Key questions defining research program:
1) Cellular and molecular mechanisms of chronic inflammatory kidney diseases.
2) Immunity against fungal and bacterial infections in the kidney.
3) Kidney-gut microbiome cross-talk in acute and chronic kidney injury.

Key words describing research program:
1) lupus nephritis
2) cytokines
3) pathogenesis
4) renal inflammation
5) kidney disease

Titles for shovel-ready research projects:
1) Chronic inflammatory kidney disease – basic and translational research. The project will focus on understanding the cellular and molecular mechanisms of chronic kidney diseases including lupus nephritis. More specifically, we will define the role of inflammatory cytokines such as IL-17 in the pathogenesis of renal inflammation and its progression to end-stage renal diseases.