primary Investigator
Bristol-Myers Squibb Research and Development

4. QRK306

Mar 2016 to present

A Phase 3, Randomized, Double-blind, Placebo Controlled Study to Evaluate the Efficacy and Safety of QPI-1002 for Prevention of Delayed Graft Function in Recipients of a Donation After Brain Death Older Donor Kidney Transplant (ReGIFT)

Role: Sub- investigator
Quark Pharmaceuticals, Inc.

5. TRANSFORM

Oct 2016 to present

A 24 month, multicenter, randomized, open-label safety and efficacy study of concentration-controlled everolimus with reduced calcineurin inhibitor vs mycophenolate with standard calcineurin inhibitor in *de novo renal* transplantation- Advancing renal TRANSplant eFFicacy and safety Outcomes with an eveRolimus-based regimen

Role: Sub- investigator
Novartis Pharmaceutical Company

6. Anti-CD40 STUDY

Jun 2015 to April 2017

A Phase 2a, Randomized, Open-Label, Active Control, Multi-Center Study to Assess the Efficacy and Safety of ASKP1240 in de novo Kidney Transplant Recipients.

Role: Sub- investigator
Astellas Pharma Global Development Inc.

7. CMV Vaccine STUDY

Jun 2015 to present

A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Trial to Evaluate the Efficacy and Safety of a Vaccine, ASP0113, in Cytomegalovirus (CMV)-Seronegative Kidney Transplant Recipients Receiving an Organ from a CMV-Seropositive Donor.

Role: Sub- investigator
Astellas Pharma Global Development Inc.

8. SONAR STUDY 2014 to present

A Randomized, Multicountry, Multicenter, double-Blind, Parallel, Placebo-Controlled Study of the Effects of Atrasentan on Renal Outcomes In Subjects with Type 2 Diabetes and Nephropathy

Role: Principal investigator
Abbvie Pharmaceuticals

9. Quantification of CMV specific CD8+T lymphocytes in Renal Transplant recipients with Campath induction 2008 to 2011

10. MORE study Mycophenolic acid observational Renal Transplant Program--2008 to 2011

Phase IV, Multicenter Observational Study of the safety, effectiveness and tolerability of immunosuppressive Regimen to Treat renal Transplant Patients in routine Clinical Practice

Role: CO investigator
Novartis Pharmaceuticals

11. EVOLVE STUDY; Co-investigator: Aijaz Gundroo M.D

EValuation Of Cinacalcet HCL Therapy to Lower Cardio-Vascular Events.

12. Tetramer based Quantification of CMV specific CD8+ T lymphocytes in Renal Transplant Recipients receiving Campath-1H compared to Thymoglobulin induction.

13. Repopulation of T lymphocytes in Renal transplant recipients receiving Campath-1H induction compared to Thymoglobulin induction.

PUBLICATIONS:

- [1] M. Panesar, H. Bhutani, N. Blizniak, A. Gundroo, M. Zachariah, W. Pelly and R. Venuto, "Evaluation of Renal Transplant Program for Incarcerated ESRD Patients.," *J Correct Health Care*, vol. 20, no. 3, pp. 220-227, Jul 2014.
- [2] K. M. Tornatore, C. J. Meaney, G. E. Wilding, S. S. Chang, A. Gundroo, L. M. Cooper, V. Gray, K. Shin, G. J. Fetterly, J. Prey, K. Clark and R. C. Venuto, "Influence of Sex and Race on Mycophenolic Acid Pharmacokinetics in stable African American and Caucasian Renal Transplant Recipients.," *Clin Pharmacokinet.*, vol. 54, no. 4, pp. 423-34, Apr 2015.
- [3] A. Gundroo, M. Zachariah, N. Singh and R. Sharma, "Alemtuzumab (Campath-1H) Experience in Kidney Transplantation What We Have Learned; Current Practices; and Scope for the Future?," *Curr Opin Organ Transplant*, vol. 20, no. 6, pp. 638-42, Dec 2015.
- [4] R. C. Venuto, C. J. Meaney, S. Chang, N. Leca, J. D. Consiglio, G. E. Wilding, D. Brazeau, A. Gundroo, N. Nainani, S. E. Morse, L. M. Cooper and K. M. Tornatore, "Association of Extrarenal Adverse Effects of Posttransplant Immunosuppression With Sex and ABCB1 Haplotypes.," *Medicine (Baltimore)*, vol. 94, no. 37, Sep 2015.
- [5] K. M. Tornatore, D. Brazeau, K. Dole, R. Danison, G. Wilding, N. Leca, A. Gundroo, K. Gillis, J. Zack, R. DiFrancesco and R. C. Venuto, "Sex Differences in Cyclosporine Pharmacokinetics and ABCB1 Gene expression in Mononuclear Blood Cells in African American and Caucasian Renal Transplant Recipients.," *J Clin Pharmacol.*, vol. 53, no. 10, pp. 1039-47, Oct 2013.

