

Stanford



Paul C. Grimm

Professor of Pediatrics (Nephrology)

Pediatrics - Nephrology

 NIH Biosketch available Online

CLINICAL OFFICES

- **Pediatric Nephrology Clinic**

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Palo Alto, CA 94304

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Kim Sands - Admin. Pediatric Nephrology

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Bio

CLINICAL FOCUS

- Pediatric Nephrology
- pediatric renal transplantation
- Cystinosis

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Pediatrics - Nephrology
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Pediatric Nephrology Fellowship Director, LPCH at Stanford, (2007- present)
- Medical Director of Cystinosis Clinic, LPCH at Stanford, (2011- present)
- Medical Director of Pediatric Kidney Transplant Program, LPCH at Stanford, (2012- present)

HONORS AND AWARDS

- Member, American Board of Pediatrics-Pediatric Nephrology Subboard (2010-2018)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Scientific Advisory Board Member, Cystinosis Research Foundation (2016 - present)
- Board Member, Improve Renal Outcomes Collaborative (2021 - present)

PROFESSIONAL EDUCATION

- Medical Education: University of Saskatchewan College of Medicine (1981) Canada
- Fellowship: Dalhousie University Residency Training (1988) Canada
- Residency: Winnipeg Children's Hospital (1986) Canada
- Residency: Dalhousie University (1985) Canada

- Fellowship: UCLA Health Sciences (1991) CA
- Internship: University of Saskatchewan (1982) Canada
- Board Certification: Pediatric Nephrology, American Board of Pediatrics (1999)
- Fellowship, UCLA , Pediatric Transplant Immunology (1991)
- Fellowship, Dalhousie University, Halifax , Pediatric Nephrology (1988)
- Pediatric Residency, University of Manitoba , Pediatrics Yr III (1986)
- Pediatric Residency, Dalhousie University, Halifax , Pediatrics I & II (1985)
- Internship, U. of Saskatchewan , Rotating Interne (1982)
- MD with Distinction, University of Saskatchewan , Medicine (1981)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Computerized image analysis of kidney and liver biopsies to quantitate and diagnose subtle changes in tissue structure.

Renal Inflammation

Renal Allograft Rejection

Renal Fibrosis in;

-Primary Kidney Disease

-Transplant Kidney Disease

Liver fibrosis

Steatohepatitis

CLINICAL TRIALS

- Pharmacokinetics, Safety and Tolerability of Single-dose Belatacept in Adolescent Kidney Transplant Recipients, Recruiting
- Perioperative Aminophylline to Improve Early Kidney Function After a Kidney Transplant, Not Recruiting
- The Effect of Exercise on Muscle Dysfunction in Cystinosis, Not Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Ryan Town, Jessica Ashley Williams

Publications

PUBLICATIONS

- **Malnutrition and immune cell subsets in children undergoing kidney transplantation.** *Pediatric transplantation*
Shaw, B. I., Lee, H., Ettenger, R., Grimm, P., Reed, E. F., Sarwal, M., Stempora, L., Warshaw, B., Zhao, C., Martinez, O. M., MacIver, N. J., Kirk, A. D., Chambers, et al
2022
- **Improving Quality of Care and Outcomes for Pediatric Patients With End-stage Kidney Disease: The Importance of Pediatric Nephrology Expertise.** *JAMA*
Leonard, M. B., Grimm, P. C.
2022; 328 (5): 427-429

