

SCRIPPS HEALTH/SCRIPPS CLINIC BIO-REPOSITORY AND BIO-INFORMATICS CORE



Jamie Case, PhD
Scientific Director

Primary Focus Areas: Angiogenesis, Bio-banking, Bio-specimen Pre-analytics, Cancer, Solid Organ Transplantation

Dr. Case has 30 years of experience in cancer/oncology/transplantation and biotechnology research and administration, and has been involved in numerous clinical trials as well as various translational and basic science research studies. He received his Bachelor of Science degree (first class, with honors) and PhD from the University of New South Wales in Sydney, Australia. Dr. Case completed his postdoctoral fellowship at the Indiana University School of Medicine in the Department of Hematology/Oncology, and then established and was the director of the Indiana University Melvin and Bren Simon Comprehensive Cancer Center's Angio BioCore facility. During this time, Dr. Case's work focused on understanding of the basic science in relation to underlying and identifying the cellular basis of angiogenesis/cancer. His research group was the first to develop a novel multi-parametric flow cytometry protocol that phenotypically (and functionally) identified the rare circulating endothelial colony forming cells (ECFCs), and also a subset of pro-angiogenic and non-angiogenic circulating hematopoietic stem and progenitor cells (pCHSPCs and nCHSPCs, respectively) that directly correlated with disease progression in a number of adult and pediatric patient populations with a variety of diseases (e.g., melanoma, breast cancer, peripheral vascular disease, solid brain tumors).

In 2014, Dr. Case was recruited to establish a bio-repository core facility at Scripps Clinic to further the clinical, translational and basic science research opportunities for Scripps Clinic Medical Group and Scripps Health. He currently oversees the coordination and management of the Scripps Health/Scripps Clinic Bio-Repository and Bio-Informatics Core, as well as various clinical trials and studies related to kidney and liver transplantation being conducted within the Scripps Center for Organ and Cell Transplantation. His current research is focused on solid organ transplantation studies, particularly kidney and liver, as well as the bio-preservation and use of patient samples.

In addition, Dr. Case has successfully administered university- and NIH-funded grants and projects as a primary or co-investigator, responsible for various duties including staffing, research oversight, research protections and budget, collaborating with other researchers, and producing numerous peer-reviewed publications from each project.

Publications: <https://www.ncbi.nlm.nih.gov/myncbi/1Fo5gbTgncF5P/bibliography/public/>