- [6] K. M. Tornatore, P. Sudchada, K. Attwood, G. E. Wilding, A. Gundroo, R. DiFrancesco, V. Gray and R. C. Venuto, "Race and Drug Formulation Influence on Mycophenolic Acid Pharmacokinetics in Stable Renal Transplant Recipients.," *J Clin Pharmacol.*, vol. 53, no. 3, pp. 285-93, Mar 2013.
- [7] N. Nainani, N. Patel, N. Tahir, R. Kumar, E. Weber-Shrikant, A. A. Gundroo, B. M. Murray, K. M. Tornatore, G. A. Blessios and R. C. Venuto, "Effect of Steroid-Free Low Concentration Calcineurin Inhibitor Maintenance Immunosuppression Regimen on Renal Allograft Histopathology and Function.," *Nephrol Dial Transplant.*, vol. 27, no. 5, pp. 2077-83, May 2012.
- [8] K. M. Tornatore, P. Sudchada, K. Dole, R. DiFrancesco, N. Leca, A. Gundroo, R. T. Danison, K. Attwood, G. E. Wilding, J. Zack, A. Forrest and R. C. Venuto, "Mycophenolic Acid Pharmacokinetics During Maintenance Immunosuppression in African American and Caucasian Renal Transplant Recipients.," *J Clin Pharmacol.*, vol. 51, no. 8, pp. 1213-22, Aug 2011.
- [9] A. Damodar, R. Mustafa, J. Bhatnagar, M. Panesar, A. Gundroo, M. Zachariah, G. Blessios, K. Tornatore, E. Weber-Shrikant and R. Venuto, "Use of anti-CD20 Antibody in the Treatment of Post-Transplant Glomerulonephritis.," *Clin Transplant.*, vol. 25, no. 3, pp. 375-9, May-Jun 2011.
- [10] N. Leca, M. Laftavi, A. Gundroo, R. Kohli, I. Min, J. Karam, N. Shridhar, G. Blessios, R. Venuto and O. Pankewycz, "Early and Severe Hyperparathyroidism Associated with Hypercalcemia after Renal Transplant treated with Cinacalcet.," *Am J Transplant.*, vol. 6, no. 10, pp. 2391-5, Oct 2006.
- [11] K. Allampallam, D. Dutt, C. Nair, V. Shetty, S. Mundle, L. Lisak, C. Andrews, B. Ahmed, L. Mazzone, F. Zorat, R. Borok, M. Muzammil, A. Gundroo, I. Ansaarie and A. Raza, "The Clinical and Biologic Significance of Abnormal Lipid Profiles in Patients with Myelodysplastic Syndromes.," *J Hematother Stem Cell Res.*, vol. 9, no. 2, pp. 247-55, Apr 2000.

ABSTRACTS AND POSTER PRESENTATIONS:

Mycophenolic Acid and Metabolite Pharmacokinetics in African American (AA) and Caucasian (C) Renal Transplant Recipients Receiving Enteric Coated Mycophenolic Sodium and Mycophenolate Mofetil. ATC San Diego May 2010

Kathleen M. Tornatore, Patcharaporn Sudchada, Robin A. DiFrancesco, Aijaz Gundroo, Vanessa Gray, Kris Attwood, Greg Wilding, Rocco C. Venuto Pharmacy, School of Pharmacy; Nephrology, School of Medicine & Erie County Medical Center; Biostatistics, School of Public Health; SUNY at Buffalo, Buffalo, NY [ATC San Diego May 2010](#)

Should the Incarcerated Be Considered for Renal Transplant?

Harpreet Bhutani, Nancy Blizniak, Mandeep Panesar, Aijaz Gundroo, Mareena Zachariah, William Pelley, Rocco Venuto Renal Transplant Unit, Nephrology Division, Erie County Medical Center, Buffalo, NY [ATC San Diego May 2010](#)

Time Dependent Pharmacodynamic Responses of T Regulatory Cells in Stable African American and Caucasian Renal Transplant Recipients.

