



Gopanandan Parthasarathy

Clinical Assistant Professor, Medicine - Gastroenterology & Hepatology

Bio

BIO

Dr Nandan Parthasarathy is a hepatologist and physician-scientist in the Department of Gastroenterology and Hepatology at Stanford University.

After obtaining his medical degree in JIPMER, India, he completed a 2 year clinical research fellowship at Mayo Clinic, following which he completed his residency training at Cleveland Clinic, and GI and transplant hepatology fellowships at Mayo Clinic. During his fellowship, his research work was focused on exploring the immune mechanisms of liver injury in metabolic dysfunction associated steatohepatitis.

Clinically, he is focused on taking care of patients with MASH, cirrhosis and liver cancer.

His career goal is to study the gut-immune system-liver injury axis in order to bring novel therapeutics from the bench to bedside in patients with liver disease.

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Gastroenterology & Hepatology

PROFESSIONAL EDUCATION

- Board Certification, American Board of Internal Medicine , Transplant Hepatology (2024)
- Board Certification, American Board of Internal Medicine , Gastroenterology and Hepatology (2022)
- Board Certification, American Board of Internal Medicine , Internal Medicine (2019)
- Fellowship, Mayo Clinic, Rochester , Transplant Hepatology (2023)
- Fellowship, Mayo Clinic, Rochester , Gastroenterology and Hepatology (2022)
- Residency, Cleveland Clinic, Cleveland , Internal Medicine (2019)
- MBBS, Jawaharlal Institute of Postgraduate Medical Education and Research, Pondicherry, India , Medicine (2014)

Publications

PUBLICATIONS

- **Deletion of sphingosine 1-phosphate receptor 1 in myeloid cells reduces hepatic inflammatory macrophages and attenuates MASH** *HEPATOLOGY COMMUNICATIONS*
Parthasarathy, G., Venkatesan, N., Sidhu, G., Song, M., Liao, C., Barrow, F., Mauer, A., Sehrawat, T., Nakao, Y., Daniel, P., Dasgupta, D., Pavelko, K., Revelo, et al
2025; 9 (2)
- **Therapeutic manipulation of the microbiome in liver disease** *HEPATOLOGY*
Parthasarathy, G., Malhi, H., Bajaj, J. S.
2024

