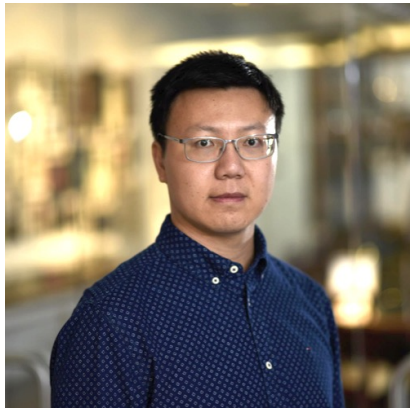

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Research Interests
CryoEM/ET

Strengths or Unique Resources
cryoEM/ET, cryoFIB

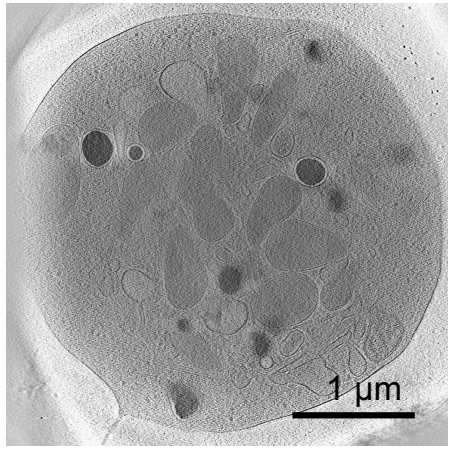
Type of collaborator you seek
Disease related cell imaging and morphological changes
Hematological disease
Protein-protein interaction

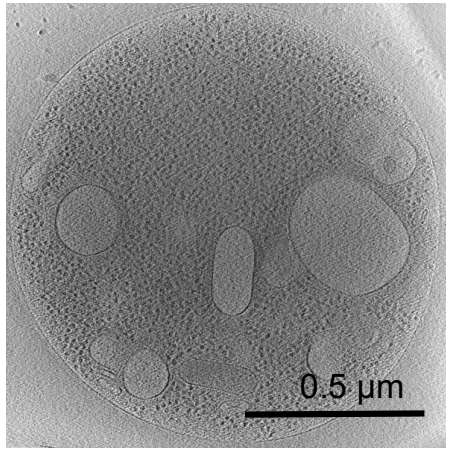
Publication List
https://scholar.google.com/citations?user=ezf7qnAAAAAJ&hl=en

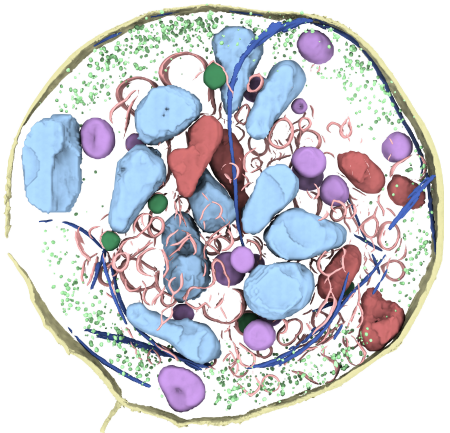
Lab or Faculty website
https://www.bcm.edu/research/faculty-labs/zhao-wang-lab

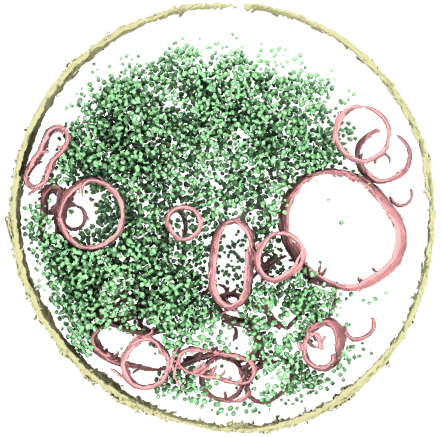
LinkedIn
https://www.linkedin.com/in/zhaowangcryoem/