Kathleen Tornatore, Patcharaporn Sudchada, Aijaz Gundroo, Vanessa Gray, Kris Attwood, Paul Wallace, Rocco Venuto Pharmacy Practice, School of Pharmacy & Pharmaceutical Sciences; Renal Division, Erie County Medical Center; School of Medicine & Biomedical Sciences; Biostatistics; School of Public Health, SUNY/ Buffalo; Flow Cytometry Laboratory, Roswell Park Cancer Institute, Buffalo, NY. [ATC San Diego May 2010](#)

Comparison of Carefully Measured Creatinine to Clearance (CrCl) to Estimated Glomerular Filtration Rate (eGFR) in Stable Renal Transplant Recipients.

Prashant Pendyala, Patcharaporn Sudchada, Rocco Venuto, Vanessa Gray, Aijaz Gundroo, Kris Attwood, Greg Wilding, Kathleen Tornatore School of Medicine, University at Buffalo, Renal & Transplant Unit at Erie County

Medical Center, Buffalo, NY; School of Pharmacy & Pharmaceutical Sciences, University at Buffalo; School of Public Health, University at Buffalo, Buffalo, NY [ATC San Diego May 2010](#)

Early Recovery of Cytomegalovirus (CMV) specific CD8+ T lymphocytes and decreased incidence of CMV infection in Renal transplant recipients (RtR) induced with Alemtuzumab(CAM1H) .

Aijaz A. Gundroo, MD, FASN*¹, Reem Mustafa, MD¹, Nauman Tahir, MD¹, Neeraj Singh, MD¹, Kathleen Tornatora, Pharm D¹, Paul Wallace, Ph.D² and Rocco Venuto, MD¹. ¹Nephrology, ECMC,SUNY at Buffalo, Buffalo, NY, United States and ²Immunology, RPCI, Buffalo, NY, United States. [ASN San Diego, Oct 2009](#)

Alemtuzumab induction followed by steroid free, low dose calcineurin inhibitor maintenance immunosuppression in Renal transplant recipients RTR'S) 2 year follow-up.

N Nainani, MBBS*¹, N Patel, MBBS¹, B Murray, MD¹, M Zachariah, MD¹, A Gundroo, MD¹, G Blessios, MD¹, K Tornatore, MD¹, E Weber-Shrikant, MD¹ and R Venuto, MD¹. ¹Transplant Unit, Erie County Medical Center, SUNY, Buffalo, NY, United States. [ASN San Diego Oct 2009](#)

Comparison of Mycophenolic Acid Pharmacokinetics in African American and Caucasian Renal Transplant Recipients Receiving Mycophenolate Mofetil and enteric coated Mycophenolic sodium.

Kathleen M Tornatore,Patcharaporn Sudchada,Robin A DeFrancesco,Aijaz Gundroo,Vanessa Gray,Kris Attwood, Greg Wilding, Rocco C Venuto. SUNY Buffalo NY, United States. [ASN San Diego Oct 2009](#)

Gender Differences in Cyclosporine Pharmacokinetics in Stable African American and Caucasian Renal Allograft Recipients.

Kathleen Tornatore, Kiran Dole, Robin DiFrancesco, Kathryn Gillis, Nicolae Leca, Aijaz Gundroo, Rocco Venuto Pharmacy Practice, School of Pharmacy; Medicine, School of Medicine; University at Buffalo, Buffalo, NY [AST Boston May 2009](#)

Aggressive immunosuppression Benefits Post-Transplant Glomerulonephritis.

Amar Damodar, Jyotsna Bhatnagar, Mareena Zachariah, Kathleen Tornatore, Yasir Qazi, Edith Weber-Shrikant, Aijaz Gundroo, Mandip Panesar, Rocco Venuto Transplant at Erie County Medical Center, SUNY Buffalo, NY; University of Southern California, Los Angeles, CA [AST Boston May 2009](#)

Effect of steroid Avoidance and Low dose Calcineuric-InhibitorImmunosuppression on progression of Chronic Allograft Nephropathy (CAN) Assessed by Surveillance Biopsy

N. Patel, N. Nainani,B. Murray, A.Gundroo,G,Bessios,K.Tornatore,R,Venuto. Transplant at Erie County Medical Center, SUNY, Buffalo, NY [ASN Philadelphia Nov 2008](#)

Impact Of Recurrent Lupus Nephritis In Renal Transplant Recipients

Veni Peram, Nilang Patel, Neha Nainani, Brian Murray, **Aijaz Gundroo** and Rocco C. Venuto.Transplant at Erie County Medical Center SUNY Buffalo,NY [ATC Toronto. May 2008.](#)

Effect Of Steroid Free Maintainance Protocol In The Progression Of Chronic Allograft Nephropathy.

