

Name: Dhanasekaran Shanmugam

Division: Biochemical Sciences

Email: d.shanmugam@ncl.res.in

Phone: 020-2590-2719

Fax: 020-2590-2648



Education and experience

- Post doctoral training at the University of Pennsylvania,, Phialadephia, USA. Worked on parasite genomics and metabolomics
- Ph.D from Indian Institute of Science, Bangalore, India. Carried out biochemical and cell biological characterization of heme biosynthesis in the malaria parasite *Plasmodium falciparum*
- M.Sc in Medical Biochemistry from JIPMER, Pondicherry University, Pondicherry, India
- B.Sc in Biochemistry from PSG College of Arts and Science, Bharathiyar University, Coimbatore, India

Achievements

- N/A

Research subjects:

- Life Sciences

Research Areas

- Molecular Parasitology
- Genomics / Metabolomics
- Drug discovery

Recent publications

1. Reid J. A, Vermont J. S, Cotton A. J, Harris D, Hill-Cawthorne A. G, Könen-Waisman S, Latham S, Mourier T, Norton R, Quail A. M, Sanders M, **Shanmugam D**, Sohal A, Wasmuth D. J, Brunk P. B, Grigg E. M, Howard C. J, Parkinson J, Roos S. D, Trees J. T, Berriman M, Pain A & Wastling M. J. Comparative genomics of the apicomplexan parasites *Toxoplasma gondii* and *Neospora caninum*: Coccidia differing in host range and transmission strategy. (2012). *PLOS Pathogens*. In Press.
2. Magarinos MP, Carmona SJ, Crowther GJ, Ralph SA, Roos DS, **Shanmugam D**, Van Voorhis WC, Aguero F. TDR Targets: a chemogenomics resource for neglected diseases. (2012). *Nuc. Acid Res.* 40:D1118-27.
3. **Shanmugam D**, Ralph SA, Carmona SJ, Crowther GJ, Roos DS and Fernán Agüero F. Integrating and mining helminth genomes to discover and prioritize novel therapeutic targets. (2012). In Press – *Wiley Book Series (Vol 4) on “Drug Discovery in Infectious Diseases” titled Chemo- and Immuno-therapeutic advances for treatment and control of helminthic infections.*