

Charles Murry, MD, PhD

Dr. Charles (Chuck) Murry received his bachelor's degree in chemistry from the University of North Dakota, followed by MD-PhD training at Duke University, where he studied myocardial ischemia-reperfusion injury. He did residency training in Pathology at the University of Washington, followed by fellowship training in vascular biology and diagnostic cardiovascular pathology. He is currently a professor in the departments of Laboratory Medicine & Pathology, Bioengineering, and Medicine/Cardiology at the University of Washington.

Murry's research focuses on stem cell biology, with an emphasis on understanding differentiation of the human cardiovascular system and using these cells to study diseases and to regenerate damaged tissues. His group is a world leader in heart regeneration and is working toward a clinical trial using cardiomyocyte therapy.

In addition to running his research group, Dr. Murry is the director of the UW Institute for Stem Cell and Regenerative Medicine. He has served on many local, national and international committees, spoken widely about stem cells and cardiovascular medicine, and he has received numerous awards for teaching and scientific achievement. Dr. Murry is a member of the ISSCR Board of Directors and the ISSCR Clinical Translation Committee.

Most recently, Murry moved part of his research group to Sana Biotechnology, where he now serves as Head of Cardiometabolic Therapy. His team at Sana is working to bring stem cell-based heart regeneration into clinical trials.