



## Michael J Rosen, MD, MSCI

Stanford University Endowed Professor for Pediatric IBD and Celiac Disease  
Pediatrics - Gastroenterology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Gastroenterology**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Ariel Harris, MPA - Administrative and Operations  
Coordinator

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**Tel** (650) 723-9589

### Bio

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#### BIO

Dr. Rosen is a pediatric gastroenterologist and physician scientist who has been devoted to advancing inflammatory bowel disease (IBD) research and care for 25 years. He is the inaugural Stanford University Endowed Professor for Pediatric IBD and Celiac Disease. He is also Director of the Stanford Medicine Children's Health Center for IBD and Celiac Disease, which has achieved nationally leading clinical outcomes under his direction. Dr. Rosen's research expertise crosses mucosal immunology and epithelial biology and clinical and translational investigation. His NIH-funded laboratory has demonstrated the protective role for type 2 cytokines in chronic intestinal inflammation and advanced intestinal organoids as a model to study IBD. His clinical research has demonstrated how proactive therapeutic drug monitoring can be incorporated into clinical practice to optimize anti-TNF therapy treatment response. Dr. Rosen led the multicenter ARCH Study, which demonstrated the importance of intensified anti-TNF drug dosing in pediatric acute severe ulcerative colitis. Presently, he is co-principal investigator for the Crohn's & Colitis Foundation's Cohort for Pediatric Translational and Clinical Research in IBD (CAPTURE IBD) which will advance precision medicine for children with IBD.

After graduating from Duke University, Dr. Rosen attended Harvard Medical School, followed by pediatrics residency at Boston Children's Hospital and Boston Medical Center. He pursued his pediatric gastroenterology fellowship at Vanderbilt University Medical Center, where he received a Master of Science in Clinical Investigation. He started his faculty career at Vanderbilt and then moved to Cincinnati Children's Hospital and the University of Cincinnati College of Medicine. There he rose to Medical Director of the Schubert Martin IBD Center and Associate Director for Faculty Development in the Gastroenterology division before moving to Stanford in 2021. Dr. Rosen serves on the editorial board for Inflammatory Bowel Diseases and the National Scientific Advisory Committee for the Crohn's & Colitis Foundation. Outside of work, Dr. Rosen enjoys spending time with his wife and two children at their activities, watching movies, downhill skiing, and getting outside.

#### CLINICAL FOCUS

- Pediatric Gastroenterology
- Pediatric Inflammatory Bowel Disease

## ACADEMIC APPOINTMENTS

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

## ADMINISTRATIVE APPOINTMENTS

- Endowed Director, Stanford Medicine Children's Health Center for IBD and Celiac Disease, (2021- present)

## HONORS AND AWARDS

- Fellow to Faculty Transition Award in IBD, NASPGHAN Foundation (2008)
- George Ferry Young Investigator Award, NASPGHAN Foundation (2009)
- Member, Society for Pediatric Research (2014)
- Member, American Pediatric Society (2022)
- David T Karzon Lectureship, Vanderbilt University Department of Pediatrics (2023)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board, Gastroenterology (2021 - 2024)
- Chair, PRO-KIIDS Pediatric IBD Research Network, Crohn's & Colitis Foundation (2019 - 2023)
- Editorial Board, Inflammatory Bowel Diseases (2015 - present)

## PROFESSIONAL EDUCATION

- Certification, International Bowel Ultrasound Group , Point of Care Intestinal Ultrasound (2025)
- Board Certification: Pediatric Gastroenterology, American Board of Pediatrics (2009)
- Fellowship: Vanderbilt University Medical Center (2009) TN
- Residency: Boston Childrens Hospital Pediatric Residency (2006) MA
- MD, Harvard Medical School (2003)
- Medical Education: Harvard Medical School (2003) MA
- BS, Duke University , Biology (1999)
- MSCI, Vanderbilt University School of Medicine , Clinical Investigation (2006)

## Teaching

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### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Ying Zhu

## Publications

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### PUBLICATIONS

- **Patient-derived colon epithelial organoids reveal lipid-related metabolic dysfunction in pediatric ulcerative colitis.** *Nature communications* Ojo, B. A., Zhu, Y., Heo, L., Fox, S. R., Qiao, Y., Waddell, A., Moreno-Fernandez, M. E., Gibson, M., Tran, T., Dunn, A. L., Elkawy, E. I., Saini, N., López-Rivera, et al  
2025; 16 (1): 11026

