

## Mathangi Janakiraman

Postdoctoral Scholar, Gastroenterology

 NIH Biosketch available Online

### Bio

---

#### HONORS AND AWARDS

- Seed Grant Funding, Stanford Plant-Based Diet Initiative (PBDI) (July 24 2023)
- Dean's merit scholarship (4 yrs) - I was among the top 2% of undergrads in the entire university, SASTRA University (2013-2016)
- Best outgoing M. Tech (5yr integrated) student - 2017, SASTRA University (2017)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Ludwig Maximilian Universitat Munchen (2022)
- Ph. D., Max Planck Institute for Biochemistry , Mucosal immunology, neuroimmunology (2022)
- M.Tech (5 yr integrated), SASTRA University , Biotechnology (2017)

#### STANFORD ADVISORS

- Laren Becker, Postdoctoral Faculty Sponsor
- Laren Becker, Postdoctoral Research Mentor

### Research & Scholarship

---

#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

As a postdoctoral scholar, I am studying the gut ecosystem, gut functionality nad neuroimmune interactions during aging and age-associated diseases like AD, and the role of fermented food in modulating gut health. I expect to be able to show that dietary modifications can help with healthy aging and to contribute to possibly leveraging dietary interventions therapeutically in age-associated diseases.

### Publications

---

#### PRESENTATIONS

- "Fermented food improves gut motility and alters MM phenotype" - Immunology symposium, Stanford University
- "Fermented food improves gut motility and alters macrophage phenotype" - NEUROGASTRO 2023 (August 30, 2023 - September 2, 2023)
- "Regional differences in the intestinal muscularis macrophages" - NEUROGASTRO 2023 (August 30, 2023 - September 2, 2023)