What is Kidney Stone Matrix?
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NNIN Facility utilized: Characterization Facility

- Used powder XRD (Bruker-AXS GADDS) to classify kidney stone composition
- 48 total kidney stones -> 25 found to be “pure” calcium oxalate or phosphate

MAJOR OBSERVATIONS
- Extracted proteins
- Identified peptides by mass spectrometry (QSTAR Pulsar machine, Proteomic facility)
- Added 90 proteins to the kidney stone proteome

Publications