

# Stanford

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## Paul C. Grimm

Professor of Pediatrics (Nephrology)

Pediatrics - Nephrology

 NIH Biosketch available Online

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Nephrology Clinic**

770 Welch Rd Ste 300

Palo Alto, CA 94304

Tel (650) 724-0353

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### ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

Kim Sands - Admin. Pediatric Nephrology

**Email** ksands@stanford.edu

**Tel** 650-723-7903

### Bio

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#### 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

- Board Certification: Pediatric Nephrology, American Board of Pediatrics (2020)
- 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
- 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

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### 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

- Early Trial of Allogeneic Hematopoietic Stem Cell Transplantation for Patients Who Will Receive a Kidney Transplant From the Same Donor, Recruiting
- The Effect of Exercise on Muscle Dysfunction in Cystinosis, Recruiting
- Perioperative Aminophylline to Improve Early Kidney Function After a Kidney Transplant, Not Recruiting
- Pharmacokinetics, Safety and Tolerability of Single-dose Belatacept in Adolescent Kidney Transplant Recipients, Not Recruiting

## Publications

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### PUBLICATIONS

- **Defining systolic blood pressure normative values in hospitalized pediatric patients: a single center experience.** *Pediatric research*  
Uber, A. M., Han, J., Grimm, P., Montez-Rath, M. E., Chaudhuri, A.  
2024
- **Angiotensin-II Use for Refractory Hypotension in an Infant With Bilateral Renal Agenesis.** *Pediatrics*  
Razdan, S., Davis, A. S., Tidmarsh, G., Hintz, S. R., Grimm, P. C., Chock, V. Y.  
2023
- **Relationship between epa level of supervision with their associated subcompetency milestone levels in pediatric fellow assessment.** *BMC medical education*  
Mink, R. B., Carraccio, C. L., Herman, B. E., Weiss, P., Turner, D. A., Stafford, D. E., McGann, K. A., Kesselheim, J., Hsu, D. C., High, P. C., Fussell, J. J., Curran, M. L., Chess, et al  
2023; 23 (1): 720
- **Immunosuppression and recurrence free parental donor kidney transplant in patient with previous graft loss secondary to recurrent FSGS using prospective a/b T cell, CD19 depleted haploidentical parental stem cell transplant**  
Grimm, P., Wong, C., Goldstein-Fuchs, D., Chaudhuri, A., James, G., Boyd, D., Good, J., Woo, M., Gallo, A., Bertaina, A.  
SPRINGER.2023: 2332

- **Entrustable professional activities as an assessment and educational tool in pediatric nephrology**  
Mahan, J., Samuels, J., Symons, J., Neu, A., Grimm, P., Mink, R., Hermann, B., Schwartz, A., Warshaw, B., George, R.  
SPRINGER.2023: 2481-2482
- **POST-TRANSPLANT LYMPHOPROLIFERATIVE DISEASE IN A PATIENT WITH SCHIMKE IMMUNO-OSSEOUS DYSPLASIA**  
Rao, R., Grimm, P., Lewis, D., Spunt, S., Marks, L.  
WILEY.2023: S75-S76
- **HLA-DR/DQ Single Molecule Eplet Mismatch And Formation Of De Novo Donor-Specific Anti-HLA Antibodies After Kidney Transplantation In Children**  
Sigurjonsdottir, V., Piburn, K., Grimm, P., Zhang, B. M.  
WILEY.2023
- **Cystatin C and Creatinine Concentrations are Uninformative Biomarkers of Sarcopenia: A Cross-Sectional NHANES Study.** *Journal of renal nutrition : the official journal of the Council on Renal Nutrition of the National Kidney Foundation*  
Shah, L. N., Leonard, M. B., Ziolkowski, S. L., Grimm, P., Long, J.  
2023
- **Sequential Stem Cell-Kidney Transplantation in Schimke Immuno-osseous Dysplasia Reply** *NEW ENGLAND JOURNAL OF MEDICINE*  
Bertaina, A., Grimm, P. C., Weinberg, K.  
2022; 387 (9): 860
- **Sequential Stem Cell-Kidney Transplantation in Schimke Immuno-osseous Dysplasia. Reply.** *The New England journal of medicine*  
Bertaina, A., Grimm, P. C., Weinberg, K.  
2022; 387 (9): 860
- **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
- **Improving Quality of Care and Outcomes for Pediatric Patients With End-stage Kidney Disease The Importance of Pediatric Nephrology Expertise** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
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., Dhamdhere, G., Ramachandran, V., Spatz, J. M., Fathallah-Shaykh, S., Atkinson, T. P., Al-Uzri, et al  
2022; 386 (24): 2295-2302
- **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: 706
- **Baseline Trends in Tacrolimus Inpatient Variability in Pediatric and Young Adult Kidney Transplant Recipients.**  
Piburn, K., Maestretti, L., Patton, M. V., McGrath, A. M., Indridason, O. S., Chaudhuri, A., Grimm, P., Sigurjonsdottir, V.  
WILEY.2022: 697
- **HLA-DR/DQ Single Molecule Eplet Mismatch and Formation of De Novo Donor-Specific Anti-HLA Antibodies After Kidney Transplantation in Children.**

