

Dr. Louise McCullough is a physician-scientist and practicing vascular neurologist with clinical expertise in sex/gender disparities, microbiome, stroke prevention, acute stroke treatments and outcome assessment. She is well recognized for her work in cerebral vascular disease and is known for her research identifying sex differences in cell death pathways during stroke, which have now been shown to be a major factor in the response to ischemic insult. Working closely with the Society for Women's Health Research (SWHR) and the Office of Research on Women's Health (ORWH), she was instrumental in the National Institute of Health's requirement to include female animals in basic and translational studies.