- **MULTICENTER COHORT STUDY OF INFLIXIMAB PHARMACOKINETICS AND THERAPY RESPONSE IN PEDIATRIC ACUTE SEVERE ULCERATIVE COLITIS.** *Clinical gastroenterology and hepatology : the official clinical practice journal of the American Gastroenterological Association*  
Whaley, K. G., Xiong, Y., Karns, R., Hyams, J. S., Kugathasan, S., Boyle, B. M., Walters, T. D., Kelsen, J., LeLeiko, N., Shapiro, J., Waddell, A., Fox, S., Bezold, et al  
2022
- **Targeted Assessment of Mucosal Immune Gene Expression Predicts Clinical Outcomes in Children with Ulcerative Colitis.** *Journal of Crohn's & colitis*  
Clarkston, K., Karns, R., Jegga, A. G., Sharma, M., Fox, S., Ojo, B. A., Minar, P., Walters, T. D., Griffiths, A. M., Mack, D. R., Boyle, B., LeLeiko, N. S., Markowitz, et al  
2022
- **The Promise of Patient-Derived Colon Organoids to Model Ulcerative Colitis.** *Inflammatory bowel diseases*  
Ojo, B. A., VanDussen, K. L., Rosen, M. J.  
2021
- **Effect of a Practice-wide Anti-TNF Proactive Therapeutic Drug Monitoring Program on Outcomes in Pediatric Patients with Inflammatory Bowel Disease** *INFLAMMATORY BOWEL DISEASES*  
Lyles, J. L., Mulgund, A. A., Bauman, L. E., Su, W., Fei, L., Chona, D. L., Sharma, P., Etter, R. K., Hellmann, J., Denson, L. A., Minar, P., Dykes, D. M., Rosen, et al  
2021; 27 (4): 482-492
- **Predicting Therapeutic Response in Pediatric Ulcerative Colitis-A Journey Towards Precision Medicine** *FRONTIERS IN PEDIATRICS*  
Colman, R. J., Dhaliwal, J., Rosen, M. J.  
2021; 9: 634739
- **IL-33 Induces Murine Intestinal Goblet Cell Differentiation Indirectly via Innate Lymphoid Cell IL-13 Secretion** *JOURNAL OF IMMUNOLOGY*  
Waddell, A., Vallance, J. E., Hummel, A., Alenghat, T., Rosen, M. J.  
2019; 202 (2): 598-607
- **Mucosal Expression of Type 2 and Type 17 Immune Response Genes Distinguishes Ulcerative Colitis From Colon-Only Crohn's Disease in Treatment-Naive Pediatric Patients** *GASTROENTEROLOGY*  
Rosen, M. J., Karns, R., Vallance, J. E., Bezold, R., Waddell, A., Collins, M. H., Haberman, Y., Minar, P., Baldassano, R. N., Hyams, J. S., Baker, S. S., Kellermayer, R., Noe, et al  
2017; 152 (6): 1345-+
- **IL-33 Signaling Protects from Murine Oxazolone Colitis by Supporting Intestinal Epithelial Function** *INFLAMMATORY BOWEL DISEASES*  
Waddell, A., Vallance, J. E., Moore, P. D., Hummel, A. T., Wu, D., Shanmukhappa, S. K., Fei, L., Washington, M., Minar, P., Coburn, L. A., Nakae, S., Wilson, K. T., Denson, et al  
2015; 21 (12): 2737-2746
- **Inflammatory Bowel Disease in Children and Adolescents** *JAMA PEDIATRICS*  
Rosen, M. J., Dhawan, A., Saeed, S. A.  
2015; 169 (11): 1053-1060
- **Multi-omics reveal vitamin D regulation of immune-gut microbiome interactions and tolerogenic pathways in inflammatory bowel disease.** *Cell reports. Medicine*  
Gubatan, J., Sojwal, R. S., Ye, J., Boye, T. L., Hoang, J. N., Fardeen, T., Temby, M., Rubin, S. J., Spencer, S. P., Kotagiri, P., Rogalla, S., Rosen, M. J., Nielsen, et al  
2026: 102703
- **Integrating Human Intestinal Organoids into FDA'S New Approach Methodologies for Drug Discovery.** *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*  
Patra, D., Sayed, I. M., Mukherjee, S., Piplani, H., Habtezion, A., Rosen, M. J., Wu, J. C.  
2026: e22276
- **Integrating intestinal ultrasound into routine clinical care improves prediction of biochemical disease activity in pediatric inflammatory bowel disease.** *Inflammatory bowel diseases*  
Patel, P. V., Zuniga, D. J., Goyal, A., Bensen, R., Bass, D., Moses, J., Rosen, M. J., Colman, R. J.  
2026

