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Indradip Mandal

Postdoctoral Scholar, Chemistry

Bio

BIO

I am a polymer and materials chemist working at the interface of polymer synthesis, supramolecular chemistry, and functional soft materials. I received my B.Sc. in Chemistry (2017) and M.Sc. in Organic Chemistry (2019) from Jadavpur University, Kolkata, India, followed by a Ph.D. in Polymer Chemistry (2024) at the University of Fribourg, Switzerland, under Prof. Andreas Kilbinger. I subsequently worked as a postdoctoral researcher (2025-2026) at the Adolphe Merkle Institute with Prof. Christoph Weder, and I am currently a Postdoctoral Scholar in Prof. Yan Xia's group (2026-) at Stanford University. My research interests include ROMP, helical foldamers, mechanochemistry, and supramolecular materials.

HONORS AND AWARDS

- Postdoc. Mobility Fellowship, Swiss National Science Foundation (SNSF) (06.2026)

LINKS

- Google scholar: https://scholar.google.com/citations?user=hCGWGU4AAAAJ&hl=en

Publications

PUBLICATIONS

- **Catalytic Living Ring-Opening Metathesis Polymerization in Aqueous Media: A Route to Sustainable and Thermoresponsive Polymers** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
  Ahmed, I., Mandal, I., Kilbinger, A. F. M.
  2026

- **N-Amino Norbornene Imides as Scalable Monomers for Living Ring-Opening Metathesis Polymerization** *ACS MACRO LETTERS*
  Ahmed, I., Mandal, I., Freire, R. V. M., Crochet, A., Salentinig, S., Kilbinger, A. F. M.
  2025; 14 (3): 359-363