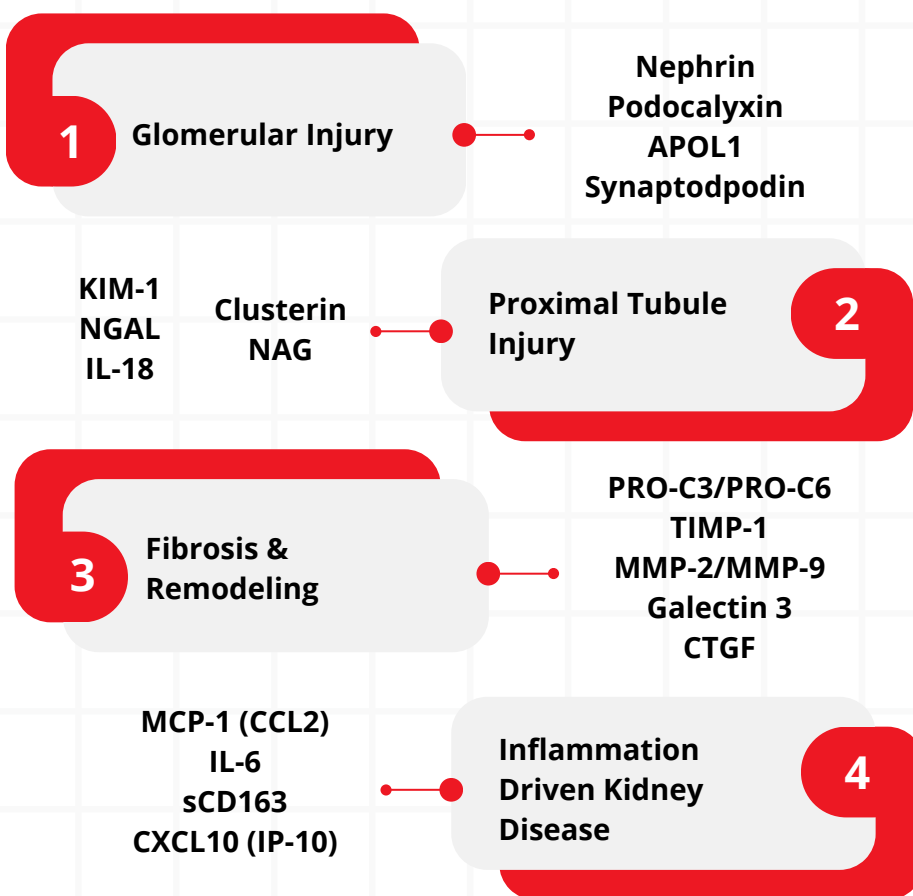**SBH SCIENCES™**

Kidney Disease

Bridging the gap from bench to bedside for kidney disease research. SBH Sciences provides an end-to-end translational ecosystem—combining state-of-the-art disease models with 28 years of preclinical expertise.

Biomarker Panels

1 Glomerular Injury

Nephrin
Podocalyxin
APOL1
Synaptodpodin

KIM-1
NGAL
IL-18

Clusterin
NAG

Proximal Tubule Injury 2

3 Fibrosis & Remodeling

PRO-C3/PRO-C6
TIMP-1
MMP-2/MMP-9
Galectin 3
CTGF

MCP-1 (CCL2)
IL-6
sCD163
CXCL10 (IP-10)

Inflammation Driven Kidney Disease 4

Key Indications

- Diabetic Kidney Disease (DKD)
- IgA Nephropathy (IgAN)
- Focal Segmental Glomerulosclerosis (FSGS)
- Lupus Nephritis (LN)
- Autosomal Dominant Polycystic Kidney Disease (ADPKD)
- Chronic Kidney Disease (CKD)
- Acute Kidney Injury (AKI)

Biomarker Analysis

- Extracellular Vesicle-Based Biomarkers
- Urine and Plasma Biomarkers
- Luminex/MSD/Ella

Disease Modeling

- 3D Organoids
- Nephrotoxicity
- Inflammation Models
- Bioanalysis

In-Vitro Models

Conditionally Immortalized Human Podocytes

Primary Human Proximal Tubule Epithelial Cells (hPTECs)

Human Primary Kidney Fibroblasts