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CURRICULUM VITAE

Emilie Regner MD

Assistant Professor
Department of Medicine
Division of Medicine Gastroenterology and Hepatology

OFFICE ADDRESS:

9200 West Wisconsin Avenue

Milwaukee, WI 53226

EDUCATION:

2004 - 2005 Undergraduate Studies, Biology (major), Brown University, Providence, RI
2006 - 2008 Bachelor of Arts (BA), Summa Cum Laude Biology (major) and Molecular Biology (minor), St. Olaf College, Northfield, MN
2009 - 2013 Doctor of Medicine (MD), University of Wisconsin–Madison, Madison, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

2008 - 2009 Research Fellowship, Institute of Clinical Molecular Biology, Inflammatory Bowel Disease, University Hospital Schleswig-Holstien, Kiel, Germany
2013 - 2016 Residency, Internal Medicine, Department of Medicine, University of Colorado–Denver / Anschutz Medical Campus, Denver, CO
2016 - 2019 Fellowship, Gastroenterology and Hepatology, Department of Medicine, Division of Gastroenterology, University of Colorado–Denver / Anschutz Medical Campus, Denver, CO
2019 - 2020 Fellowship, Advanced Inflammatory Bowel Disease, Department of Medicine, Division of Gastroenterology, University of California–San Francisco, San Francisco, CA

CENTER/INSTITUTE AFFILIATIONS:

07/2020 - 10/2022 Member, Oregon Health & Science University, Department of Medicine, Division of Gastroenterology, Portland, OR
11/2022 - 03/2024 Member, Kaiser Permanente Northwest, Portland, OR
05/2024 - 04/2026 Member, Peace Health Gastroenterology

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2019 - 2020 Medical School Admissions Committee, Oregon Health & Science University, Portland, OR
2024 Faculty Teaching, Washington State University

HOSPITAL STAFF PRIVILEGES:

05/2026 - Present Department of Medicine, Gastroenterology and Hepatology, Medical College of Wisconsin, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

Board Certified	Issue Date	Expiration
Internal Medicine	2016	None
Gastroenterology	2019	None
Obesity Medicine Board Certification	10/26/2024	None

Licensure	Number	Issue Date	Expiration
Diplomat		2013	None
Medical License		2016	None
Physician and Surgeon License		2018	None
Controlled Substances Practitioner Registration		2019	None
Medical License		2020	None
Medical License		2024	None

AWARDS AND HONORS:

2008 Research Fellowship Award, Inflammatory Bowel Disease Institute of Clinical Molecular Biology , University Hospital Schleswig-Holstien (Kiel, Germany)

2010 Shapiro Summer Research Grant, UWSMPH School of Medicine and Public Health, University of Wisconsin–Madison (Madison, WI)

2014 Barrett Foundation Research Grant, Inflammatory Bowel Disease , University of Colorado–Denver / Anschutz Medical Campus

2015 Gold Humanism Honors Society, Resident Chapter, University of Colorado-Denver / Anschutz Medical Campus

2018 T32 Fellow Research Award, Department of Medicine, Division of Gastroenterology, University of Colorado-Denver / Anschutz Medical Campus

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2007 Tri-Beta National Honor Society (Member)

2008 Phi Beta Kappa Honor Society (Member)

2009 - 2016 American Medical Association (Member)

2013 Gold Humanism Honor Society (Member)

2016 - Present American Gastroenterology Association (AGA) (Member)

2016 - 2019 American Association for the Study of Liver Diseases (AASLD) (Member)

2016 - Present American Society of Gastrointestinal Endoscopy (ASGE) (Member)

2018 - 2019 Spondyloarthritis Research and Treatment Network (SPARTAN) (Member)

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

National

IBD Case Presentations, Clinical Decision Making, Rocky Mountain IBD Conference, Denver, Colorado, 2019

Local

Inpatient IBD Management, Department of Medicine Oregon Health & Science University, Portland, OR, 2020

Diagnosis and Management of Chronic Diarrhea, OHSU Hospitalist Summit Oregon Health & Science University, Portland, OR, 2021

