



**Dr. Somnath Das**

Dr. Somnath Das, an assistant professor at CDOE, The University of Burdwan, has published over 20 books nationally and internationally. Dr. Das has published over 80 research papers, book chapters and essays in various periodicals. He has given papers at many seminars, conferences, symposiums, and workshops regardless of borders. His endless curiosity and passion for numerous subjects drive Dr. Das's scholarly efforts.



**Dr. Jayanta K. Das**

Dr. Jayanta K. Das, Assistant Professor of Biology, Department of Health and Natural Sciences, Florida Memorial University, teaches and mentors students in General Biology, Human Anatomy and Physiology, Microbiology, Radiochemistry, Radiobiology, Physical Chemistry, Critical Thinking in Natural Sciences, Cancer Stem Cells, Organoids, and epigenetic reprogramming. His research includes cancer stem cell molecular signalling pathways and anti-cancer drugs.



**Dr. Mayur Doke**

Eminent Scientist at the University of Miami, specialising in molecular biology and bioinformatics, has advanced biomarker identification for targeted medicines. His research has covered pulmonary arterial hypertension, HIV neuroepigenetics, drug abuse and diabetes. He is proficient in bulk RNA and single-cell RNA sequencing and has developed a deep understanding of complex genomic data, which has led to novel treatment strategies. His expertise in R and Python, as well as his ability to combine rigorous bench science with sophisticated computational analysis, has made him a vital contributor to biotechnology and pharmaceuticals.



**Dr. Vincent Avecilla**

Vincent has been in the healthcare & life science industry for 10+ years with experience in venture capital, medical affairs, medical writing and consulting. He has worked with early-stage start-ups and Fortune 500 companies. Vincent received his BA in Psychology from the University of Rhode Island and Ph.D., MPH in Public Health from Florida International University.



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Life as Basic Science: an Overview and  
Prospects for the Future

Dr. Somnath Das; Dr. Jayanta K. Das;  
Dr. Mayur Doke; Dr. Vincent Avecilla

# Life as Basic Science

an overview and prospects for the future

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**Editors**  
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