- **Deployment of a cloud-based passive defecation monitoring system for continuous gut health monitoring.** *Nature protocols*  
Song, Z., Kim, M., Lee, J., Kwon, T. H., Kim, J., Kim, J. H., Kim, S. G., Kim, S., Jun, B. H., Lee, S. H., Park, W. G., Sonu, I., Rosen, et al  
2026
- **CAPTURE IBD: Advancing Precision Medicine in Pediatric IBD.** *Inflammatory bowel diseases*  
Subedi, S., Albenberg, L. G., Bass, J. A., Bauman, L., Chevalier, R., Egberg, M., Goyal, A., Hoffenberg, E., Huang, J., Kelsen, J. R., Kugathasan, S., Minar, P., Niklinska-Schirtz, et al  
2025
- **Large Language Models Outperform Traditional Natural Language Processing Methods in Extracting Patient-Reported Outcomes in Inflammatory Bowel Disease.** *Gastro hep advances*  
Patel, P. V., Davis, C., Ralbovsky, A., Tinoco, D., Williams, C. Y., Slatter, S., Naderalvojud, B., Rosen, M. J., Hernandez-Boussard, T., Rudrapatna, V.  
2025; 4 (2): 100563
- **AI-Driven Defecation Analysis by Smart Healthcare Toilet: Exploring Biometric Patterns and Eu-Tenesmus.** *Advanced science (Weinheim, Baden-Wuerttemberg, Germany)*  
Song, Z., Kwon, T., Lee, J., Won, D. D., Lee, B. J., Choi, H. S., Liao, J. C., Park, W. G., Sonu, I., Rogalla, S., Rosen, M. J., Hu, D. L., Ziyang, et al  
2025: e2503247
- **Intensified Upadacitinib Dosing for Adolescent Patients with Acute Severe Ulcerative Colitis.** *Children (Basel, Switzerland)*  
Patel, P. V., Rigmaiden, M., Goyal, A., Bensen, R., Bass, D., Moses, J., Rosen, M. J., Colman, R. J.  
2025; 12 (4)
- **Large Language Models Outperform Traditional Natural Language Processing Methods in Extracting Patient- Reported Outcomes in Inflammatory Bowel Disease** *GASTRO HEP ADVANCES*  
Patel, P., Davis, C., Ralbovsky, A., Tinoco, D., Williams, C. Y. K., Slatter, S., Naderalvojud, B., Rosen, M. J., Hernandez-Boussard, T., Rudrapatna, V.  
2025; 4 (2)
- **Large language models outperform traditional natural language processing methods in extracting patient-reported outcomes in IBD.** *medRxiv : the preprint server for health sciences*  
Patel, P. V., Davis, C., Ralbovsky, A., Tinoco, D., Williams, C. Y., Slatter, S., Naderalvojud, B., Rosen, M. J., Hernandez-Boussard, T., Rudrapatna, V.  
2024
- **Challenges in IBD Research 2024: Precision Medicine.** *Inflammatory bowel diseases*  
Syed, S., Boland, B. S., Bourke, L. T., Chen, L. A., Churchill, L., Dobes, A., Greene, A., Heller, C., Jayson, C., Kostiuik, B., Moss, A., Najdawi, F., Plung, et al  
2024; 30 (Supplement\_2): S39-S54
- **Real-world effectiveness of ustekinumab and vedolizumab in TNF-exposed pediatric patients with ulcerative colitis.** *Journal of pediatric gastroenterology and nutrition*  
Patel, P. V., Zhang, A., Bhasuran, B., Ravindranath, V. G., Heyman, M. B., Verstraete, S. G., Butte, A. J., Rosen, M. J., Rudrapatna, V. A., ImproveCareNow Pediatric IBD Learning Health System  
2024
- **Total colectomy in severe Crohn's colitis in children: Is permanent ileostomy necessary?** *JOURNAL OF PEDIATRIC SURGERY OPEN*  
Salimi-Jazi, F., Rafeeqi, T., Cunningham, A., Park, K., Goyal, A., Rosen, M. J., Bruzoni, M.  
2023; 3
- **Recommendations for Standardizing MRI-based Evaluation of Perianal Fistulizing Disease Activity in Pediatric Crohn's Disease Clinical Trials.** *Inflammatory bowel diseases*  
Crowley, E., Ma, C., Guizzetti, L., Zou, G., Lewindon, P. J., Gee, M. S., Hyams, J. S., Rosen, M. J., von Allmen, D., de Buck van Overstraeten, A., Shackelton, L. M., Remillard, J., Schleicher, et al  
2023
- **Mucosal transcriptomics highlight lncRNAs implicated in ulcerative colitis, Crohn disease, and celiac disease.** *JCI insight*  
Braun, T., Sosnovski, K. E., Amir, A., BenShoshan, M., VanDussen, K. L., Karns, R., Levhar, N., Abbas-Egbariya, H., Hadar, R., Efroni, G., Castel, D., Avivi, C., Rosen, et al  
2023

