

### ***From the desk of the Editor-in-Chief***



*It is a great pleasure to announce and present the inaugural issue of Indian Journal of Microbiology Research for our readers. A collective effort of editors, publishers, reviewers and authors brings out this open accessed, peer-reviewed, scientific research journal. The journal serves as a platform for communicating wealthy novel findings in the field of Microbiology to the researchers, students and readers.*

*Microbiology is the study of microscopic organisms, may be unicellular, multicellular, or a cellular in structure. The discipline Microbiology comprises of numerous sub-disciplines including virology, bacteriology, mycology, parasitology, ect. Microbial life may have appeared as early as 3.8 billion years ago, soon after our planet earth formed out of dust from the young sun. Since then microbes have diverged into different forms adapted to diverse ways of life, from psychrophilics beneath the ice of Antarctica (-15°C to -30°C) to anaerobes in the human colon.*

*In this present decade, antimicrobial drug resistance possesses a serious challenge to the global community. Each and every country is facing the menace of multidrug resistant bacteria in form of “super bugs” like methicillin resistant *Staphylococcus aureus*, vancomycin resistant *Enterococci*, extended spectrum beta lactamases, metallo-beta lactamases etc. Compounding to this, only few new drugs have been approved by U.S food and drug administration since 2010. We could return to the pre-antibiotic era, if drastic measures are not taken. We are still struggling to develop effective vaccines against most of the parasitic diseases and majority of viral diseases. The reemergence of Ebola virus disease in West Africa during 2014, against which there is no specific therapy or vaccine, gives a wake-up call for the entire scientific community. In this context, we need continuous research on different aspects of microorganisms.*

*The journal, Indian Journal of Microbiology Research covers general microbiology as well it's all applied branches like medical, pharmaceutical, food, agricultural, veterinary, industrial, environmental microbiology and microbial biotechnology. Editorial board welcomes all types of articles like original research articles, systematic reviews, review articles, case reports, short communications, and letter to the editor etc.*

*Finally, I would like to thank the editorial and reviewer's team, authors as well as publishers and team members, Innovative Publication for contributing to this first issue. Editors will welcome all constructive criticisms as well as new suggestions to improve the quality of the journal.*

Yours Sincerely,

Dr. Muktikesh Dash  
Editor-in-Chief,  
Indian Journal of Microbiology Research