- Sigurjonsdottir, V. K., Piburn, K., Grimm, P. C., Zhang, B. M.  
WILEY.2022: 380
- **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: 1084-1085
  - **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
  - **Complement-Binding Donor-Specific Anti-HLA Antibodies: Biomarker for Immunologic Risk Stratification in Pediatric Kidney Transplantation Recipients.** *Transplant international : official journal of the European Society for Organ Transplantation*  
Sigurjonsdottir, V. K., Purington, N., Chaudhuri, A., Zhang, B. M., Fernandez-Vina, M., Palsson, R., Kambham, N., Charu, V., Piburn, K., Maestretti, L., Shah, A., Gallo, A., Concepcion, et al  
2022; 35: 10158
  - **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., Contrepolis, 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
  - **Functional Immune Tolerance Induced By Sequential Hematopoietic Stem Cell-Solid Organ Transplantation**  
Bertaina, A., Barbarito, G., Ramachandran, V. V., Kristovich, K., Lippner, E., Fathallah-Shaykh, S., Al-Uzri, A., Shah, A. J., Aubert, G., Slepicka, P., Oppizzi, L., Agarwal, R., Roncarolo, et al  
AMER SOC HEMATOLOGY.2021: 1818+
  - **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 Nephroathic 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
- **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.  
WILEY-BLACKWELL.2014: 12-13
- **Use of eculizumab and plasma exchange in successful combined liver-kidney transplantation in a case of atypical HUS associated with complement factor H mutation.** *Pediatric nephrology*  
Tran, H., Chaudhuri, A., Concepcion, W., Grimm, P. C.  
2014; 29 (3): 477-480
- **Initial Experience Using Aminophylline to Improve Renal Dysfunction in the Pediatric Cardiovascular ICU** *PEDIATRIC CRITICAL CARE MEDICINE*  
Axelrod, D. M., Anglemeyer, A. T., Sherman-Levine, S. F., Zhu, A., Grimm, P. C., Roth, S. J., Sutherland, S. M.  
2014; 15 (1): 21-27
- **BK Polyomavirus Subtype III in a Pediatric Renal Transplant Patient with Nephropathy.** *Journal of clinical microbiology*  
Kapusinszky, B., Chen, S. F., Sahoo, M. K., Lefterova, M. I., Kjelson, L., Grimm, P. C., Kambham, N., Concepcion, W., Pinsky, B. A.  
2013; 51 (12): 4255-4258
- **Extended Treatment of Patients with Cystinosis and CKD with RP103 Demonstrates Efficacy and Safety**  
Langman, C. B., Rioux, P., Greenbaum, L., Deschenes, G., Grimm, P. C., Cochat, P., Morin, D., Niaudet, P., Corenelissen, E., Ellenberg, E.  
SPRINGER.2013: 1363
- **Role of 24 Hour Ambulatory Blood Pressure Monitoring after Pediatric Renal Transplantation.** *13th American Transplant Congress (ATC)*  
Tran, H., KJELSON, L., Grimm, P., Chaudhuri, A.  
WILEY-BLACKWELL.2013: 151-151