Inpatient IBD Management, Grand Rounds, Oregon Health & Science University, Portland, OR, 2021

Inpatient IBD Management, OHSU Hospitalist Summit, Oregon Health & Science University, Portland, OR, 2021

High-quality endoscopy, applications, and tools, Fellow Education Lecture Series, Medical College of Wisconsin, 08/31/2026

COMMITTEE SERVICE:

Medical College of Wisconsin

09/2026 - Present GI representation committee member, DOM Quality Committee, Gastroenterology and Hepatology, Department of Medicine, Medical College of Wisconsin

COMMUNITY SERVICE ACTIVITIES:

2006 - 2008 Crohn's and Colitis Foundation of America Research and patient advocacy fundraiser, event planner, and CCFA board member. Minneapolis, MN

2009 - 2013 Medical Student Clinical Volunteer MEDIC Clinics (Student and resident-run free clinic) School of Medicine and Public Health University of Wisconsin-Madison (Madison, WI)

2009 - 2013 DOC Talk Volunteer Presentation in classrooms in the Madison and Milwaukee areas to raise student interest in science and careers in medicine

2013 - 2016 Resident Clinical Volunteer Service Dawn Clinic (Student and resident-run free clinic) School of Medicine University of Colorado-Denver / Anschutz Medical Campus

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Danielson SM, Lefferts AR, Norman E, Regner EH, Schulz HM, Sansone-Poe D, Orlicky DJ, Kuhn KA. Myeloid Cells and Sphingosine-1-Phosphate Are Required for TCR?? Intraepithelial Lymphocyte Recruitment to the Colon Epithelium. J Immunol. 2024 Jun 1;212(11):1843-1854.
2. Constant DA, Van Winkle JA, VanderHoek E, Dekker SE, Sofia MA, Regner E, Modiano N, Tsikitis VL, Nice TJ. Transcriptional and Cytotoxic Responses of Human Intestinal Organoids to IFN Types I, II, and III. Immunohorizons. 2022 Jul 5;6(7):416-429
3. Nielsen SH, Stahly A, Regner EH, Bay-Jensen AC, Karsdal MA, Kuhn KA. Novel Biomarker of Collagen Degradation Can Identify Patients Affected With Both Axial Spondyloarthritis and Crohn Disease. J Rheumatol. 2022 Dec; 49(12):1335-1340.
4. Constant DA, Van Winkle JA, VanderHoek E, Dekker SE, Sofia MA, Regner E, Modiano N, Tsikitis VL, Nice TJ. Transcriptional and Cytotoxic Responses of Human Intestinal Organoids to IFN Types I, II, and III. Immunohorizons. 2022 Jul; 6(7):416-429.
5. Lefferts AR, Regner EH, Stahly A, O'Rourke B, Gerich ME, Fennimore BP, Scott FI, Freeman AE, Jones K, Kuhn KA. Circulating mature granzyme B+ T cells distinguish Crohn's disease-associated axial spondyloarthritis from axial spondyloarthritis and Crohn's disease. Arthritis Res Ther. 2021 May; 23(1):147.
6. Berlinberg AJ, Regner EH, Stahly A, Brar A, Reisz JA, Gerich ME, Fennimore BP, Scott FI, Freeman AE, Kuhn KA. Multi 'Omics Analysis of Intestinal Tissue in Ankylosing Spondylitis Identifies Alterations in the Tryptophan Metabolism Pathway. Front Immunol. 2021 Mar; 12:587.
7. Regner EH, Green AJ, Bain JL, Kattah MG, Mahadevan U. Importance of Not MSing Cerebral White Matter Disease in Patients with Inflammatory Bowel Disease. Dig Dis Sci. 2020; 65(9): 2527-2532.
8. Siebert JC, Neff CP, Schneider JM, Regner EH, Ohri N, Kuhn KA, Palmer BE, Lozupone CA, Görg C. VOLARE: visual analysis of disease-associated microbiome-immune system interplay. BMC Bioinformatics. 2019; 20(1): 432.
9. Regner E, Ohri N, Stahly A, Gerich ME, Fennimore BP, Ir D, Jubair WK, Görg C, Siebert J, Robertson CE, Caplan L, Frank DN, Kuhn KA. Functional intraepithelial lymphocyte changes in inflammatory bowel disease and spondyloarthritis have disease specific correlations with intestinal microbiota. Arthritis Res Ther. 2018; 20(1): 149.
10. Kuhn K, Schulz H, Regner E, Severs E, Hendrickson J, Mehta G, Whitney A, Ir D, Ohri N, Robertson C, Frank D, Campbell E, and Colgan S. Bacteroidiales recruit IL-6 producing intraepithelial lymphocytes in the colon to promote barrier integrity. Mucosal Immunology. 2018; 11(2): 357-368.
11. Fennimore B, Regner EH, Gerich ME. Primary Sclerosing Cholangitis-Associated Inflammatory Bowel Disease. In: Forman L, ed. Primary Sclerosing Cholangitis ? Current Understanding, Management, and Future Developments. New York, NY:Springer, 2016.
12. Saha S, Midtling E, Roberson E, Nair VA, Wald A, Reichelderfer M. Dysmenorrhea in women with Crohn's disease: a case-control study. Inflamm Bowel Dis. 2013 Jun;19(7):1463-9.
13. Sina C, Lipinski S, Gavrilova O, Aden K, Rehman A, Till A, Rittger A, Podschun R, Meyer-Hoffert U, Haesler R, Midtling E, Pütsep K, McGuckin MA, Schreiber S, Saftig P, Rosenstiel P. Extracellular cathepsin K exerts antimicrobial activity and is protective against chronic intestinal inflammation in mice. Gut. 2013; 62(4): 520-30.
14. Rahman MK, Midtling EH, Svingen PA, Xiong Y, Bell MP, Tung J, Smyrk T, Egan LJ, Faubion WA Jr. The pathogen recognition receptor NOD2 regulates human FOXP3+ T cell survival. J Immunol. 2010; 184(12):7247-56.

