



Name: **Ram Rup Sarkar**

Division: Chemical Engineering and Process Development (CEPD)

Email: rr.sarkar@ncl.res.in

Phone: 020-2590-3040

Fax: 020-2590-2612

- Education and experience
- **Ph.D. (Science)**, Indian Statistical Institute & Jadavpur University, (2004)
  - **Post Doctoral** under Humboldt Research Fellowship, Germany
  - **Scientist**, CSIR-CCMB, Hyderabad (2005-2009)
  - **Senior Scientist**, CSIR-CCMB, Hyderabad (2009-2012)
  - **Senior Scientist**, CSIR-NCL, Pune (2012 - )
  - **Visiting Scientists**, Inst. of Med. Biometry, Univ. of Tuebingen, **Germany**; PL Inst. of Trop. Medicine, **Belgium**; & Univ. of Neuchatel, **Switzerland**
- Achievements
- **INSA Young Scientist Medal**, Indian National Science Academy & **Associate Fellow** of Indian Academy of Sciences
  - **CSIR-DAAD Exchange of Scientists' Fellowship**
  - **Young Scientist Award**, 89<sup>th</sup> Indian Science Congress.
  - Life member of **Indian Science Congress Association**, **Indian Biophysical Society**, and **Calcutta Mathematical Society**, India.
  - **Principal Investigator** of project grants from DST, DBT etc.
- Research subjects:
- Theoretical and Computational Biology
  - Chemical Engineering; Mathematical and Statistical Modelling
- Research Areas
- Study of *Biochemical reaction pathways* (Gene regulatory, Metabolic and Signalling) - small and large Networks; *Cellular interactions*.
  - System Biology of Cancer; Mechanisms of pathogenesis; Infectious Diseases
- Recent publications
- S. Chowdhury, R. N Pradhan & Ram Rup Sarkar : PLoS ONE (2013) Accepted
  - A Stauch, Ram Rup Sarkar, A Picado, et. al.: *PLoS Neglected Tropical Diseases* 5, (2011) e1405.
  - S Basu Roy, Ram Rup Sarkar, S Sinha: *Malaria Journal*, 10, (2011) 301.
  - S Mandal, Ram Rup Sarkar, S Sinha: *Malaria Journal*, 10, (2011) 202.
  - Ram Rup Sarkar, R. Maithreye, S Sinha: *J of Mathematical Biology*, 63, (2011) 283–307
  - C. Chatterjee, R.R. Sarkar: *PLoS ONE*, 4, (2009) e4726.