- **Conversion From Tacrolimus/Mycophenolic Acid to Tacrolimus/Leflunomide to Treat Cutaneous Warts in a Series of Four Pediatric Renal Allograft Recipients** *TRANSPLANTATION*  
Lieuco Nguyen, L., McClellan, R. B., Chaudhuri, A., Alexander, S. R., Chen, S. F., Concepcion, W., Grimm, P.  
2012; 94 (5): 450-455
- **Rituximab treatment for recurrence of nephrotic syndrome in a pediatric patient after renal transplantation for congenital nephrotic syndrome of Finnish type** *PEDIATRIC TRANSPLANTATION*  
Chaudhuri, A., Kambham, N., Sutherland, S., Grimm, P., Alexander, S., Concepcion, W., Sarwal, M., Wong, C.  
2012; 16 (5): E183-E187
- **A Randomized Controlled Crossover Trial with Delayed-Release Cysteamine Bitartrate in Nephropathic Cystinosis: Effectiveness on White Blood Cell Cystine Levels and Comparison of Safety** *CLINICAL JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Langman, C. B., Greenbaum, L. A., Sarwal, M., Grimm, P., Niaudet, P., Deschenes, G., Cornelissen, E., Morin, D., Cochat, P., Matossian, D., Gaillard, S., Bagger, M. J., Rioux, et al  
2012; 7 (7): 1112-1120
- **Steroid-free immunosuppression in teenagers: Living without a safety net** *PEDIATRIC TRANSPLANTATION*  
Grimm, P. C., Concepcion, W.  
2012; 16 (4): 305-307
- **Steroid avoidance in renal transplantation** *CURRENT OPINION IN ORGAN TRANSPLANTATION*  
Lightner, A., Concepcion, W., Grimm, P.  
2011; 16 (5): 477-482
- **Screening for NPHS2 Mutations May Help Predict FSGS Recurrence after Transplantation** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Jungraithmayr, T. C., Hofer, K., Cochatt, P., Chemin, G., Cortina, G., Fargue, S., Grimm, P., Knueppel, T., Kowarsch, A., Neuhaus, T., Pagel, P., Pfeiffer, K. P., Schaefer, et al  
2011; 22 (3): 579-585
- **Morphometric and Visual Evaluation of Fibrosis in Renal Biopsies** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Farris, A. B., Adams, C. D., Broussades, N., Della Pelle, P. A., Collins, A. B., Moradi, E., Smith, R. N., Grimm, P. C., Colvin, R. B.  
2011; 22 (1): 176-186
- **Ethnic Differences in Rates of Peritubular Capillary Dropout in Post-Transplant Fibrosis Observed in Protocol Renal Allograft Biopsies.** *10th American Transplant Congress*  
Talley, E. M., Moradi, E., Bhamre, S., Grimm, P. C., Kambham, N.  
WILEY-BLACKWELL.2010: 341-341
- **Development of Computerized Image Analysis to Enhance the Reliability and Reproducibility of Renal Allograft Rejection Quantitation**  
Garro, R., Moradi, E., Kambham, N., Grimm, P.  
WILEY-BLACKWELL PUBLISHING, INC.2010: 43-44
- **Steroid-Free Immunosuppression Since 1999: 129 Pediatric Renal Transplants with Sustained Graft and Patient Benefits** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Li, L., Chang, A., Naesens, M., Kambham, N., Waskerwitz, J., Martin, J., Wong, C., Alexander, S., Grimm, P., Concepcion, W., Salvatierra, O., Sarwal, M. M.  
2009; 9 (6): 1362-1372
- **Melamine nephrotoxicity: an emerging epidemic in an era of globalization** *KIDNEY INTERNATIONAL*  
Bhalla, V., Grimm, P. C., Chertow, G. M., Pao, A. C.  
2009; 75 (8): 774-779
- **Multicenter trial of everolimus in pediatric renal transplant recipients: Results at three year** *PEDIATRIC TRANSPLANTATION*  
Ettenger, R., Hoyer, P., Grimm, P., Webb, N., Loirat, C., Mahan, J. D., Mentser, M., Niaudet, P., Offner, G., Vandamme-Lombaerts, R., Hexham, J. M.  
2008; 12 (4): 456-463
- **Incidence of PTLD in pediatric renal transplant recipients receiving basiliximab, calcineurin inhibitor, sirolimus and steroids** *AMERICAN JOURNAL OF TRANSPLANTATION*  
McDonald, R. A., Smith, J. M., Ho, M., Lindblad, R., Ikle, D., Grimm, P., Wyatt, R., Arar, M., Liereman, D., Bridges, N., Harmon, W.  
2008; 8 (5): 984-989
- **Extended enrollment and analysis of a prospective steroid-free immunosuppression trial supports study safety and efficacy**