- **Patterns in Tacrolimus Variability and Association with De Novo Donor-Specific Antibody Formation in Pediatric Kidney Transplant Recipients.** *Clinical journal of the American Society of Nephrology : CJASN*
Piburn, K. H., Sigurjonsdottir, V. K., Indridason, O. S., Maestretti, L., Patton, M. V., McGrath, A., Palsson, R., Gallo, A., Chaudhuri, A., Grimm, P. C.
2022
- **Sequential Stem Cell-Kidney Transplantation in Schimke Immuno-osseous Dysplasia.** *The New England journal of medicine*
Bertaina, A., Grimm, P. C., Weinberg, K., Parkman, R., Kristovich, K. M., Barbarito, G., Lippner, E., Dhamdhare, G., Ramachandran, V., Spatz, J. M., Fathallah-Shaykh, S., Atkinson, T. P., Al-Uzri, et al
2022; 386 (24): 2295-2302
- **Evaluating the risk and benefit of once daily delayed release mycophenolate in pediatric kidney transplant recipients**
Maestretti, L., McGrath, A., Fong, A., Brubaker, A., Gallo, A., Grimm, P., Chaudhuri, A.
WILEY.2022
- **Complement-binding donor specific anti-HLA antibodies: Biomarker for immunologic risk stratification in pediatric kidney transplantation recipients**
Sigurjonsdottir, V., Chaudhuri, A., Grimm, P.
WILEY.2022
- **Early versus late ureteral stent removal in pediatric kidney transplant recipients**
McGrath, A., Maestretti, L., Samreth, S., Sheth, K., Grimm, P., Chaudhuri, A., Gallo, A.
WILEY.2022
- **High tacrolimus inpatient variability is associated with inferior graft outcomes in pediatric and young adult kidney transplant recipients**
Piburn, K., Maestretti, L., Patton, M. V., McGrath, A., Indridason, O. S., Gallo, A., Chaudhuri, A., Grimm, P. C., Sigurjonsdottir, V. K.
WILEY.2022
- **Increasing and normalizing the discussion of pregnancy prevention for female pediatric kidney transplant recipients on the fetal toxic medication, Mycophenolate**
McGrath, A., Beadles, A., Maestretti, L., Baquir, J., Alonzo, R., Fong, A., Patton, M., Stone, M., Barnes, A., Samreth, S., Grimm, P., Chaudhuri, A.
WILEY.2022
- **Sequential hematopoietic stem cell transplantation (HSCT) followed by kidney transplant-3 children who received ABT-cell/CD19 B-cell depleted HSCT followed by kidney transplant from same parental donor are rejection free and immunosuppression free with donor specific tolerance > 1year post kidney transplant**
Grimm, P., Lewis, D. B., Al-Uzri, A., Fathallah-Shaykh, S., Shah, A., Agarwal, R., Weinberg, K. I., Gallo, A., Concepcion, W., Bertaina, A.
WILEY.2022
- **Low dose rabbit antithymocyte globulin is non-inferior to higher dose in low-risk pediatric kidney transplant recipients.** *Pediatric nephrology (Berlin, Germany)*
Sigurjonsdottir, V. K., Maestretti, L., McGrath, A., Concepcion, W., Gallo, A., Jonsdottir, U., Grimm, P. C., Chaudhuri, A.
1800
- **Complement-Binding Donor-Specific Anti-HLA Antibodies: Biomarker for Immunologic Risk Stratification in Pediatric Kidney Transplantation Recipients** *Transpl Int*,
Sigurjonsdottir, V. K.
2022; 35
- **Design and Methods of the Validating Injury to the Renal Transplant Using Urinary Signatures (VIRTUUS) Study in Children.** *Transplantation direct*
Kumar, J., Contrepois, K., Snyder, M., Grimm, P. C., Moudgil, A., Smith, J. M., Bobrowski, A. E., Verghese, P. S., Hooper, D., Ingulli, E., Lestz, R., Weng, P., Reason, et al
2021; 7 (12): e791
- **Racial Disparities in Pediatric Kidney Transplantation under the New Kidney Allocation System in the United States.** *Clinical journal of the American Society of Nephrology : CJASN*
Krissberg, J., Kaufmann, M., Gupta, A., Bendavid, E., Stedman, M., Cheng, X., Tan, J., Grimm, P., Chaudhuri, A.
2021
- **Profound neonatal lactic acidosis and renal tubulopathy in a patient with glycogen storage disease type IX#2 secondary to a de novo pathogenic variant in PHKA2.** *Molecular genetics and metabolism reports*
Morales, J. A., Tise, C. G., Narang, A., Grimm, P. C., Enns, G. M., Lee, C. U.
2021; 27: 100765

