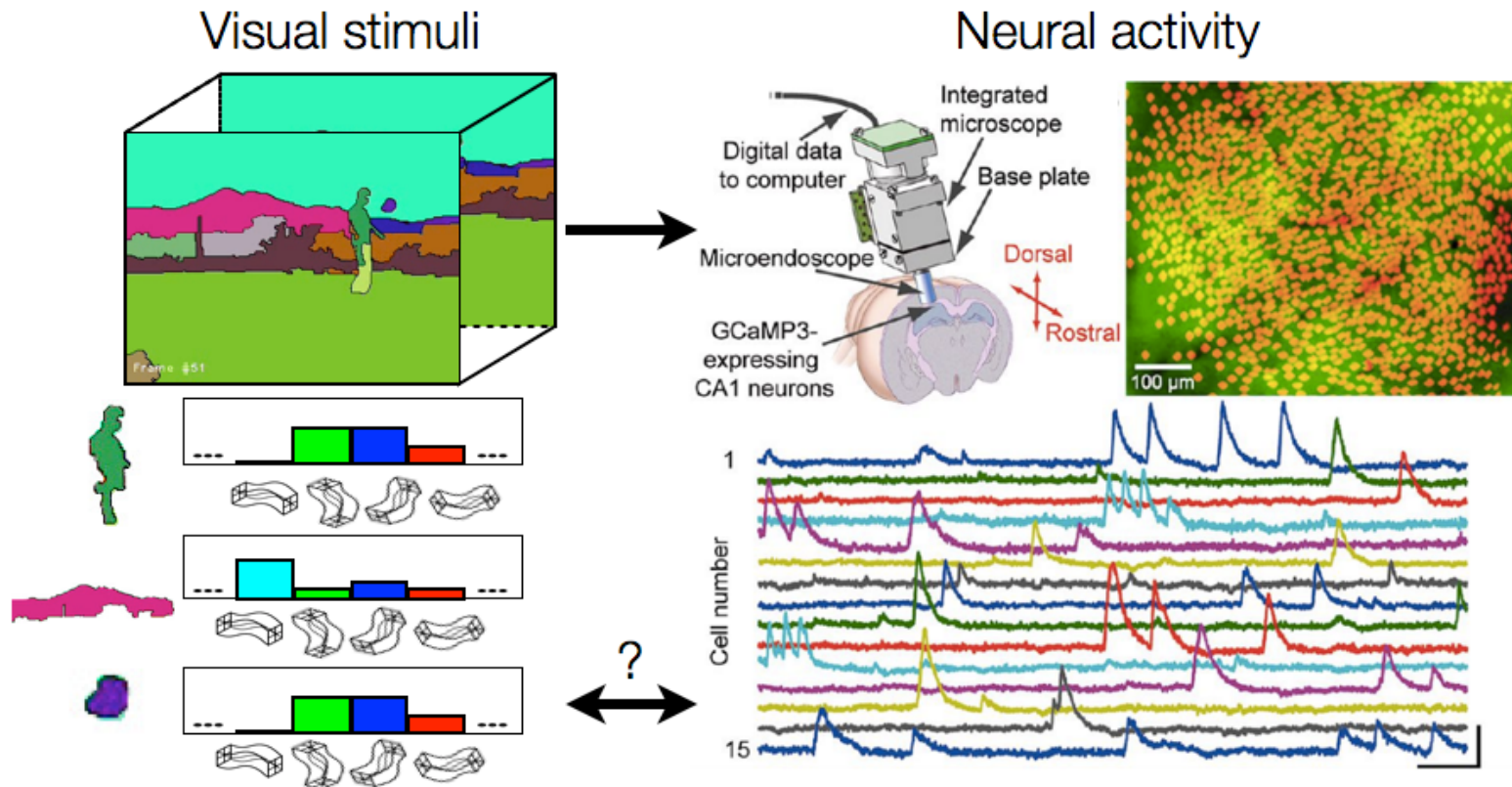


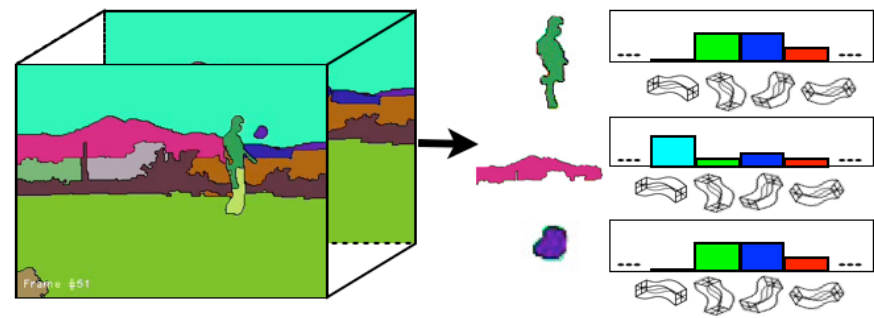
- Columbia University
- Rafael Yuste, Ekaterina Taralova

Discover the structure and function of neural circuits and build models to predict neural and visual stimuli.



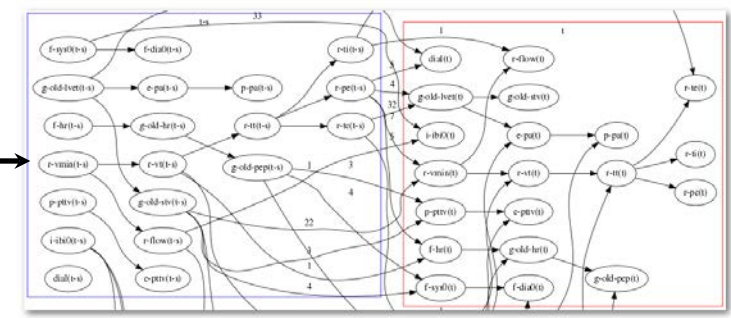
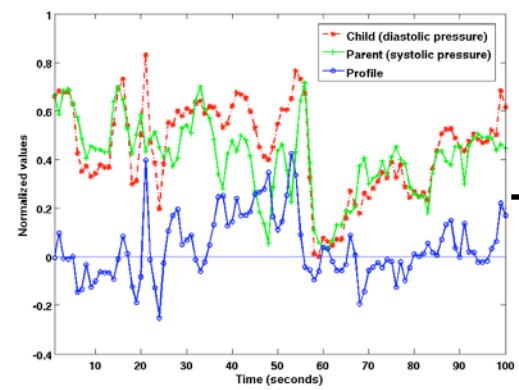
# Expertise

Representation and segmentation of visual data