- **Deep crypt secretory cell differentiation in the colonic epithelium is regulated by Sprouty2 and interleukin-13.** *Cellular and molecular gastroenterology and hepatology*  
Schumacher, M. A., Liu, C. Y., Katada, K., Thai, M. H., Hsieh, J. J., Hansten, B. J., Waddell, A., Rosen, M. J., Frey, M. R.  
2022
- **Identification of Immunoglobulin G Autoantibody Against Malondialdehyde-Acetaldehyde Adduct as Novel Serological Biomarker for Ulcerative Colitis.** *Clinical and translational gastroenterology*  
Duryee, M. J., Ahmad, R., Eichele, D. D., Hunter, C. D., Mitra, A., Talmon, G. A., Singh, S., Smith, L. M., Rosen, M. J., Dhawan, P., Thiele, G. M., Singh, A. B.  
2022
- **Antibodies-to-infliximab accelerate clearance while dose intensification reverses immunogenicity and recaptures clinical response in paediatric Crohn's disease** *ALIMENTARY PHARMACOLOGY & THERAPEUTICS*  
Colman, R. J., Xiong, Y., Mizuno, T., Hyams, J. S., Noe, J. D., Boyle, B., D'Haens, G. R., van Limbergen, J., Chun, K., Yang, J., Rosen, M. J., Denson, L. A., Vinks, et al  
2021
- **New role for fatty acid receptor regulation of immune cells to control intestinal inflammation.** *Gastroenterology*  
Rosen, M. J.  
2021
- **SLCO1B1 \*15 allele is associated with methotrexate-induced nausea in pediatric patients with inflammatory bowel disease.** *Clinical and translational science*  
Mehta, R. S., Taylor, Z. L., Martin, L. J., Rosen, M. J., Ramsey, L. B.  
2021
- **PIR-B Regulates CD4+ IL17a+ T-Cell Survival and Restricts T-Cell-Dependent Intestinal Inflammatory Responses.** *Cellular and molecular gastroenterology and hepatology*  
Uddin, J., Tomar, S., Sharma, A., Waggoner, L., Ganesan, V., Marella, S., Yang, Y., Noah, T., Vanoni, S., Patterson, A., Zeng, C., Foster, P. S., Newberry, et al  
2021
- **Achieving Target Infliximab Drug Concentrations Improves Blood and Fecal Neutrophil Biomarkers in Crohn's Disease** *INFLAMMATORY BOWEL DISEASES*  
Colman, R. J., Tsai, Y., Jackson, K., Boyle, B. M., Noe, J. D., Hyams, J. S., D'Haens, G. M., van Limbergen, J., Rosen, M. J., Denson, L. A., Minar, P.  
2021; 27 (7): 1045-1051
- **Vedolizumab Experience in Children and Adolescents With Inflammatory Bowel Disease: A Multicenter Observational Study.** *Crohn's & colitis* 360  
Hajjat, T. M., Mosh, M., Whaley, K. G., Rosen, M. J., Suppa, C., Markowitz, J., Dufour, L., Sauer, C., Shukla-Udawatta, M., Boyle, B., Gibson, M., Shapiro, J., Sams, et al  
2021; 3 (3): otab039
- **IL-33 is produced by colon fibroblasts and differentially regulated in acute and chronic murine colitis** *SCIENTIFIC REPORTS*  
Waddell, A., Vallance, J. E., Fox, S., Rosen, M. J.  
2021; 11 (1): 9575
- **Quality Improvement Methodology Optimizes Infliximab Levels in Pediatric Patients with Inflammatory Bowel Disease.** *Pediatric quality & safety*  
Hellmann, J., Etter, R. K., Denson, L. A., Minar, P., Hill, D., Dykes, D. M., Rosen, M. J.  
2021; 6 (3): e400
- **Favorable Outcomes and Anti-TNF Durability After Addition of an Immunomodulator for Anti-Drug Antibodies in Pediatric IBD Patients** *INFLAMMATORY BOWEL DISEASES*  
Colman, R. J., Portocarrero-Castillo, A., Chona, D., Hellmann, J., Minar, P., Rosen, M. J.  
2021; 27 (4): 507-515
- **Colonic Epithelial-Derived Selenoprotein P Is the Source for Antioxidant-Mediated Protection in Colitis-Associated Cancer** *GASTROENTEROLOGY*  
Short, S. P., Pilat, J. M., Barrett, C. W., Reddy, V. K., Haberman, Y., Hendren, J. R., Marsh, B. J., Keating, C. E., Motley, A. K., Hill, K. E., Zemper, A. E., Washington, M., Shi, et al