- **Corneal cystine crystal deposition: Online medical education can significantly improve knowledge, competence and confidence diagnosing and treating ocular manifestations of nephrotic cystinosis**
Trier, S., Aboulsaoud, P., Maeglin, J., Cherqui, S., Grimm, P., Bishop, R.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2021
- **Profound neonatal lactic acidosis and renal tubulopathy in a patient with glycogen storage disease type IXa2 secondary to a de novo pathogenic variant in PHKA2** *MOLECULAR GENETICS AND METABOLISM REPORTS*
Morales, J., Tise, C. G., Narang, A., Grimm, P. C., Enns, G. M., Lee, C. U.
2021; 27
- **SEQUENTIAL HEMATOPOIETIC STEM CELL AND KIDNEY TRANSPLANTATION IN SCHIMKE IMMUNO-OSSEOUS DYSPLASIA: TOWARDS A MODEL FOR ESTABLISHING FUNCTIONAL IMMUNE TOLERANCE FOR SOLID ORGAN TRANSPLANTATION**
Bertaina, A., Grimm, P., Kristovich, K., Barbarito, G., Lippner, E., Fathallah-Shaykh, S., Al-Uzri, A., van der Elst, K., Agarwal, R., Selpicka, P., Shah, A., Weinberg, K., Parkman, et al
ELSEVIER SCI LTD.2021: S136
- **Relationship between antithymocyte globulin, T cell phenotypes, and clinical outcomes in pediatric kidney transplantation** *AMERICAN JOURNAL OF TRANSPLANTATION*
Shaw, B. I., Lee, H., Chan, C., Ettenger, R., Grimm, P., Pearl, M., Reed, E. F., Robien, M. A., Sarwal, M., Stempora, L., Warshaw, B., Zhao, C., Martinez, et al
2020
- **Relationship between antithymocyte globulin, T cell phenotypes, and clinical outcomes in pediatric kidney transplantation.** *American journal of transplantation : official journal of the American Society of Transplantation and the American Society of Transplant Surgeons*
Shaw, B. I., Lee, H. J., Chan, C., Ettenger, R., Grimm, P., Pearl, M., Reed, E. F., Robien, M. A., Sarwal, M., Stempora, L., Warshaw, B., Zhao, C., Martinez, et al
2020
- **Peri-transplant aminophylline in pediatric kidney transplant recipients of donation after brain death: a double-blinded placebo-controlled randomized clinical trial.** *Pediatric nephrology (Berlin, Germany)*
Haskin, O., Shih, W., Wong, C. J., Axelrod, D. M., Grimm, P. C.
2020
- **Obesity and Terminally Differentiated T Cells in Pediatric Kidney Transplantation**
Shaw, B. I., Lee, H., Chan, C., Ettenger, R. B., Grimm, P., Reed, E. F., Sarwal, M., Stempora, L., Warshaw, B., Martinez, O. M., Kirk, A. D., Chambers, E. T.
WILEY.2020: 1012
- **Angiotensin II Type 1 Receptor Antibodies are Associated with Younger Age and Renal Dysfunction in Pediatric Kidney Transplantation**
Pearl, M., Chambers, E. T., Kirk, A., Garro, R., Warshaw, B. L., Grimm, P., Ettenger, R., Reed, E.
WILEY.2020: 475-76
- **Improving Vaccination Rates for Influenza and Pneumococcal Disease in Pediatric Kidney Transplant Recipients**
McGrath, A. M., Baquir, J., Maestretti, L., James, G., DiNello, K., Patton, M., Fong, A., Gallo, A., Sigurjonsdottir, V., Grimm, P., Chaudhuri, A.
WILEY.2020: 1018-19
- **Transition from Youth to Adult Care of Kidney Transplant Recipients: Single Center Experience**
Ganesan, L., McGrath, A., Dahl, K., Dinello, K., Fong, A., Maestretti, L., Patton, M., Grimm, P., Chaudhuri, A.
WILEY.2020: 1015-16
- **Daily Immunosuppression to Combat Compliance in Adolescent Kidney Transplant**
Brubaker, A. L., McGrath, A., Maestretti, L., Chaudhuri, A., Grimm, P. C., Gallo, A.
WILEY.2020: 1015
- **Safety and Efficacy of Low Dose Rabbit Antithymocyte Globulin in Pediatric Renal Transplant Recipients**
Sigurjonsdottir, V. K., Maestretti, L., McGrath, A., Gallo, A., Concepcion, W., Grimm, P., Chaudhuri, A.
WILEY.2020: 914
- **High Intra-Patient Variability of Tacrolimus in Pediatric and Adolescent Renal Transplant Recipients is Associated with Worse Graft Outcomes**
Piburn, K., Maestretti, L., Shetty, R., Patton, M. V., McGrath, A., Concepcion, W., Chaudhuri, A., Grimm, P. C., Sigurjonsdottir, V. K.
WILEY.2020: 478
- **A beta T-Cell/CD19 B-Cell Depleted Haploidentical Stem Cell Transplantation: A New Platform for Curing Rare and Monogenic Disorders**