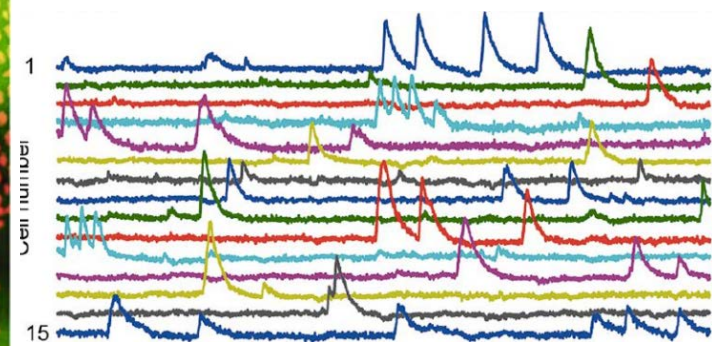
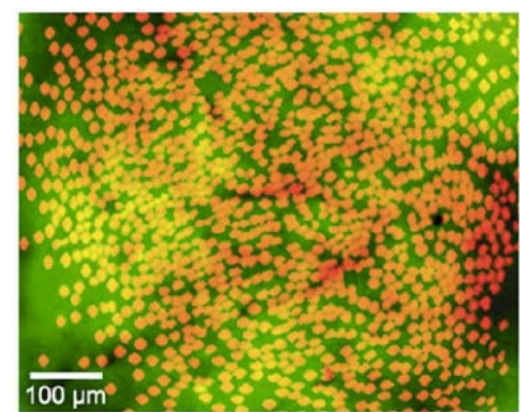
Taralova et.al.

Structure learning and classification



Taralova et.al.

Two-photon calcium imaging



Yuste et.al.

Discover structure and function of cortical microcircuits

Discover cortical computing primitives

Develop machine learning algorithms based on the learned cortical computing primitives

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