

Stanford



Meghali Aich

Postdoctoral Scholar, Neonatal and Developmental Medicine

Bio

BIO

My research interest lies in understanding how environmental factors contribute to neurodevelopmental disorders and translating those insights into therapies. Aligned with this, my current research in Dr. Anca Pasca's lab at Stanford focuses on how reductive stress associated with maternal metabolic syndrome affects fetal brain development.

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Academy of Scientific & Innovative Research (2024)

STANFORD ADVISORS

- Anca Pasca, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **CRISPR-cas diagnostics (CRISPR-Dx) of viral pathogens in low and limited resource areas: Current state and future directions** *TRAC-TRENDS IN ANALYTICAL CHEMISTRY*
Das, P., Aich, M., Adu, P., Bharti, V., Maiti, S., Chakraborty, D.
2026; 195