N.Nainani,M.D,N.Patel,M.D,M.RahmanM.D,Ph.D,N.Tahir,M.D, B.Murray,M.D, **A.Gundroo,M.D.**,G.Blessios,M>d,K.Tornatore,Pharm.D and R.Venuto ,M.D.Transplant Unit,Erie County Medical Centre SUNY Buffalo,New York United States. [ATC Toronto. May 2008.](#)

Cyclosporine Gender Differences with 12 hour Pharmacokinetic Analysis inStable Renal Allograft Recipients.

Kathleen M. Tornatore, Pharm.D.*^{1,2}, Kiran Dole, Pharm.D.¹, Julia Zack, Pharm.D.¹, Robin DeFrancesco, MBA¹, Kathryn Gillis, Pharm.D.¹, Nicolae Leca, M.D.², **Aijaz Gundroo, M.D.**² and Rocco Venuto, M.D.². ¹School of Pharmacy & Pharmaceutical Sciences and ²Medicine, School of Medicine & Biomedical Sciences; University at Buffalo, Buffalo, NY, [ASN San Francisco 2007.](#)

Outcomes Of Campath-1H[Alemtuzumab]Induction In High Risk Renal Transplant Recipients.

N.Singh, N.Nainani, Y.Qazi, B.Murray, **A.Gundroo**, G.Blessios, K.Tornatore, R.Venuto. [ASN San Francisco 2007.](#)

Outcomes Of Older Kidneys Transplanted In Young Renal Transplant Recipients.

N.Singh,N.Nainani,Y.Qazi,B.Murray,**A.Gundroo**,G.Blessio,K.Tornatore,R.Venuto. [ASN San Francisco 2007.](#)

One Year Results of Alemtuzumab (Campath-1H) Induction, Calcineurin Minimization Protocol in Renal Transplant Recipients Monitored by Surveillance Biopsies.

Yasir A. Qazi, Neeraj Singh, **Aijaz Gundroo**, Fareeha Khalil, Muhammad Hassan, Brian Murray, George Blessios, Kathleen Tornatore, Rocco C. Venuto. ATC San Francisco May 2007.

Maintenance Steroid Free Campath-1H (Alemtuzamab) Induction Regimen Reduces Metabolic Complications

Neeraj Singh, **Aijaz Gundroo**, Brian Murray, Yasir Qazi, Hasan, Fareeha Khalil, George Blessios, Kathleen Tornatore, Rocco Venuto. ATC San Francisco May 2007.

Impact of Campath-1H(Alemtuzamab) Induction on CMV Infection in Renal Transplant Recipients

N Singh, B Murray, **A Gundroo**, Y.Qazi, M .Hassan, F Khalil,K Tornatore, R.venuto: ATC San Francisco May 2007.

Influence Of Race,Steroid Use and Renal Function on Mycophenolic Acid Pharmacokinetics in Renal Transplant Recipients

Patcharaporn Sudchada, Kiran Dole, Julia Zack, Nicolae Leca, **Aijaz Gundroo**, Rocco C Venuto, Kathleen M Tornatore. ATC San Francisco May 2007.

Influence of Steroid Use and Gender on Mycophenolic Acid Pharmacokinetics in Renal Transplant Recipients.

Patacharaporn Sudchada, Kiran Dole, Julia Zack, Nicolae Leca, **Aijaz Gundroo**, Rocco C.Venuto, Kathleen M. Tornatore. ATC San Francisco May 2007.

Impact of Gender, Race and Time on MDR-1 Gene Expression in Stable Renal Transplant Recipients.

Kathleen Tornatore, Pharm D., Daniel Brazeau,Ph.D., Kiran Dole,Pharm D., Julia Zack, Pharm D., **Aijaz Gundroo M.D.**, Rocco Venuto M.D. School of Pharmacy and Pharmaceutical Sciences, School of Medicine and Biomedical Sciences, University at Buffalo, The State University of New York ,NY ASCPT 2007.

A Single Center Experience with Alemtuzumab (Campath) Induction Steroid Avoidance – Calcineurin Inhibitor Minimization Protocol in Renal Transplant Recipients Monitored by Surveillance Biopsies and Flow PRA.

Yasir A Qazi, Sudheer Ummadi, **Aijaz Gundroo**, Neeraj Singh, Subha Subramanian, Nicolae Leca, Indrani Raman, Mohamed Rehman, George Blessios, Rocco C Venuto. ATC Boston 2006.