Bertaina, A., Bacchetta, R., Lewis, D. B., Grimm, P. C., Shah, A. J., Agarwal, R., Concepcion, W., Czechowicz, A., Bhatia, N., Lahiri, P., Weinberg, K. I., Parkman, R., Porteus, et al
ELSEVIER SCIENCE INC.2020: S288

- **Ureterostomy as an alternative to ileal conduits in pediatric kidney transplantation.** *Clinical transplantation*
Brubaker, A. L., Wu, H., Lee, A., Vuong, P., Stoltz, D. J., Chaudhuri, A., James, G., Grimm, P. C., Concepcion, W., Gallo, A. E.
2020: e13777
- **Two infants with bilateral renal agenesis who were bridged by chronic peritoneal dialysis to kidney transplantation.** *Pediatric transplantation*
Sheldon, C. R., Kim, E. D., Chandra, P., Concepcion, W., Gallo, A., Su, S., Grimm, P. C., Alexander, S. R., Wong, C. J.
2019: e13532
- **De novo complement-activating donor-specific antibodies in pediatric renal transplant recipients are highly responsive to therapy**
Sigurjonsdottir, V., Zhang, B. M., Vina, M., Chaudhuri, A., Concepcion, W., Gallo, A., Grimm, P.
WILEY.2019
- **Ureterostomy may be a superior alternative to ileal conduits in pediatric kidney transplantation**
Brubaker, A. L., Vuong, P., Stoltz, D. J., Grimm, P. C., Concepcion, W., Gallo, A.
WILEY.2019
- **NK Cells Are Associated with Alloimmune Failure in Transplanted Children.**
Chambers, E. T., Martinez, O., Robien, M., Chan, C., Ettenger, R., Grimm, P., Lee, H., Reed, E., Stempora, L., Sarwal, M., Warshaw, B., Zhao, C., Kirk, et al
WILEY.2019: 339
- **Living or deceased donor kidney transplantation in children** *CURRENT OPINION IN PEDIATRICS*
Sigurjonsdottir, V., Grimm, P.
2019; 31 (2): 232–36
- **Undernutrition is Associated with Impaired T Cell Protective Immunity in Pediatric Kidney Transplantation.**
Chambers, E. T., Chan, C., Ettenger, R., Grimm, P., Reed, E., Sarwal, M., Stempora, L., Warshaw, B., Zhao, C., Martinez, O., Kirk, A.
WILEY.2019: 373
- **De Novo Complement-Activating Donor Specific Antibodies in Pediatric Renal Transplant Recipients Are Highly Responsive to Therapy.**
Sigurjonsdottir, V., Chaudhuri, A., Grimm, P.
WILEY.2019: 490–91
- **De Novo Complement-Activating Donor Specific Antibodies in Pediatric Renal Transplant Recipients Are Highly Responsive to Therapy**
Sigurjonsdottir, V., Chaudhuri, A., Grimm, P.
WILEY.2019: 1064–65
- **Antithymocyte Globulin is Associated with Mature T Cell Phenotypes and Decreased Risk of Non-EBV Infections in Transplanted Children.**
Shaw, B. I., Stempora, L., Chan, C., Ettenger, R. B., Grimm, P. C., Lee, H., Reed, E. F., Sarwal, M. M., Warshaw, B. L., Zhao, C., Martinez, O. M., Kirk, A. D., Chambers, et al
WILEY.2019: 466–67
- **Living or deceased donor kidney transplantation in children.** *Current opinion in pediatrics*
Sigurjonsdottir, V. K., Grimm, P. C.
2019
- **When does vesicoureteral reflux in pediatric kidney transplant patients need treatment?** *Pediatric transplantation*
Wu, H., Concepcion, W., Grimm, P. C.
2018: e13299
- **Superior Hypertension Management in Pediatric Kidney Transplant Patients After Native Nephrectomy.** *Transplantation*
Brubaker, A. L., Stoltz, D. J., Chaudhuri, A., Maestretti, L., Grimm, P. C., Concepcion, W., Gallo, A. E.
2018; 102 (7): 1172–78
- **Superior Hypertension Management in Pediatric Kidney Transplant Patients After Native Nephrectomy** *TRANSPLANTATION*
Brubaker, A. L., Stoltz, D. J., Chaudhuri, A., Maestretti, L., Grimm, P. C., Concepcion, W., Gallo, A. E.
2018; 102 (7): 1172–78