2021; 160 (5): 1694-+

- **Sprouty2 limits intestinal tuft and goblet cell numbers through GSK3 beta-mediated restriction of epithelial IL-33** *NATURE COMMUNICATIONS*  
Schumacher, M. A., Hsieh, J. J., Liu, C. Y., Appel, K. L., Waddell, A., Almohazey, D., Katada, K., Bernard, J. K., Bucar, E. B., Gadeock, S., Maselli, K. M., Washington, M., Grikscheit, et al  
2021; 12 (1): 836
- **Real-World Infliximab Pharmacokinetic Study Informs an Electronic Health Record-Embedded Dashboard to Guide Precision Dosing in Children with Crohn's Disease** *CLINICAL PHARMACOLOGY & THERAPEUTICS*  
Xiong, Y., Mizuno, T., Colman, R., Hyams, J., Noe, J. D., Boyle, B., Tsai, Y., Dong, M., Jackson, K., Punt, N., Rosen, M. J., Denson, L. A., Vinks, et al  
2021; 109 (6): 1639-1647
- **Vedolizumab Experience in Children and Adolescents with Inflammatory Bowel Disease: A Multicenter Observational Study** *Crohn's & Colitis 360*  
Hajjat, T. M., Mosha, M., Whaley, K. G., Rosen, M. J., Suppa, C., Markowitz, J., Dufour, L., Sauer, C., Shkla-Udawatta, M., Boyle, B., Gibson, M., Shapiro, J., Sams, et al  
2021: otab039
- **Could a Small Population of Epithelial Cells Get "Tuft" With Crohn 's Disease?** *GASTROENTEROLOGY*  
Rosen, M. J.  
2020; 159 (6): 2025-2027
- **A Micro-longitudinal Approach to Measuring Medication Adherence in Pediatric Inflammatory Bowel Diseases** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
Plevinsky, J. M., Denson, L. A., Hellmann, J., Minar, P., Rosen, M. J., Hommel, K. A.  
2020; 71 (3): 366-370
- **Pediatric Patient With Ulcerative Colitis-Associated Bronchiectasis** *ACG CASE REPORTS JOURNAL*  
Russi, A., Gurbani, N., Rosen, M. J., Mallon, D., LeBlanc, F. R.  
2020; 7 (4): e00365
- **Improved Population Pharmacokinetic Model for Predicting Optimized Infliximab Exposure in Pediatric Inflammatory Bowel Disease** *INFLAMMATORY BOWEL DISEASES*  
Bauman, L. E., Xiong, Y., Mizuno, T., Minar, P., Fukuda, T., Dong, M., Rosen, M. J., Vinks, A. A.  
2020; 26 (3): 429-439
- **Elevated Pretreatment Plasma Oncostatin M Is Associated With Poor Biochemical Response to Infliximab.** *Crohn's & colitis 360*  
Minar, P., Lehn, C., Tsai, Y., Jackson, K., Rosen, M. J., Denson, L. A.  
2019; 1 (3): otz026
- **Development of Infliximab Target Concentrations During Induction in Pediatric Crohn Disease Patients** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
Clarkston, K., Tsai, Y., Jackson, K., Rosen, M. J., Denson, L. A., Minar, P.  
2019; 69 (1): 68-74
- **Ulcerative colitis mucosal transcriptomes reveal mitochondriopathy and personalized mechanisms underlying disease severity and treatment response** *NATURE COMMUNICATIONS*  
Haberman, Y., Karns, R., Dexheimer, P. J., Schirmer, M., Somekh, J., Jurickova, I., Braun, T., Novak, E., Bauman, L., Collins, M. H., Mo, A., Rosen, M. J., Bonkowski, et al  
2019; 10: 38
- **Contemporary Medical Management of Acute Severe Ulcerative Colitis** *INFLAMMATORY BOWEL DISEASES*  
Whaley, K. G., Rosen, M. J.  
2019; 25 (1): 56-66
- **Challenges in IBD Research: Preclinical Human IBD Mechanisms.** *Inflammatory bowel diseases*  
Pizarro, T. T., Stappenbeck, T. S., Rieder, F., Rosen, M. J., Colombel, J. F., Donowitz, M., Towne, J., Mazmanian, S. K., Faith, J. J., Hodin, R. A., Garrett, W. S., Fichera, A., Poritz, et al  
2019; 25 (Suppl 2): S5-S12

