



KASTURBA MEDICAL COLLEGE

MANIPAL

(A constituent unit of MAHE, Manipal)

RESEARCH
TALK
SERIES
2021

2nd Friday of Each Month, 3-4 p.m.

Research Cell at

Kasturba Medical College and Hospital, Manipal

Cordially invites you to a

Research Focus Talk

On

**“Bacterial Genetics in a Model and Non-model
Bacterial System”**

By

Piyush B. Lal, Ph.D.

Assistant Professor and and Ramalingaswami Fellow

Department of Microbiology,

KMC, Manipal.

Date: **January 14, 2022**

Time: **3-4 p.m.**

Venue: **Online Webinar on MS Teams “Research Talk Series”**

Team Code: **tk3h0q6**

YOUR PRESENCE IS HIGHLY SOLICITED.



**A Research Cell
Initiative**

Dean, Kasturba Medical College, Manipal
Manipal Academy of Higher Education,
Manipal, Karnataka – 576 104.



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Piyush B. Lal, Ph.D.

Assistant Professor and Ramalingaswami Fellow

Department of Microbiology, KMC, Manipal.

Biosketch:

Dr. Piyush Behari Lal, has recently joined as a full-time research faculty. He has 13 years of international research and teaching experience in the field of Microbiology. He has obtained his B. Sc. (Hons) degree in Biological Techniques from L. N. Mithila University as a University topper, M. Sc. degree in Biomedical Sciences from Bundelkhand University, Jhansi, U.P. Thereafter, he moved to USA for an integrated MS-Ph.D. degree at the University of Texas at Dallas in the specialty of molecular and cell biology and postdoctoral training at the University of Wisconsin – Madison, WI, USA, where he continued to work as an Assistant Scientist for the Great Lakes Bioenergy Research Center. His PhD dissertation involved finding redundancy and promiscuity of aminotransferases in *Escherichia coli* and postdoctoral work involved discovering barriers of genetics in a non-model microbe *Zymomonas mobilis*.

He is extensively trained on genomic, biochemical and proteomic studies of alpha- and gamma-proteobacteria. He is trained for various molecular/cell biology techniques, protein chemistry studies and immunological assays that are required for basic science research. He has led several research projects in collaboration with several eminent faculties of his field of research and has trained more than 25 undergrad and MS students who have contributed towards peer reviewed journal publications in PubMed.