1. Kidneys are fixed and embedded
   Whole kidneys are exhaustively sectioned, and stained

2. Stained sections are digitally captured

3. Files are loaded into Fiji (ImageJ). Macros allow for batch processing to reduce file size and enhance identification of glomeruli

4. Files are imported into the TrakEM2 plugin for processing and analysis

5. Individual glomeruli are automatically assigned unique IDs and summary values are generated following counts