- **Microbiota-sensitive epigenetic signature predicts inflammation in Crohn's disease** *JCI INSIGHT*  
Kelly, D., Kotliar, M., Woo, V., Jagannathan, S., Whitt, J., Moncivaiz, J., Aronow, B. J., Dubinsky, M. C., Hyams, J. S., Markowitz, J. F., Baldassano, R. N., Stephens, M. C., Walters, et al  
2018; 3 (18)
- **Validation of Neutrophil CD64 Blood Biomarkers to Detect Mucosal Inflammation in Pediatric Crohn's Disease** *INFLAMMATORY BOWEL DISEASES*  
Minar, P., Jackson, K., Tsai, Y., Sucharew, H., Rosen, M. J., Denson, L. A.  
2018; 24 (1): 198-208
- **MTG16 is a tumor suppressor in colitis-associated carcinoma** *JCI INSIGHT*  
McDonough, E. M., Barrett, C. W., Parang, B., Mittal, M. K., Smith, J., Bradley, A. M., Choksi, Y. A., Coburn, L. A., Short, S. P., Thompson, J. J., Zhang, B., Poindexter, S. V., Fischer, et al  
2017; 2 (16)
- **MTG16 is a tumor suppressor in colitis-associated carcinoma.** *JCI insight*  
McDonough, E. M., Barrett, C. W., Parang, B., Mittal, M. K., Smith, J. J., Bradley, A. M., Choksi, Y. A., Coburn, L. A., Short, S. P., Thompson, J. J., Zhang, B., Poindexter, S. V., Fischer, et al  
2017; 2 (16)
- **Activation of TGF-beta activated kinase 1 promotes colon mucosal pathogenesis in inflammatory bowel disease** *PHYSIOLOGICAL REPORTS*  
Liu, Z., Kong, F., Vallance, J. E., Harmel-Laws, E., Amarachintha, S., Steinbrecher, K. A., Rosen, M. J., Bhattacharyya, S.  
2017; 5 (7)
- **The Self-management Transition Enhancement Program (STEP): Study Design and Preliminary Findings**  
Gray, W., Morgan, P., Holbrook, E., Rosen, M., Yacyshyn, B., Wise, C., Wagoner, S., Schaefer, M., Saeed, S., Denson, L., Mackner, L., Maddux, M., Hommel, et al  
LIPPINCOTT WILLIAMS & WILKINS.2017: S74
- **A Low Neutrophil CD64 Index Is Associated with Sustained Remission During Infliximab Maintenance Therapy** *INFLAMMATORY BOWEL DISEASES*  
Minar, P., Jackson, K., Tsai, Y., Rosen, M. J., Northcutt, M., Khodoun, M., Finkelman, F. D., Denson, L. A.  
2016; 22 (11): 2641-2647
- **Treatment with immunosuppressive therapy may improve depressive symptoms in patients with inflammatory bowel disease.** *Digestive diseases and sciences*  
Horst, S., Chao, A., Rosen, M., Nohl, A., Duley, C., Wagnon, J. H., Beaulieu, D. B., Taylor, W., Gaines, L., Schwartz, D. A.  
2015; 60 (2): 465-70
- **Letter: stool adalimumab detection in ulcerative colitis and Crohn's disease--authors' reply.** *Alimentary pharmacology & therapeutics*  
Rosen, M. J., Minar, P., Vinks, A. A.  
2015; 42 (2): 241
- **Endoscopic Diagnosis of Duodenal Stenosis in a 5-Month-Old Male Infant** *CLINICAL ENDOSCOPY*  
Nicholson, M. R., Acra, S. A., Chung, D. H., Rosen, M. J.  
2014; 47 (6): 568-570
- **Small Intestinal Intraepithelial TCR gamma delta(+) T Lymphocytes Are Present in the Premature Intestine but Selectively Reduced in Surgical Necrotizing Enterocolitis (vol 9, e99042, 2014)** *PLOS ONE*  
Weitkamp, J., Rosen, M. J., Zhao, Z., Koyama, T., Geem, D.  
2014; 9 (8): e99042
- **Small Intestinal Intraepithelial TCR gamma delta(+) T Lymphocytes Are Present in the Premature Intestine but Selectively Reduced in Surgical Necrotizing Enterocolitis** *PLOS ONE*  
Weitkamp, J., Rosen, M. J., Zhao, Z., Koyama, T., Geem, D., Denning, T. L., Rock, M. T., Moore, D. J., Halpern, M. D., Matta, P., Denning, P. W.  
2014; 9 (6)
- **Outcomes following infliximab therapy for pediatric patients hospitalized with refractory colitis-predominant IBD.** *Journal of pediatric gastroenterology and nutrition*  
Falaiye, T. O., Mitchell, K. R., Lu, Z., Saville, B. R., Horst, S. N., Moulton, D. E., Schwartz, D. A., Wilson, K. T., Rosen, M. J.