15. Sina C, Arlt A, Gavrilova O, Midtling E, Kruse ML, Müerköster SS, Kumar R, Fölsch UR, Schreiber S, Rosenstiel P, Schäfer H. Ablation of gly96/immediate early gene-X1 (gly96/iex-1) aggravates DSS-induced colitis in mice: role for gly96/iex-1 in the regulation of NF-kappaB. Inflamm Bowel Dis. 2010 Feb;16(2):320-31.

Abstracts

1. Guild 2020 Poster Presentation: "Comorbid NAFLD in IBD"
2. DDW 2020 Poster Presentation: "Comorbid NAFLD in IBD"
3. DDW 2019 Poster Presentation: "Metabolomics Uncovers Unique Disease Signatures in Patients with Crohn's Disease and Ankylosing Spondylitis."
4. SPARTAN 2018 Poster Presentation: "Functional Intraepithelial Lymphocyte Changes in Inflammatory Bowel Disease and Spondyloarthritis have Disease Specific Correlations with Intestinal Microbiota."
5. DDW 2018 Poster Presentation: "Functional Intraepithelial Lymphocyte Changes in Inflammatory Bowel Disease and Spondyloarthritis have Disease Specific Correlations with Intestinal Microbiota."
6. ACG 2016 Poster Presentation: "Validation of a proposed scoring system to identify patients in a community practice with microscopic colitis before colonoscopy."
7. ACG 2015 Poster Presentation: "Validation of a proposed scoring system to identify patients in a community practice with microscopic colitis before colonoscopy."
8. ACG 2014 Poster Presentation: "An uncommon cause of upper gastrointestinal bleeding in a post-liver transplant patient: Hepatic arteriojejunal fistula."
9. ACG 2014 Poster Presentation: "IBD surveillance endoscopy as a unique endoscopic procedure."
10. Digestive Disease Week 2012 Poster Presentation: "Dysmenorrhea in women with Crohn's disease: A case-control study."