- Li, L., Salvatierra, O., Concepcion, W., Wong, C., Alexander, S., Grimm, P., Martin, J., Sarwal, M.  
BLACKWELL PUBLISHING.2008: 253-54
- **Banff '05 Meeting report: Differential diagnosis of chronic allograft injury and elimination of chronic allograft nephropathy ('CAN')** *AMERICAN JOURNAL OF TRANSPLANTATION*  
Solez, K., Colvin, R. B., Racusen, L. C., Sis, B., Halloran, P. F., Birk, P. E., Campbell, P. M., Cascalho, M., Collins, A. B., Demetris, A. J., Drachenberg, C. B., Gibson, I. W., Grimm, et al  
2007; 7 (3): 518-526
  - **Sirolimus pharmacokinetics in pediatric renal transplant recipients receiving calcineurin inhibitor co-therapy** *PEDIATRIC TRANSPLANTATION*  
Schachter, A. D., Benfield, M. R., Wyatt, R. J., Grimm, P. C., Fennell, R. S., Herrin, J. T., Lirenman, D. S., McDonald, R. A., Munoz-Arizpe, R., Harmon, W. E.  
2006; 10 (8): 914-919
  - **Use of an immune function assay to monitor immunosuppression** *PEDIATRIC TRANSPLANTATION*  
Grimm, P.  
2006; 10 (5): 533-535
  - **Transcriptional analysis of the molecular basis of human kidney aging using cDNA microarray profiling** *KIDNEY INTERNATIONAL*  
Melk, A., Mansfield, E. S., Hsieh, S. C., Hernandez-Boussard, T., Grimm, P., Rayner, D. C., Halloran, P. F., Sarwal, M. M.  
2005; 68 (6): 2667-2679
  - **Expression and role of the hyaluronan receptor RHAMM in inflammation after bleomycin injury** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*  
Zaman, A., Cui, Z., Foley, J. P., Zhao, H. J., Grimm, P. C., DeLisser, H. M., Savani, R. C.  
2005; 33 (5): 447-454
  - **Novel methods of prediction of long-term renal allograft outcome** *PEDIATRIC TRANSPLANTATION*  
Grimm, P. C.  
2004; 8 (6): 531-532
  - **Computerized image analysis vs semiquantitative scoring in evaluation of kidney allograft fibrosis and prognosis** *NEPHROLOGY DIALYSIS TRANSPLANTATION*  
Sund, S., Grimm, P., Reisaeter, A. V., Hovig, T.  
2004; 19 (11): 2838-2845
  - **Dietary phosphorus reduction by pretreatment of human breast milk with sevelamer** *PEDIATRIC NEPHROLOGY*  
Ferrara, E., Lemire, J., Reznik, V. M., Grimm, P. C.  
2004; 19 (7): 775-779
  - **The protocol renal allograft biopsy: Has its time come?** *PEDIATRIC TRANSPLANTATION*  
Grimm, P.  
2004; 8 (1): 3-5
  - **Mycobacterial peritonitis in pediatric peritoneal dialysis patients** *PEDIATRIC NEPHROLOGY*  
Ferrara, E., Lemire, J., Grimm, P. C., Reznik, V. M., Mendoza, S. A., Leake, J. A., Benador, N. M.  
2004; 19 (1): 114-117
  - **Computer-assisted quantification of fibrosis in chronic allograft nephropathy by picosirius red-staining: A new tool for predicting long-term graft function** *TRANSPLANTATION*  
Pape, L., Henne, T., Offner, G., Strehlau, J., Ehrich, J. H., Mengel, M., Grimm, P. C.  
2003; 76 (6): 955-958
  - **Cell senescence in rat kidneys in vivo increases with growth and age despite lack of telomere shortening** *KIDNEY INTERNATIONAL*  
Melk, A., Kittikowit, W., Sandhu, I., Halloran, K. M., Grimm, P., Schmidt, B. M., Halloran, P. F.  
2003; 63 (6): 2134-2143
  - **Computerized image analysis of sirius red-stained renal allograft biopsies as a surrogate marker to predict long-term allograft function** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Grimm, P. C., Nickerson, P., Gough, J., McKenna, R., Stern, E., Jeffery, J., Rush, D. N.  
2003; 14 (6): 1662-1668

