

EDICAL
E E

Next, we visited with the structural biology team, which includes:

- Jimmy B. Feix, PhD, Professor
- Candice S. Klug, PhD, James S. Hyde Professor of Biophysics; Director, National Biomedical EPR Center; Program Director, Biophysics Graduate Program; Vice Chair for Research in the Department of Biophysics
- Vanessa A. Leone, PhD, Assistant Professor
- Michael T. Lerch, PhD, Associate Professor
- Francesca M. Marassi, PhD, Professor, Chair, and Eminent Scholar; Associate Director, MCW Cancer Center Shared Resources
- Fabrizio Marinelli, PhD, Assistant Professor
- Kyungsoo Shin, PhD, Assistant Professor
- Jason W. Sidabras, PhD, Assistant Professor
- Gopinath Tata, PhD, Assistant Professor

Dr. Lerch and colleagues have used EPR and other biophysical methods to develop a new biased agonist for the β_2 -adrenergic receptor, a G protein coupled receptor that is expressed in cardiac myocytes and plays essential roles in the regulation of cardiac function by the sympathetic nervous system. The study deepens our understanding of G protein specificity and bias, and it accelerates the design of therapeutic drug precursor ligands that select preferred signaling pathways.

I celebrated the hard work of Dr. Candice Klug who



