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Education and experience

- Senior Scientist, Chemical Engineering, Nov 2009- present
- Faculty, Infectious Diseases Division, Mount Sinai School of Medicine, NY, NY, USA (2006-2009)
- Post-doctoral Fellow, Bioengineering, UCSD, USA, 2002-2006
- Post-doctoral Fellow, Microbiology & Cell Sci., UFL, 2000-2002
- Ph. D, Chemical Engineering, IIT Bombay, India, 2000

Achievements

- Listed Among The Ten Great Advances In Evolution Of The Decade, Carl Zimmer, NOVA, 2009
- 2010 IRCC Award (IIT Bombay) For Maximum Citation of article in *Process Biochem.*, 1999, 35, 367

Research subjects:

- Chemical Engineering
- Life Sciences

Research Areas

- Metabolic and Evolutionary Engineering
- Systems Biology
- Cancer Metabolism

Recent publications

Thiele, I.,**Anu Raghunathan** et. al, A community effort towards a knowledge-base and mathematical model of the human pathogen *Salmonella* Typhimurium LT2, *BMC Syst Biol.* 2011 Jan 18;5:8. (**Highly Accessed article**)

Anu Raghunathan, Sookil Shin and Simon Daefer, Systems approach to investigating host-pathogen interactions in infections with the biothreat agent *Francisella*, 2010, *BMC Systems Biology*, **4**:118 (**Highly Accessed article**)

Christopher D Herring*, **Anu Raghunathan***, Christiane Honisch*, Trina Patel, Kenyon Applebee, Dirk Van Den Boom, Charles R. Cantor and Bernhard Palsson, A genomic investigation of experimental evolution with *Escherichia coli*, *Nature Genetics*, 2006, 38(12), 1406-1412. *Equal contribution