- **Neointimal and tubulointerstitial infiltration by recipient mesenchymal cells in chronic renal-allograft rejection.** *NEW ENGLAND JOURNAL OF MEDICINE*  
Grimm, P. C., Nickerson, P., Jeffery, J., Savani, R. C., Gough, J., McKenna, R. M., Stern, E., Rush, D. N.  
2001; 345 (2): 93-97
- **Transjugular intrahepatic portosystemic shunt prior to renal transplantation in a child with autosomal-recessive polycystic kidney disease and portal hypertension: A case report** *PEDIATRIC TRANSPLANTATION*  
Benador, N., Grimm, P., Lavine, J., Rosenthal, P., Reznik, V., Lemire, J.  
2001; 5 (3): 210-214
- **Neoral pharmacokinetics in Latino and Caucasian pediatric renal transplant recipients** *PEDIATRIC NEPHROLOGY*  
Lemire, J., Capparelli, E. V., Benador, N., Grimm, P., MacDonald, D., Reznik, V.  
2001; 16 (4): 311-314
- **A role for hyaluronan in macrophage accumulation and collagen deposition after bleomycin-induced lung injury** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*  
Savani, R. C., Hou, G. P., Liu, P., Wang, C., Simons, E., Grimm, P. C., Stern, R., Greenberg, A. H., DeLisser, H. M., Khalil, N.  
2000; 23 (4): 475-484
- **Interstitial nephritis in children with Crohn's disease** *CLINICAL PEDIATRICS*  
Benador, N., Grimm, P., Lemire, J., Griswold, W., Billman, G., Reznik, V.  
2000; 39 (4): 253-254
- **Quantitation of allograft fibrosis and chronic allograft nephropathy.** *Pediatric transplantation*  
Grimm, P. C., Nickerson, P., Gough, J., McKenna, R., Jeffery, J., Birk, P., Rush, D. N.  
1999; 3 (4): 257-270
- **Effect of increasing baseline immunosuppression on the prevalence of clinical and subclinical rejection: A pilot study** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Nickerson, P., Jeffery, J., Gough, J., Grimm, P., McKenna, R., Birk, P., Rush, D.  
1999; 10 (8): 1801-1805
- **Clinical rejection is distinguished from subclinical rejection by increased infiltration by a population of activated macrophages** *31st Congress of the American-Society-of-Nephrology*  
Grimm, P. C., McKenna, R., Nickerson, P., Russell, M. E., Gough, J., Gospodarek, E., Liu, B., Jeffery, J., Rush, D. N.  
AMER SOC NEPHROLOGY.1999: 1582-89
- **Immune-activation gene expression in clinically stable renal allograft biopsies - Molecular evidence for subclinical rejection** *17th Annual Meeting of the American-Society-of-Transplant-Physicians*  
Lipman, M. L., Shen, Y. N., Jeffery, J. R., Gough, J., McKenna, R. M., Grimm, P. C., Rush, D. N.  
LIPPINCOTT WILLIAMS & WILKINS.1998: 1673-81
- **Protocol biopsies in renal transplantation: research tool or clinically useful?** *CURRENT OPINION IN NEPHROLOGY AND HYPERTENSION*  
Rush, D. N., Nickerson, P., Jeffery, J. R., McKenna, R. M., Grimm, P. C., Gough, J.  
1998; 7 (6): 691-694
- **Beneficial effects of treatment of early subclinical rejection: A randomized study** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Rush, D., Nickerson, P., Gough, J., McKenna, R., Grimm, P., Cheang, M., Trpkov, K., SOLEZ, K., Jeffery, J.  
1998; 9 (11): 2129-2134
- **Matching for private or public HLA epitopes reduces acute rejection episodes and improves two-year renal allograft function** *TRANSPLANTATION*  
McKenna, R. M., Lee, K. R., Gough, J. C., Jeffery, J. R., Grimm, P. C., Rush, D. N., Nickerson, P.  
1998; 66 (1): 38-43
- **Nonradioactive Northern blotting with biotinylated and digoxigenin-labeled RNA probes** *ELECTROPHORESIS*  
Meltzer, J. C., Sanders, V., Grimm, P. C., Chiasson, N., Hoeltke, H. J., Garrett, K. L., Greenberg, A. H., Nance, D. M.  
1998; 19 (8-9): 1351-1355
- **Production of digoxigenin-labelled RNA probes and the detection of cytokine mRNA in rat spleen and brain by in situ hybridization** *BRAIN RESEARCH PROTOCOLS*  
Meltzer, J. C., Sanders, V., Grimm, P. C., Stern, E., Rivier, C., Lee, S., Rennie, S. L., Gietz, R. D., Hole, A. K., Watson, P. H., Greenberg, A. H., Nance, D. M.