Effect of Donor Age on Formulas Used to Estimate Creatinine Clearance in Renal Transplant Recipients.

Yasir A Qazi, Indrani Raman, **Aijaz Gundroo**, Sudheer Ummadi, Mohamed Rehman, Mohamed El-Shahawy, Moro Salifu, Rocco C Venuto. ATC Boston 2006.

A New Simple Formula to Estimate Creatinine Clearance in Renal Transplant Recipients with Stable Graft Function.

Yasir A Qazi, Moro Salifu, Indrani Raman, **Aijaz Gundroo**, Sudheer Ummadi, Mohamed Rehman, Mohamed Elshahawy, Marianna Markell, Rocco C Venuto. ATC Boston 2006.

Alemtuzumab (Campath) Induced Deceased Donor Kidney Transplant Recipients Exhibit Enhanced Recovery of Perioperative Allograft Function.

Yasir A Qazi, MD, **Aijaz Gundroo, MD**, Nicolae Leca, MD, Sudheer Ummadi, MD1, Subha Subramaniam, MD, George Blessios, MD and Rocco C Venuto, MD. Division of Nephrology., Erie County Medical Center. SUNY at Buffalo., Buffalo, NY, United States. ASN Philadelphia 2005.

A Syndrome of worsening hyperparathyroidism (HPT) with Hypercalcemia after renal transplant treated with Cinacalcet

Nicolae Leca, MD , **Aijaz Gundroo, MD** , Mark Laftavi, MD , Romesh Kohli, MD , Fadi Dagher, MD , Jyotheen Karam, MD , Rocco Venuto, MD and Oleh Pankewycz, MD. ATC Seattle 2005

A New Formula to Estimate Creatinine clearance in Renal Transplant Patients with stable graft function.

Yasir Qazi, M.D ,Sudheer Ummadi ,M.D **Aijaz Gundroo ,M.D**, Rocco Venuto ,M.D. ATC Seattle 2005.

Pro & Anti apoptotic Cytokines and the incidence of apoptosis in newly diagnosed cases of Myelodysplastic Syndrome. Shetty V, Allampalam K, **Gundroo A**, Priesler H, Raza A.. Proc Am Soc Hematol, Blood ; 92 (10), abstr#3664, 1998

Elevated level of serum TNF Alfa receptor in Myelodysplastic Syndrome. Allampalam K, Shetty V, **Gundroo A**, Priesler H, Raza A. Proc Am Soc Hematol , Blood 92 (10): 422a abstract # 1743, 1998

Genesis of Cytopenias may be Cytokine induced in excessive intramedullary apoptosis of hematopoietic cells, in a subset of patients of Myelodysplastic Syndrome. Dar S, Mundle S, **Gundroo A**, Mativi Y, Raza A. Proc Am Soc of Hematol, Blood 92 (10), 418 a, 1998

Decreased apoptosis and low Cytokine expression in 21 patients with Chronic Myeloamonoctytic Leukemia. Qawi H, Dar S, Gundroo A, Mativi Y.Raza A. Proc Am Soc Hematol, Blood 92 (10) 418 a, Abstract # 1726, 1998.

RESEARCH EXPERIENCE:

Prospective Multicenter, Double Blind with In-House Blinding, Randomized, Comparative study To Evaluate the Safety and Tolerability, Of Ertapenem Versus Piperacillin/Tazobactam in the Treatment of Diabetic Foot Infections in Adults. Mentor: Khalid J. Qazi, MD Sisters of Charity Hospital, Buffalo, 2003

Use of different Hepatitis B Immuno-globulins for prevention of recurrent Hepatitis B infection in patients who received liver transplant because of Chronic Hepatitis B infection.

Combination of Interferon and Ribavarin in Patients with Hepatitis C who are at Least Six Months Post Liver Transplant.

Trial of Pre Transplant treatment with Interferon and Ribavarin for reduction of Hepatitis C recurrence following Liver Transplant. Mentor: Lewis Teperman, M.D. New York University, NY 1999-2000

Immuno-localization of Cytokines TNF Alfa and TGF Beta and their role in Myelodysplastic Syndrome.

Assessment of amount of Apoptosis in bone marrow samples of patients with Myelodysplastic Syndrome using In Situ End Labeling. Mentor: Azra Raza, M.D. Rush Cancer Institute, Chicago IL 1998-1999

INTERESTS & ACTIVITIES:

Sports (cricket, soccer, hockey), reading, music, and travel.

LANGUAGES:

English, Kashmiri, Hindi, Urdu, and Arabic.