

James F. Martin Biography

Dr. Martin is an internationally recognized developmental and regenerative biologist who has made fundamental contributions to our understanding of development, disease, and regeneration. His research focuses on connecting signaling pathways to adult tissue regeneration to develop ways to treat congenital diseases and heart muscle regeneration. With over 200 peer-reviewed publications in prestigious journals like *Nature* and *Science*, *Cell*, *Developmental Cell*, *Plos Genetics*, *Development*, and *PNAS*, his groundbreaking work on the Hippo pathway in heart size regulation uncovered its role as an inhibitor of adult heart muscle regeneration, offering promising directions for human heart failure treatment.