- **Macrophage RAGE activation is proinflammatory in NASH** *JCI INSIGHT*
Parthasarathy, G., Mauer, A. S., Golla, N., Daniel, P., Kim, L. H., Sidhu, G. S., Marek III, G. W., Loeuillard, E., Krishnan, A., Lee, H., Pavelko, K. D., Charlton, M., Hirsova, et al
2024; 9 (3)
- **Extracellular Vesicles in Hepatobiliary Health and Disease** *COMPREHENSIVE PHYSIOLOGY*
Parthasarathy, G., Hirsova, P., Kostallari, E., Sidhu, G. S., Ibrahim, S. H., Malhi, H.
2023; 13 (3): 4631-4658
- **Hepatology highlights.** *Hepatology (Baltimore, Md.)*
Wu, T., Povero, D., Parthasarathy, G., Idalsoaga, F., Arab, J. P., Ilyas, S. I.
2022; 76 (4): 901-902
- **Assessment of Lipotoxic Endoplasmic Reticulum (ER) Stress in Nonalcoholic Steatohepatitis (NASH).** *Methods in molecular biology (Clifton, N.J.)*
Parthasarathy, G., Malhi, H.
2022; 2455: 243-254
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
[Anonymous]
2022; 75 (1): 1-2
- **Circulating extracellular vesicles are a biomarker for NAFLD resolution and response to weight loss surgery** *NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE*
Nakao, Y., Amrollahi, P., Parthasarathy, G., Mauer, A. S., Sehrawat, T. S., Vanderboom, P., Nair, K., Nakao, K., Allen, A. M., Hu, T. Y., Malhi, H.
2021; 36: 102430
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Muhammad Khan, M., Alejandra Luna-Cuadros, M., Lau, D. T., Sehrawat, T. S., Sehrawat, O., Schwartz, R. E., Choi, A. J., Brown, R. S., Parthasarathy, G., Kostallari, E., Jalan-Sakrikar, N., Salerno, D. M., Allamneni, et al
2021; 73 (6): 2085-2088
- **Macrophage Heterogeneity in NASH: More Than Just Nomenclature** *HEPATOLOGY*
Parthasarathy, G., Malhi, H.
2021; 74 (1): 515-518
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Kaur, S. P., Trivedi, H., Lau, D. T., Bamidele, A. O., Schwartz, R. E., Parthasarathy, G., Navarro-Corcuera, A., Sehrawat, T. S., Hans, A., Roccaro, G., Jalan-Sakrikar, N., Hejazifar, N., Brown, et al
2021; 73 (4): 1245-1247
- **Hepatic steatosis and steatohepatitis: a functional meta-analysis of sex-based differences in transcriptomic studies** *BIOLOGY OF SEX DIFFERENCES*
Catala-Senent, J. F., Hidalgo, M. R., Berenguer, M., Parthasarathy, G., Malhi, H., Malmierca-Merlo, P., de la Iglesia-vaya, M., Garcia-Garcia, F.
2021; 12 (1): 29
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Hanif, H., Ali, M. J., Chen, H. W., Lau, D. T., Parthasarathy, G., Schwartz, R. E., Bamidele, A. O., Wahid, N. A., Rosenblatt, R., Salerno, D. M., Brown, R. S., Buckholz, A., Tabora, et al
2021; 73 (3): 877-880
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Buckholz, A., Brown, R. S., Parthasarathy, G., Schwartz, R. E., Allamneni, C., Vora, R. S., Bamidele, A. O., Salerno, D. M., Chen, H. W., Yang, L., Lau, D. T., Maiers, J. L., Jalan-Sakrikar, et al
2021; 73 (2): 475-478
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Satiya, J., Kaur, S. P., Lau, D. T., Hejazifar, N., Brown, R. S., Maiers, J. L., Schwartz, R. E., Bamidele, A. O., Kaplan, A., Hang, T. P., Parthasarathy, G., Reshamwala, P. A., Jalan-Sakrikar, et al
2021; 73 (1): 1-3

- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Buckholz, A., Brown, R. S., Trivedi, H., Khan, M. M., Hanif, H., Lau, D. T., Hans, A., Roccaro, G., Pisa, J. F., Jalan-Sakrikar, N., Schwartz, R. E., Russo, N. W., Sehrawat, et al
2020; 72 (6): 1893-1896
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Russo, N. W., Brown, R. S., Parthasarathy, G., Schwartz, R. E., Buckholz, A., Jesudian, A. B., Kostallari, E., Taborda, C., Wedd, J., Sehrawat, T. S., Hejazifar, N., Yang, L. M., Lau, et al
2020; 72 (5): 1505-1508
- **A natural language-based tool for diagnosis of serrated polyposis syndrome** *GASTROINTESTINAL ENDOSCOPY*
Parthasarathy, G., Lopez, R., McMichael, J., Burke, C. A.
2020; 92 (4): 886-890
- **Hepatology Highlights.** *Hepatology (Baltimore, Md.)*
Kaplan, A., Rosenblatt, R., Buckholz, A., Kumar, S., Parthasarathy, G., Schwartz, R. E., Hirsova, P., Schwartz, R. E., Pisa, J. F., Brown, R. S., Jalan-Sakrikar, N., Schwartz, R. E., Jesudian, et al
2020; 72 (3): 791-793
- **Development of an Automated Algorithm to Generate Guideline-based Recommendations for Follow-up Colonoscopy** *CLINICAL GASTROENTEROLOGY AND HEPATOLOGY*
Karwa, A., Patell, R., Parthasarathy, G., Lopez, R., McMichael, J., Burke, C. A.
2020; 18 (9): 2038+
- **Pathogenesis of Nonalcoholic Steatohepatitis: An Overview** *HEPATOLOGY COMMUNICATIONS*
Parthasarathy, G., Revelo, X., Malhi, H.
2020; 4 (4): 478-492
- **Aging, Obesity, and the Incidence of Diverticulitis: A Population-Based Study** *MAYO CLINIC PROCEEDINGS*
Lee, T., Setty, P., Parthasarathy, G., Bailey, K. R., Wood-Wentz, C. M., Fletcher, J. G., Takahashi, N., Khosla, S., Moynagh, M. R., Zinsmeister, A. R., Bharucha, A. E.
2018; 93 (9): 1256-1265
- **Assessing the colonic microbiome, hydrogenogenic and hydrogenotrophic genes, transit and breath methane in constipation** *NEUROGASTROENTEROLOGY AND MOTILITY*
Wolf, P. G., Parthasarathy, G., Chen, J., O'Connor, H. M., Chia, N., Bharucha, A. E., Gaskins, H. R.
2017; 29 (10): 1-9
- **Reproducibility of assessing fecal microbiota in chronic constipation** *NEUROGASTROENTEROLOGY AND MOTILITY*
Parthasarathy, G., Chen, J., Chia, N., O'Connor, H. M., Gaskins, H. R., Bharucha, A. E.
2017; 29 (10): 1-10
- **High-resolution Anorectal Manometry for Identifying Defecatory Disorders and Rectal Structural Abnormalities in Women** *CLINICAL GASTROENTEROLOGY AND HEPATOLOGY*
Prichard, D. O., Lee, T., Parthasarathy, G., Fletcher, J. G., Zinsmeister, A. R., Bharucha, A. E.
2017; 15 (3): 412-420
- **Relationship Between Gastric Emptying and Diurnal Glycemic Control in Type 1 Diabetes Mellitus: A Randomized Trial** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Parthasarathy, G., Kudva, Y. C., Low, P. A., Camilleri, M., Basu, A., Bharucha, A. E.
2017; 102 (2): 398-406
- **Determinants and clinical impact of pressure drift in manoscan anorectal high resolution manometry system** *NEUROGASTROENTEROLOGY AND MOTILITY*
Parthasarathy, G., McMaster, J., Feuerhak, K., Zinsmeister, A. R., Bharucha, A. E.
2016; 28 (9): 1433-1437
- **Evaluating the safety and the effects on colonic compliance of neostigmine during motility testing in patients with chronic constipation** *NEUROGASTROENTEROLOGY AND MOTILITY*
Mouchli, M. A., Camilleri, M., Lee, T., Parthasarathy, G., Vijayvargiya, P., Halland, M., Acosta, A., Bharucha, A. E.
2016; 28 (6): 871-878

- **Diaphragmatic breathing for rumination syndrome: efficacy and mechanisms of action** *NEUROGASTROENTEROLOGY AND MOTILITY*
Halland, M., Parthasarathy, G., Bharucha, A. E., Katzka, D. A.
2016; 28 (3): 384-391
- **Relationship Between Microbiota of the Colonic Mucosa vs Feces and Symptoms, Colonic Transit, and Methane Production in Female Patients With Chronic Constipation** *GASTROENTEROLOGY*
Parthasarathy, G., Chen, J., Chen, X., Chia, N., O'Connor, H. M., Wolf, P. G., Gaskins, H., Bharucha, A. E.
2016; 150 (2): 367-+
- **Effect of neostigmine on gastroduodenal motility in patients with suspected gastrointestinal motility disorders** *NEUROGASTROENTEROLOGY AND MOTILITY*
Parthasarathy, G., Ravi, K., Camilleri, M., Andrews, C., Szarka, L. A., Low, P. A., Zinsmeister, A. R., Bharucha, A. E.
2015; 27 (12): 1736-1746
- **Temporal Trends in the Incidence and Natural History of Diverticulitis: A Population-Based Study** *AMERICAN JOURNAL OF GASTROENTEROLOGY*
Bharucha, A. E., Parthasarathy, G., Ditah, I., Fletcher, J. G., Ewelukwa, O., Pendlimari, R., Yawn, B. P., Melton, L., Schleck, C., Zinsmeister, A. R.
2015; 110 (11): 1588-1597
- **Assessment of Sympathovagal Imbalance By Spectral Analysis of Heart Rate Variability in Prehypertensive and Hypertensive Patients in Indian Population** *CLINICAL AND EXPERIMENTAL HYPERTENSION*
Pal, G. K., Adithan, C., Amudharaj, D., Dutta, T. K., Pal, P., Nandan, P. G., Nanda, N.
2011; 33 (7): 478-483