1998; 2 (4): 339-351

- **Pediatric renal transplantation: indications and special considerations. A position paper from the Pediatric Committee of the American Society of Transplant Physicians.** *Pediatric transplantation*  
Davis, I. D., Bunchman, T. E., Grimm, P. C., Benfield, M. R., Briscoe, D. M., Harmon, W. E., Alexander, S. R., Avner, E. D.  
1998; 2 (2): 117-129
- **Identification of clinical and histopathologic risk factors for diminished renal function 2 years posttransplant** *JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY*  
Nickerson, P., Jeffery, J., Gough, J., McKenna, R., Grimm, P., Cheang, M., Rush, D.  
1998; 9 (3): 482-487
- **The receptor for hyaluronan-mediated motility is expressed in human renal allografts and is correlated with Banff chronic rejection scores** *VI Alexis Carrel Conference on Chronic Rejection and Graft Atherosclerosis*  
Routledge, M. W., Rush, D., McKenna, R., Gough, J., Jeffery, J., Stern, E., Liu, B., Savani, R. C., Grimm, P. C.  
ELSEVIER SCIENCE INC.1997: 2603-4
- **Enhanced immunohistochemical detection of autonomic nerve fibers, cytokines and inducible nitric oxide synthase by light and fluorescent microscopy in rat spleen** *JOURNAL OF HISTOCHEMISTRY & CYTOCHEMISTRY*  
Meltzer, J. C., Grimm, P. C., Greenberg, A. H., Nance, D. M.  
1997; 45 (4): 599-610
- **Histamine H-1-receptors in the nasal mucosa: A mystery solved?** *CLINICAL AND EXPERIMENTAL ALLERGY*  
Simons, F. E., Grimm, P. G.  
1996; 26 (4): 368-370
- **LOW-FREQUENCY OF INFILTRATING CELLS INTENSELY EXPRESSING T-CELL CYTOKINE MESSENGER-RNA IN HUMAN RENAL-ALLOGRAFT REJECTION** *13th Annual Meeting of the American-Society-of-Transplant-Physicians*  
Grimm, P. C., McKenna, R. M., GOSPODAREK, E. M., Jeffery, J. R., Rush, D. N.  
WILLIAMS & WILKINS.1995: 579-84
- **HEMOLYTIC-UREMIC SYNDROME - THE MOST COMMON-CAUSE OF ACUTE-RENAL-FAILURE IN CHILDHOOD** *PEDIATRIC ANNALS*  
Grimm, P. C., OGBORN, P. R.  
1994; 23 (9): 505-511
- **RAPID NONRADIOACTIVE IN-SITU HYBRIDIZATION FOR INTERLEUKIN-2 MESSENGER-RNA WITH RIBOPROBES GENERATED USING THE POLYMERASE CHAIN-REACTION** *JOURNAL OF IMMUNOLOGICAL METHODS*  
Birk, P. E., Grimm, P. C.  
1994; 167 (1-2): 83-89
- **RENAL TUBULE NA,K-ATPASE POLARITY IN GLUCOCORTICOID-INDUCED POLYCYSTIC KIDNEY-DISEASE** *JOURNAL OF HISTOCHEMISTRY & CYTOCHEMISTRY*  
Ogborn, M. R., Sareen, S., Grimm, P. C.  
1993; 41 (4): 555-558
- **PEDIATRIC RENAL BIOPSY IN THE AMBULATORY CARE ENVIRONMENT** *PEDIATRIC NEPHROLOGY*  
Ogborn, M. R., Grimm, P. C.  
1992; 6 (3): 311-312
- **Pediatric renal transplantation. Advances in pediatrics**  
Grimm, P. C., Ettenger, R.  
1992; 39: 441-493
- **RENAL-TRANSPLANTATION IN CHILDREN** *PEDIATRIC ANNALS*  
Yadin, O., Grimm, P. C., Ettenger, R. B.  
1991; 20 (12): 657-667
- **THE IMPACT OF RECOMBINANT-HUMAN-ERYTHROPOIETIN THERAPY ON RENAL-TRANSPLANTATION** *AMERICAN JOURNAL OF KIDNEY DISEASES*  
Ettenger, R. B., Marik, J., Grimm, P.  
1991; 18 (4): 57-61

