

CURRICULUM VITAE

Rituparna Medda DO

Assistant Professor
Department of Medicine
Division of Medicine Gastroenterology and Hepatology

OFFICE ADDRESS:

9200 West Wisconsin Avenue

Milwaukee, WI 53226

EDUCATION:

- 2008 - 2012 Bachelor of Science in Molecular Biology and Zoology, University of Wisconsin, Madison, WI
- 2014 - 2018 Doctor of Osteopathic Medicine, Marian University College of Osteopathic Medicine, Indianapolis, IN
- 2018 - 2021 Internal Medicine Residency, St. Vincent Hospital, Indianapolis, IN
- 2020 - 2021 Chief Resident, St. Vincent Hospital, Indianapolis, IN
- 2021 - 2024 Gastroenterology/Hepatology Fellowship, Aurora Health Care, Milwaukee, WI
- 2024 - 2025 Transplant Hepatology Fellowship, University of WI Hospitals & Clinics, Madison, WI

ADMINISTRATIVE APPOINTMENTS:

- 2019 - 2021 St. Vincent House Meal Prep Coordinator, St. Vincent Hospital
- 2019 - 2021 Wellness Committee, St. Vincent Hospital

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

- 2018 - 2021 Program Education Committee, St. Vincent Hospital
- 2018 - 2021 Resident Recruiting Committee, St. Vincent Hospital
- 2020 - 2021 Graduate Medical Education, Chief Resident, St. Vincent Hospital
- 2020 - 2021 Primary Care Clinic Governance Board, Chief Resident, St. Vincent Hospital
- 2020 - 2021 Safety Event Reporting Taskforce, Chief Resident, St. Vincent Hospital
- 2022 - 2023 GME Resident Council Representative, Aurora Health Care

RESEARCH ADMINISTRATIVE APPOINTMENTS:

- 2009 - 2011 Undergraduate Molecular Biology Researcher, University of Wisconsin- Madison, Madison, WI
- 2011 - 2014 Undergraduate Researcher/Lab Technologist, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI
- 2015 - 2016 Graduate Medical Researcher, Marian University College of Osteopathic Medicine, Indianapolis, IN
- 2018 - 2021 Resident Medical Researcher, St. Vincent Hospital, Indianapolis, IN
- 2022 - 2024 Fellowship Medical Researcher, Aurora Health Care, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Internal Medicine		None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Certificate of Public Health	Medical College of	2012	None

	Wisconsin		
Advanced Cardiac Life Support		2014	None
Basic Life Support		2014	None
CITI Research Human Subjects		2019	None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin Medical License		2021	None

AWARDS AND HONORS:

- 2019 - 2020 Most Valuable Player, Resident Recruitment Committee, St. Vincent Hospital Internal Medicine Residency
- 2019 - 2020 Outstanding Teacher Award, St. Vincent Transitional Year and Preliminary Medicine Classes
- 2020 - 2021 Chief Resident , St. Vincent Hospital Internal Medicine Residency
- 2020 ACP Indiana Clinical Vignette Second Prize, ACP Indiana Chapter Poster Competition
- 2021 Resident of the Year, St. Vincent Hospital Internal Medicine Residency
- 2022 Academic Debate Winner, American Liver Foundation

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

- 2014 - 2018 American Osteopathic Association (Member)
- 2014 - 2016 Research Club, Marian University College of Osteopathic Medicine (Member)
- 2014 - 2021 American Medical Association (Member)
- 2014 - 2016 Timmy Global Health, Marian University College of Osteopathic Medicine (Chair)
- 2014 - 2021 American Medical Women's Association (Member)
- 2015 - 2021 American College of Physicians (Member)
- 2015 - 2018 American College of Osteopathic Internists (Member)
- 2015 - 2016 Student Osteopathic Internal Medicine Association, Marian University College of Osteopathic Medicine (Secretary)
- 2021 - Present College of Gastroenterology (Member)
- 2021 - Present American Gastroenterological Association (Member)
- 2022 - Present American Association for the Study of Liver Disease (Member)
- 2022 - Present American Society for Gastrointestinal Endoscopy (Member)

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

National

Opioid Addiction Hidden by Anorexia, American Medical Women's Association Meeting, 03/2017

Local

Extracellular Matrix Components Expressed During the Differentiation of Mouse Embryonic Stem Cells, Research Symposium, Madison, WI, 04/2010

Expression of Extracellular Matrix Proteins During Differentiation of Mouse Embryonic Stem Cells, Research Symposium, Madison, WI, 04/2011

The Sneeze Heard Around the Hospital: Ocular manifestation of blood-culture negative endocarditis, ACP Meeting, Indiana, 11/2018

Don't tip the Scale: Coagulopathy in Cirrhosis, St. Vincent Hospital Clinical-Pathological Correlation Conference, Indiana, 01/2019

Journal Club Review of Pantoprazole to prevent gastroduodenal events in patients receiving rivaroxaban and/or aspirin in a randomized, double blind, placebo-controlled trial, St. Vincent Hospital, 02/2020

When Poop Itches: Psoriasis- Associated Celiacs in the Elderly. Presented as Poster, ACP Meeting, Indiana, 10/2020

Complications of Obesity in SARS-CoV-2, The Obesity Society Meeting, 11/2020

Noninvasive Testing for Liver Fibrosis and Liver Biopsies, AASLD 2025 Review, 01/31/2026

Alcohol-Associated Liver Disease, AASLD 2025 Review, 01/31/2026

Medical Management vs. Transplantation of Patients with MELD <15 and <10, Transplant Symposium,

Brookfield, WI, 04/10/2026

EXTRAMURAL TEACHING:

Medical Student Education

2018 - 2021 Marian University College of Osteopathic Medicine,, Clinical Instructor Teaching general internal medicine to 3rd and 4th year medical students from Marian University College of Osteopathic Medicine and IU School of Medicine

COMMUNITY SERVICE ACTIVITIES:

2012 Medical Mission at International Volunteer HQ, Guatemala Traveled to San Miguel Dueña, Guatemala to record vitals on patients in the pre-consultation station, sorted and organized paper medical records, and educated patients about Dengue Fever prevention in a rural, underserved medical clinic

2019 St. Vincent House Meal Prep, Coordinator Coordinating, preparing, and cooking meals for patient families residing in the St. Vincent hospitality house

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Lyros O, Nie L, Moore T, **Medda R**, Otterson M, Behmaram B, Mackinnon A, Gockel I, Shaker R, Rafiee P. Dysregulation of WNT5A/ROR2 Signaling Characterizes the Progression of Barrett-Associated Esophageal Adenocarcinoma. *Molecular Cancer Research*. 2016 Jul 15;14(7):647-659. PMID: 27084312
2. Lyros O, Rafiee P, Nie L, **Medda R**, Jovanovic N, Otterson MF, Behmaram B, Gockel I, Mackinnon A, Shaker R. Wnt/ β -Catenin Signaling Activation beyond Robust Nuclear β -Catenin Accumulation in Nondysplastic Barrett's Esophagus: Regulation via Dickkopf-1. *Neoplasia*. 2015 Jul;17(7):598-611. PMID: 26297437
3. **Medda R**, Lyros O, Schmidt JL, Jovanovic N, Nie L, Link BJ, Otterson MF, Stoner GD, Shaker R, Rafiee P. Anti inflammatory and anti angiogenic effect of black raspberry extract on human esophageal and intestinal microvascular endothelial cells. *Microvascular Research*. 2015 Jan 28;97:167-180. PMID: 25446010
4. Nie L, Lyros O, **Medda R**, Jovanovic N, Schmidt JL, Otterson MF, Johnson CP, Behmaram B, Shaker R, Rafiee P. Endothelial-mesenchymal transition in normal human esophageal endothelial cells cocultured with esophageal adenocarcinoma cells: role of IL-1 and TGF- β . *AJP: Cell Physiology*. 2014 Nov 27;307(9):C859-877. PMID: 25163519
5. Lyros O, Rafiee P, Nie L, **Medda R**, Jovanovic N, Schmidt J, Mackinnon A, Venu N, Shaker R. Dickkopf-1, the Wnt antagonist, is induced by acidic pH and mediates epithelial cellular senescence in human reflux esophagitis. *AJP: Gastrointestinal and Liver Physiology*. 2014 Apr 30;306(7):G557-574. PMID: 24481601
6. Weinrieb R, **Medda R**, R Lucey M. Therapy of alcohol use disorder in liver transplant recipients. *Liver Transplant*. 2025 Apr 1;31(4):425-427. doi: 10.1097/LVT.0000000000000546. Epub 2024 Nov 29. PMID:39621076

Non-Refereed Journal Publications/Original Papers

1. **Medda R**, Raff H, Shaker J, Guda N. Comment on Grover et al. *Am J Gastroenterol*. 2022;117(5):813-814. PMID: 35080511

Abstracts

1. Moore T, Lyros O, Nie L, Jovanovic N, Perkins T, **Medda R**, Otterson MF, Shaker R, Rafiee P. WNT5a-mediated tumor suppression of esophageal adenocarcinoma in vitro, FASEB Meeting, April 2013, Boston, MA.
2. Lyros O, Nie L, Jovanovic N, **Medda R**, Mackinnon A, Venu N, Rafiee P, Shaker R. Wnt/ β -catenin signaling in non-dysplastic Barrett's esophagus: Activation beyond robust nuclear β -catenin, Presented as Poster at Digestive Disease Week, April 2013, Orlando, FL.
3. Link B, **Medda R**, Nie L, Schmidt J, Jovanovic N, Otterson MF, Rafiee P. Black Raspberry powder inhibits

- IL-8 mediated Angiogenesis in Human Intestinal Microvascular Endothelial cells Role of; MAPK, Bcl2, Akt and COX-2, FASEB Meeting, April 2012, San Diego, CA.
4. Easwaran T, **Medda R**, Rohr-Kirchgraber T. Why Does this Acne Medicine Not Work?: Birt-Hogg-Dube Syndrome, Presented as Poster at American Medical Women's Association Meeting, March 2016, Miami, FL. (Case report)
 5. Lyros O, Moore T, **Medda R**, Nie L, Ines G, Hauke L, Otterson M, Shaker R, Rafiee P. Dysregulation of Wnt5a/ROR2 signaling pathway characterizes the progression of Barrett's-associated esophageal adenocarcinoma, Presented as Poster at Digestive Disease Week, May 2014, Chicago, IL.
 6. Lyros O, Rafiee P, Nie L, Jovanovic Nebojsa, **Medda R**, Mackinnon A, Venu N, Shaker R. The biological role of Dickkopf-1 (Dkk1) in human reflux-esophagitis, Presented as Poster at Digestive Disease Week, May 2013, Orlando, FL.

Peer Reviewed Educational Products

1. Knaus S, Fick R, Baker K, Place A, Medda, R. Treatment of Hepatitis C Infection in an Internal Medicine Residency Continuity Clinic: Resident Perspectives and Patient Outcomes. Journal of Community Hospital Internal Medicine Perspectives: 2022 Jul 4; 12(4):20-33, PMID: 36262892