

Name: Mr. Subhabrata Sarkar

Designation: PhD Scholar

Qualification: MSc Medical Microbiology

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Research activity:

Childhood pneumonia, Molecular Pathogenesis of viral infections, viral phylogenetics and newer diagnostic approach for the diagnosis of viral infections, i.e. LAMP PCR

**Thesis:** Study of viral load, cytokines and nucleolin receptor in response to lower respiratory tract infections caused by human respiratory syncytial virus and human metapneumovirus and development of loop mediated isothermal amplification assay as rapid diagnostic test

**Thesis Guide:** Dr. R K Ratho, Head, Department of Virology

**Achievement:**

**Publications:**

- 1) Dried blood spot for Ebola testing in developing countries.  
Sarkar S, Singh MP and Ratho RK.  
The Lancet Infectious Diseases. Volume 15, No. 9, p1005, September 2015.  
**IF- 19.46**
- 2) TNF- alpha promoter polymorphism and its association with viral dilated cardiomyopathy in Indian population: a pilot study.  
B Mishra, M Sharma, **S Sarkar**, A Bahl, UN Saikia, RK Ratho  
Indian Journal of Medical Microbiology, (2015) 33(1): 16-20. **IF- 0.98**
- 3) Persistence of Human parvovirus B19 in tissues from adult individuals: a comparison with serostatus and its clinical utility.  
Aravindh R ,Uma N Saikia, Mishra B, Kumari V, **Subhabrata Sarkar**, Sharma M , R K Ratho and K Joshi. Archives of Virology. 2014 Sep;159(9):2371-6. **IF-2.11**
- 4) “*In-vitro* activity of antibiotics on biofilm producing isolates of *Pseudomonas aeruginosa*” –available online in *International Journal of Infectious Diseases*; vol.15; July 2011, p.-s35. supplement1.

## **Awards:**

1. Awarded **ICMR** Junior Research Fellowship 2012
2. Won the **first prize award** in presenting the paper entitled, “cytokine gene polymorphism and its association with viral DCM in Indian population” in **International Conference on Cardiomyopathy Research, 2013**.
3. Awarded complete travel grant from **Indian Council of Medical Research** for attending ECCMID 2015 held at Copenhagen, Denmark.
4. Awarded travel grant bursary from **Immunology Foundation** for attending ECCMID 2015 held at Copenhagen, Denmark.
5. Awarded complete travel grant from **Science and Engineering Research Board** (A Statutory body under Department of Science & Technology) for attending EMBL-EBI/Wellcome Trust Summer School in Bioinformatics held at the Wellcome Trust Conference Centre, Hinxton, Cambridgeshire, UK from 22 – 26 June 2015.