- **Assessment and Outcomes of Medication Nonadherence in Pediatric Kidney Transplant Recipients: Results from the IMPACT Study.**
Dokras, A., Pearl, M., Peipert, J., Grimm, P., Warshaw, B., Chambers, E., Kirk, A., Ettenger, R.
WILEY.2018: 338–39
- **17q12 DELETION: A COMMON CAUSE OF KIDNEY AND URINARY TRACT ABNORMALITIES IDENTIFIED PRENATALLY?**
Hudgins, L., Richardson, A., Homeyer, M., Grimm, P., Blumenfeld, Y., Hintz, S.
WILEY.2018: 1499–1500
- **T cell Phenotypes Predict Infectious Risk in Transplanted Children.**
Chambers, E. T., Ettenger, R., Lee, H., Chan, C., Stempora, L., Warshaw, B., Grimm, P., Reed, E. F., Sarwal, M., Kirk, A.
WILEY.2018: 476
- **Multiplexed Immunofluorescence to Investigate the Immune Response to BK Virus in Pediatric Kidney Transplant Recipients.**
Fajardo, C., Grimm, P., Kambham, N., Nolan, G., Samusik, N., Maltzman, J.
WILEY.2018: 833
- **Ethical Considerations Concerning Amniotomies for Treating Fetal Bilateral Renal Agenesis** *OBSTETRICS AND GYNECOLOGY*
Sugarman, J., Anderson, J., Baschat, A. A., Beutler, J., Bienstock, J. L., Bunchman, T. E., Desai, N. M., Gates, E., Goldberg, A., Grimm, P. C., Henry, L., Jelin, E. B., Johnson, et al
2018; 131 (1): 130–34
- **Persistent C4d and antibody-mediated rejection in pediatric renal transplant patients** *PEDIATRIC TRANSPLANTATION*
South, A. M., Maestretti, L., Kambham, N., Grimm, P. C., Chaudhuri, A.
2017; 21 (7)
- **Persistent C4d and antibody-mediated rejection in pediatric renal transplant patients.** *Pediatric transplantation*
South, A. M., Maestretti, L., Kambham, N., Grimm, P. C., Chaudhuri, A.
2017; 21 (7)
- **SUPERIOR LONG-TERM HYPERTENSION MANAGEMENT IN PEDIATRIC KIDNEY TRANSPLANT RECIPIENTS WITH BILATERAL NATIVE NEPHRECTOMIES.**
Stoltz, D. J., Brubaker, A., Maestretti, L., Chaudhuri, A., Grimm, P., Concepcion, W., Gallo, A.
WILEY.2017: 70–71
- **Ferumoxyl Is Not Retained in Kidney Allografts in Patients Undergoing Acute Rejection.** *Molecular imaging and biology*
Aghighi, M., Pisani, L., Theruvath, A. J., Muehe, A. M., Donig, J., Khan, R., Holdsworth, S. J., Kambham, N., Concepcion, W., Grimm, P. C., Daldrup-Link, H. E.
2017
- **Superior Long-Term Hypertension Management in Pediatric Kidney Transplant Recipients with Bilateral Native Nephrectomies**
Stoltz, D., Brubaker, A., Chaudhuri, A., Grimm, P., Concepcion, W., Gallo, A.
WILEY.2017: 762–63
- **Predicting severe pulmonary hypoplasia in lower urinary tract obstruction using fetal lung area**
Ruano, R., Dunn, T. N., Blumenfeld, Y. J., de la Penha, M. M., Koh, C. J., Angelo, J., Grimm, P., Hintz, S. R., Roth, D. R., Welty, S., Braun, M. C., Belfort, M. A.
MOSBY-ELSEVIER.2017: S102
- **Relationship Among Viremia/Viral Infection, Alloimmunity, and Nutritional Parameters in the First Year After Pediatric Kidney Transplantation.** *American journal of transplantation*
Ettenger, R., Chin, H., Kesler, K., Bridges, N., Grimm, P., Reed, E. F., Sarwal, M., Sibley, R., Tsai, E., Warshaw, B., Kirk, A. D.
2016
- **Prospective T cell Immunophenotyping Identifies Different Mechanisms Associated with Biopsy Proven Rejection vs. Donor Specific Antibody : A Report from the IMPACT Study Consortium**
Ettenger, R., Chin, H., Kesler, K., Warshaw, B., Grimm, P., Tsai, E., Sarwal, M., Kirk, A.
SPRINGER.2016: 1936
- **Low Pre- and Post-Transplant BMI and Weight are Associated with Viremia/Viral Infection and T cell exhaustion in Pediatric Kidney Transplantation in the First Post-Transplant Year : A Report from the IMPACT Study Consortium.**
Ettenger, R., Chin, H., Kesler, K., Grimm, P., Warshaw, B., Reed, E., Sarwal, M., Kirk, A.
SPRINGER.2016: 1935–36