- **SENSITIZED LYMPHOCYTES-B CONTRIBUTE TO ACUTE ALLOGRAFT-REJECTION** *JOURNAL OF SURGICAL RESEARCH*  
Gritsch, H. A., Grimm, P. C., Ettenger, R. B., Rosenthal, J. T.  
1991; 51 (3): 204-209
- **CADAVER RENAL-TRANSPLANTATION IN CHILDREN - LONG-TERM IMPACT OF NEW IMMUNOSUPPRESSIVE STRATEGIES** *SYMP ON NEW CONCEPTS IN PEDIATRIC TRANSPLANTATION*  
Ettenger, R. B., Rosenthal, J. T., Marik, J., Malekzadeh, M., Grimm, P. C., Salusky, I. B., Kamil, E. S., Fine, R. N.  
MUNKSGAARD INT PUBL LTD.1991: 197-203
- **RECOMBINANT HUMAN ERYTHROPOETIN DECREASES ANTI-HLA SENSITIZATION AND MAY IMPROVE RENAL-ALLOGRAFT OUTCOME - INVOLVEMENT OF ANTIDIOTYPIC ANTIBODY** *13TH INTERNATIONAL CONGRESS OF THE TRANSPLANTATION SOC*  
Grimm, P. C., SEKIYA, N. M., Robertson, L. S., Robinson, B. J., Ettenger, R. B.  
ELSEVIER SCIENCE INC.1991: 407-8
- **LONG-TERM RESULTS WITH CYCLOSPORINE IMMUNE SUPPRESSION IN PEDIATRIC CADAVER RENAL-TRANSPLANTATION** *TRANSPLANTATION PROCEEDINGS*  
Ettenger, R. B., Rosenthal, J. T., Marik, J., Grimm, P. C., Nelson, P., MALEKZADEH, M. H., Fine, R. N.  
1991; 23 (1): 1011-1012
- **HIGH CELLULAR ANTI-HLA IMMUNE RESPONSIVENESS ACCOMPANIES THE HIGHLY SENSITIZED (HIGH PRA) STATE IN DIALYSIS PATIENTS** *13TH INTERNATIONAL CONGRESS OF THE TRANSPLANTATION SOC*  
Grimm, P. C., Ettenger, R. B.  
ELSEVIER SCIENCE INC.1991: 405-6
- **CADAVER RENAL-TRANSPLANTATION IN CHILDREN - RESULTS WITH LONG-TERM CYCLOSPORINE IMMUNOSUPPRESSION** *LONG-TERM RENAL TRANSPLANT ROUNDTABLE / 4TH CONGRESS OF THE EUROPEAN SOC FOR ORGAN TRANSPLANTATION*  
Ettenger, R. B., Rosenthal, J. T., Marik, J., Nelson, P., Malekzadeh, M., Grimm, P. C., Kamil, E. S., Salusky, I. B., Fine, R. N.  
MUNKSGAARD INT PUBL LTD.1990: 329-36
- **EFFECTS OF RECOMBINANT-HUMAN-ERYTHROPOIETIN ON HLA SENSITIZATION AND CELL-MEDIATED-IMMUNITY** *KIDNEY INTERNATIONAL*  
Grimm, P. C., SINAITRIEMAN, L., SEKIYA, N. M., Robertson, L. S., Robinson, B. J., Fine, R. N., Ettenger, R. B.  
1990; 38 (1): 12-18
- **THE MICROANATOMY OF THE INTRAHEPATIC BILE-DUCT IN POLYCYSTIC DISEASE - COMPARISON OF THE CPK MOUSE AND HUMAN** *JOURNAL OF EXPERIMENTAL PATHOLOGY*  
Grimm, P. C., Crocker, J. F., Malatjalian, D. A., Ogborn, M. R.  
1990; 71 (1): 119-131
- **NIFEDIPINE, VERAPAMIL AND CYCLOSPORINE-A PHARMACOKINETICS IN CHILDREN** *PEDIATRIC NEPHROLOGY*  
Ogborn, M. R., Crocker, J. F., Grimm, P. C.  
1989; 3 (3): 314-316
- **INTERSTITIAL NEPHRITIS INDUCED BY CLOXACILLIN** *NEPHRON*  
Grimm, P. C., Ogborn, M. R., Larson, A. J., Crocker, J. F.  
1989; 51 (2): 285-286