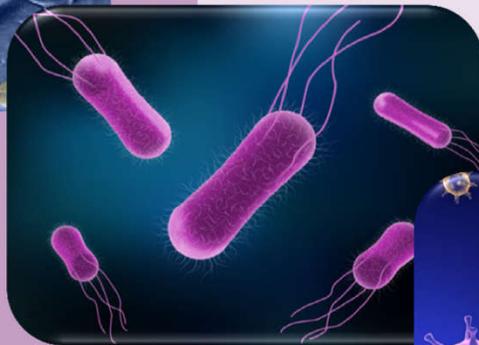
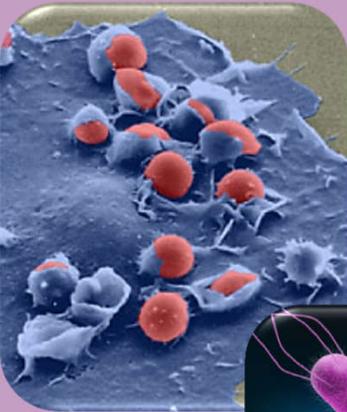




**Department of Life Science,
National Institute of Technology, Rourkela,
Odisha**

**Presents
National conference on**

**Host-pathogen interaction:
present and future
perspective (Online)**



**24th & 25th September, 2020
Department of Life Science
NIT Rourkela, Odisha**



Department of Life Science, NIT Rourkela, Odisha
presents



**National Conference on "Host-pathogen interaction:
present and future perspective" (ONLINE)
24th & 25th September, 2020**

Distinguished speakers



Prof. R. Ravishanker
CDRI Lucknow

Prof. Dipshikha Chakravorty
IISc Bangalore



Dr. Milan Surajit
THSTI , Faridabad

Prof. Dipankar Nandi
IISc Bangalore



Dr. Manjula Kalia
RCB Faridabad

Dr. Anirban Banerjee
IIT Bombay



Dr. Soma Chattopadhyay
ILS Bhubaneshwar

Dr. Sandhya A. Marathe
BITS Pilani



Dr. Ashwani Kumar
IMTECH Chandigarh



Free registration

**e-Certificates will be
provided**

Registration:

<https://bit.ly/3hLuZvK>



**Join us at : Link will be shared with the registered participants
before the conference**

Organizers

Prof. Animesh Biswas, Director, NIT RKL, Patron
Prof. Surajit Das, Chairman
Prof. S.K. Patra, Advisor
Prof. Vidya D. Negi, Convener
Prof. Rohan Dhiman, Convener
Prof. Binod, B. Sahu Treasurer

Contact information

Dr. Vidya D. Negi deviv@nitrkl.ac.in
+91-8280467911
Dr. Rohan Dhiman, dhimanr@nitrkl.ac.in
+91-8594828323



“Host-pathogen interaction: present and future perspective”



Schedule of online talks
24.09.2020, Day1

Speaker & Time	Event
10:00-10:30	Inaugural session
Prof. D. Chakravorty 10:40-11:30	Life in a Vacuole
Arun Sharma 11:40-11:55	Characterization of VapBC toxin antitoxin modules from <i>Mycobacterium tuberculosis</i> (short talk)
Balasubramani G L 12:00-12:15	Structure-based drug repurposing to inhibit the DNA gyrase of <i>Mycobacterium tuberculosis</i> (short talk)
Break	
Dr. Anirban Banerjee 14:00-14:50	Why make enemies if we can be friends
Prof. D. Nandi 15:00-15:50	Thymic atrophy
Dr. S. A. Marathe 16:00-16:50	Characterizing the role of the CRISPR-Cas system in <i>Salmonella</i>
Dr. Shubbir Ahmed 17:00-17:30	Protein-subunit Based Immunogen Design in HIV-1 (short talk)
25.09.2020, Day 2	
Speaker & Time	Event
Prof. R. Ravishanker 10:00-10:50	Novel functions of an essential Phosphoserine phosphatase involved in Serine metabolism in <i>Mycobacteria</i>
Dr. Ashwani Kumar 11:00-11:50	Diatomic gases modulate trafficking and intracellular survival of <i>Mycobacterium tuberculosis</i>
Dr. Manjula Kalia 12:00-12:50	Proteome landscape of Japanese encephalitis virus
Dr. Nishi R. Sharma 13:00-13:30	Mammalian cell RNA granules at the interface of virus-host interactions (short talk)
Break	
Dr. S. Chattopadhyay 15:00-15:50	Host pathogen interaction of Chikungunya virus
Dr. Milan Surajit 16:00-16:50	Host-pathogen interactions in SARS-COV2: Insights from virus-host RNA-Protein interaction network analysis
Dr. Nima D. Namsa 17:00-17:15	Rotavirus NSP1 degrade interferon receptor in a PKR-dependent manner (short talk)
Mr. Assirbad Behura 17:20-17:35	ESAT-6 favors mycobacterial survival by inhibiting host immune responses through miR-30a-3p (short talk)

17:40-18:10

Concluding Remarks