



Dr. Debjit Biswas

Vice President

**Development Operations India
Pfizer Healthcare India Pvt. Ltd.**

Title of the Talk

Statistical Leadership in Advancing Innovation in Drug Development

April 10, 2026 || 03:00 PM || Classroom 4, TECHNA

Abstract of the Talk

This talk will touch on the challenges with the current paradigm of drug development and provide a high-level overview on how Statistics and statisticians are contributing to innovation in trial design, use of real world data, analytics and AI/ML. It will also touch on the role of statistics across design, validation, assessment of data quality and distinguishing causality vs. association.

About the Speaker

Dr. Debjit Biswas is a senior Leader in Clinical Development leading the Data Sciences & Analytics organization for Pfizer in India and Philippines. He is the Site Head for Pfizer's R&D site in Chennai, with ~1300 colleagues. Dr. Biswas has industry experience of over 25 years; has contributed as a statistician, drug developer and leader, for large and small pharma, and biotech companies. He has worked in the US, India and Belgium, and contributed to multiple regulatory submissions for small molecules and biologics.

Dr. Biswas is a founding member of the Indian Association for Statistics in Clinical Trials (IASCT) and was most recently the India Chapter President of the International Indian Statistical Association (IISA). He received his B.Stat. and M.Stat. degrees from the Indian Statistical Institute, Kolkata and Ph.D. in Statistics from the University of Michigan, Ann Arbor, USA.