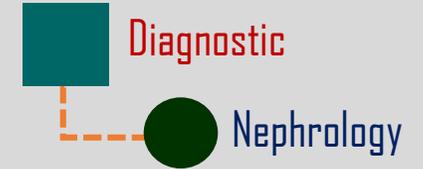


Single-cell sequencing of urine cells as transformative diagnostic for kidney diseases



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SUMMARY

Kidney diseases affect about one in ten people and is associated with significant morbidity and mortality. At present, there are no biomarkers based on liquid biopsies and nephrologists are dependent on kidney biopsy to get a meaningful diagnosis.

Our vision is to establish single-cell RNA sequencing of urine cells as a completely new and non-invasive approach to diagnosing kidney diseases.

PROJECT GOALS

- proof-of-principle
- analyze urine samples of patients with different kidney disease indications

LONG-TERM GOALS

- Patenting disease-specific diagnostic signatures as well as AI-based algorithm for diagnosing kidney diseases
- Startup foundation or licensing