2014; 58 (2): 213-9

- **Activation of the epidermal growth factor receptor in macrophages regulates cytokine production and experimental colitis.** *Journal of immunology (Baltimore, Md. : 1950)*  
Lu, N., Wang, L., Cao, H., Liu, L., Van Kaer, L., Washington, M. K., Rosen, M. J., Dubé, P. E., Wilson, K. T., Ren, X., Hao, X., Polk, D. B., Yan, et al  
2014; 192 (3): 1013-23
- **STAT6 Deficiency Ameliorates Severity of Oxazolone Colitis by Decreasing Expression of Claudin-2 and Th2-Inducing Cytokines** *JOURNAL OF IMMUNOLOGY*  
Rosen, M. J., Chaturvedi, R., Washington, M. K., Kuhnhein, L. A., Moore, P. D., Coggeshall, S. S., McDonough, E. M., Weitkamp, J., Singh, A. B., Coburn, L. A., Williams, C. S., Yan, F., Van Kaer, et al  
2013; 190 (4): 1849-1858
- **High-throughput multi-analyte Luminex profiling implicates eotaxin-1 in ulcerative colitis.** *PLoS one*  
Coburn, L. A., Horst, S. N., Chaturvedi, R., Brown, C. T., Allaman, M. M., Scull, B. P., Singh, K., Piazuelo, M. B., Chitnavis, M. V., Hodges, M. E., Rosen, M. J., Williams, C. S., Slaughter, et al  
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