



International Alliance for
Biological Standardization



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Shu Yang is Manager of Manufacturing Intelligence & Global Automation (MIGA) at Pfizer, where they lead the development of novel AI and digital solutions to support manufacturing operations. Shu holds a Ph.D. in Chemical Engineering from Rensselaer Polytechnic Institute (RPI) and has a strong background in Six-Sigma process optimization, advanced control, and data science. Currently, Shu is applying Interpretable Machine Learning (IML) to improve bioprocess performance and uncover actionable insights that enhance yield and reliability.