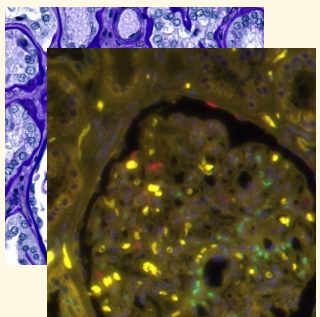


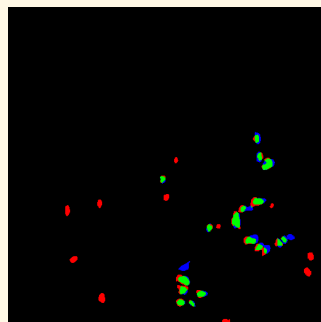
Lay annotator

• Senior undergrad
• Engineering major
• Non-expert

Anatomical +
molecular images



Annotation metric

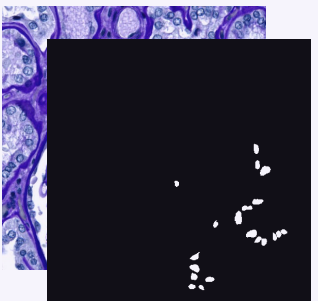


TP
FP
FN

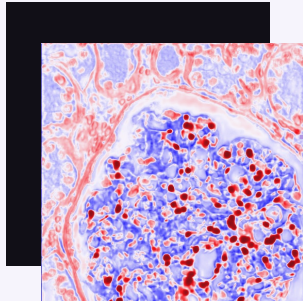
AI model

• Data-driven
• Noise labels
• Embedding

Image +
lay annotation



Self-corrective
awareness



Top features
Bottom features

Consensus matrix



	Cell	Non-cell	
Cell	Consensus Positives (CP)	Disagreement Human-positives (DH)	
Non-cell	Disagreement Model-positives (DM)	Consensus Negatives (CN)	

Consensus :

- Regions agreed upon by Lay annotator and AI model.
- Cell and non-cell regions

Disagreement:

- Disagreement regions between Lay annotator and AI model.
- Cell or noise regions.

