

Biography of Jae Woo Jung

Jae Woo Jung, Ph.D., is a Postdoctoral Fellow at the University of Pennsylvania's Cardiovascular Institute, where he investigates cardiac metabolism. Dr. Jung earned his B.S. in Biochemistry and Cell Biology from the University of California, San Diego, and his Ph.D. from Seoul National University, where he focused on metabolic pathways and extracellular vesicle (EV) communication. With over 15 years of lab experience spanning academia and industry, Dr. Jung has authored numerous publications, holds multiple patents, and has been recognized with national and international awards, including an American Heart Association Postdoctoral Fellowship. His research centers on metabolic defects in heart failure using metabolomics, lipidomics and isotope tracing. Driven by a deep curiosity and dedication to biomedical science, Dr. Jung aims to develop innovative strategies to restore metabolic balance in diseased hearts and ultimately lead an independent research team focused on advancing cardiovascular health.