- **Theophylline Population Pharmacokinetics and Dosing in Children Following Congenital Heart Surgery With Cardiopulmonary Bypass.** *Journal of clinical pharmacology*
Frymoyer, A., Su, F., Grimm, P. C., Sutherland, S. M., Axelrod, D. M.
2016; 56 (9): 1084-1093
- **Transplant immuno-diagnostics: crossmatch and antigen detection** *PEDIATRIC NEPHROLOGY*
South, A. M., Grimm, P. C.
2016; 31 (6): 897-905
- **Nox2 and Cyclosporine-Induced Renal Hypoxia** *TRANSPLANTATION*
Djamali, A., Wilson, N. A., Sadowski, E. A., Zha, W., Niles, D., Hafez, O., Dorn, J. R., Mehner, T. R., Grimm, P. C., Hoffmann, F. M., Zhong, W., Fain, S. B., Reese, et al
2016; 100 (6): 1198-1210
- **Low Pretransplant BMI/Weight and Changes in Posttransplant T Cell Exhaustion Levels Are Associated with Viremia/Viral Infection in Pediatric Kidney Transplantation in the First Post-Transplant-Year A Report from the IMPACT Study Consortium.**
Ettenger, R., Chin, H., Grimm, P., Kesler, K., Reed, E., Sarwal, M., Warshaw, B., Tsai, E., Kirk, A.
WILEY-BLACKWELL.2016: 750
- **A PRAGMATIC TRIAL OF DELAYED-RELEASE CYSTEAMINE BITARTRATE IN CHILDREN LESS THAN 6 YEARS OLD WITH CYSTINOSIS**
Langman, C. B., Greenbaum, L., Grimm, P., Elenberg, E., Deschenes, G., Niaudet, P., Morin, D., Checani, G.
OXFORD UNIV PRESS.2016: 330-31
- **DELAYED RELEASE CYSTEAMINE IN NEPHROPATHIC CYSTINOSIS PATIENTS AFTER RENAL TRANSPLANT: A SUBGROUP ANALYSIS**
Grimm, P., Langman, C., Cochat, P., Morin, D., Cornelissen, E., Deschenes, G., Elenberg, E., Greenbaum, L., Niaudet, P., Checani, G.
OXFORD UNIV PRESS.2016: 1569
- **Cysteamine in renal transplantation: A report of two patients with nephropathic cystinosis and the successful re-initiation of cysteamine therapy during the immediate post-transplant period.** *Pediatric transplantation*
Berryhill, A., Bhamre, S., Chaudhuri, A., Concepcion, W., Grimm, P. C.
2016; 20 (1): 141-145
- **Small pediatric deceased donors for pediatric renal transplant recipients** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Grimm, P., Concepcion, W.
2016; 20 (1): 7-10
- **THEOPHYLLINE POPULATION PHARMACOKINETICS AND DOSING IN CHILDREN FOLLOWING CONGENITAL HEART SURGERY WITH CARDIOPULMONARY BYPASS.**
Frymoyer, A., Su, F., Grimm, P. C., Sutherland, S. M., Axelrod, D. M.
WILEY-BLACKWELL.2016: S84
- **A Double-Blinded, Randomized, Placebo-Controlled Clinical Trial of Aminophylline to Prevent Acute Kidney Injury in Children Following Congenital Heart Surgery With Cardiopulmonary Bypass.** *Pediatric critical care medicine*
Axelrod, D. M., Sutherland, S. M., Anglemyer, A., Grimm, P. C., Roth, S. J.
2016; 17 (2): 135-143
- **Pediatric deceased donor renal transplantation: An approach to decision making I. Pediatric kidney allocation in the USA: The old and the new** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Gallo, A., Grimm, P.
2015; 19 (7): 776-784
- **Pediatric deceased donor renal transplantation: An approach to decision making II. Acceptability of a deceased donor kidney for a child, a snap decision at 3 AM** *PEDIATRIC TRANSPLANTATION*
Chaudhuri, A., Gallo, A., Grimm, P.
2015; 19 (7): 785-791
- **Limited Variation in BK Virus T-Cell Epitopes Revealed by Next-Generation Sequencing.** *Journal of clinical microbiology*
Sahoo, M. K., Tan, S. K., Chen, S. F., Kapusinszky, B., Concepcion, K. R., Kjelson, L., Mallemapati, K., Farina, H. M., Fernández-Viña, M., Tyan, D., Grimm, P. C., Anderson, M. W., Concepcion, et al
2015; 53 (10): 3226-3233

- **Whether or not to accept a deceased donor kidney offer for a pediatric patient** *PEDIATRIC NEPHROLOGY*
Chaudhuri, A., James, G., Grimm, P.
2015; 30 (9): 1529-1536
- **Haemodialysis is an effective treatment in acute metabolic decompensation of maple syrup urine disease** *MOLECULAR GENETICS AND METABOLISM REPORTS*
Atwal, P. S., Macmurdo, C., Grimm, P. C.
2015; 4: 46–48
- **CYSTEAMINE IN RENAL TRANSPLANTATION: A REPORT OF TWO PATIENTS WITH NEPHROPATHIC CYSTINOSIS AND THE SUCCESSFUL RE- INITIATION OF CYSTEAMINE THERAPY IN THE IMMEDIATE POST-TRANSPLANT PERIOD**
Berryhill, A., Bhamre, S., Chaudhuri, A., Concepcion, W., Grimm, P.
WILEY-BLACKWELL.2015: 108
- **Quality of Life is Improved and Kidney Function Preserved in Patients with Nephropathic Cystinosis Treated for 2 Years with Delayed-Release Cysteamine Bitartrate.** *journal of pediatrics*
Langman, C. B., Greenbaum, L. A., Grimm, P., Sarwal, M., Niaudet, P., Deschenes, G., Cornelissen, E. A., Morin, D., Cochat, P., Elenberg, E., Hanna, C., Gaillard, S., Bagger, et al
2014; 165 (3): 528-533 e1
- **Immune cell function assay does not identify biopsy-proven pediatric renal allograft rejection or infection.** *Pediatric transplantation*
Ryan, C. M., Chaudhuri, A., Concepcion, W., Grimm, P. C.
2014; 18 (5): 446-452
- **HLA and MICA Alloantibody Profiling in Pediatric Renal Transplant Recipients: Report From The Clinical Trials in Organ Transplantation in Children (CTOTC-02)**
Rao, P., Korin, Y., Warshaw, B., Sarwal, M., Tsai, E., Ettenger, R., Grimm, P., Ikle, D., Sledge, T., Kirk, A., Reed, E.
LIPPINCOTT WILLIAMS & WILKINS.2014: 12–13
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