Twitter
https://x.com/zhaowang_bcm





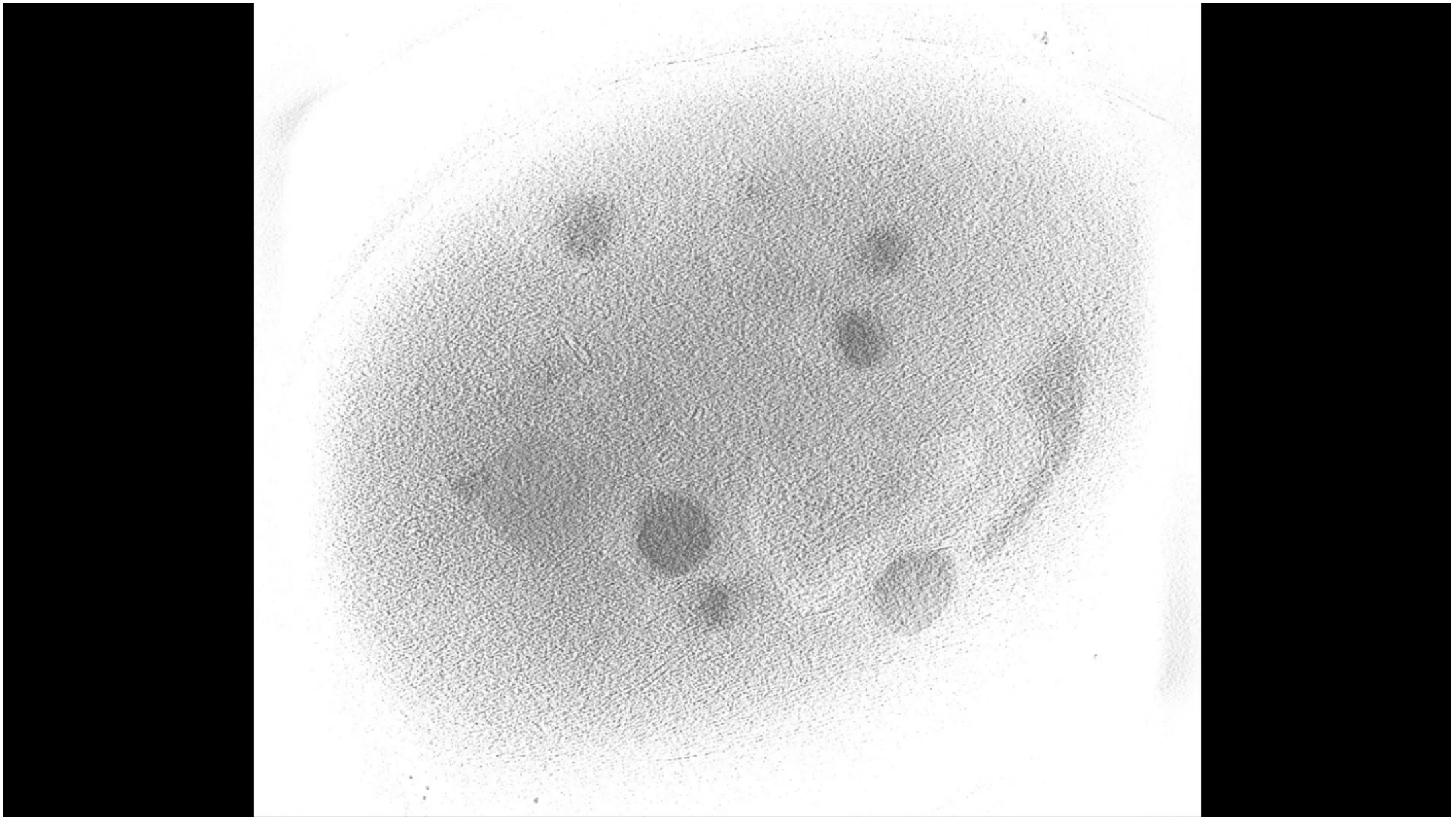




α granule, dense granule, mitochondria, λ granule, membrane, microtubule, OCS, glycogen, TS

Cryo-ET imaging of platelets from normal and AML mice

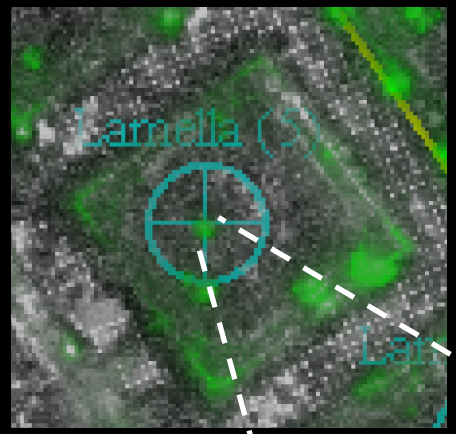
3D tomogram of platelet cell by cryoET

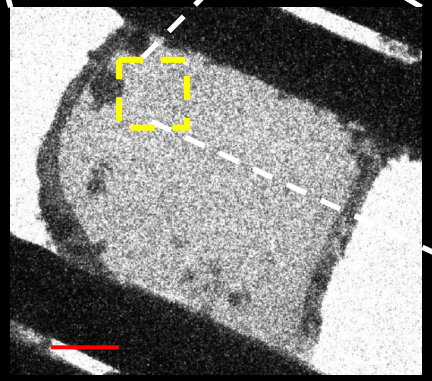


By Tong Huo

Excitatory synapse imaged with 200kV Glacios™

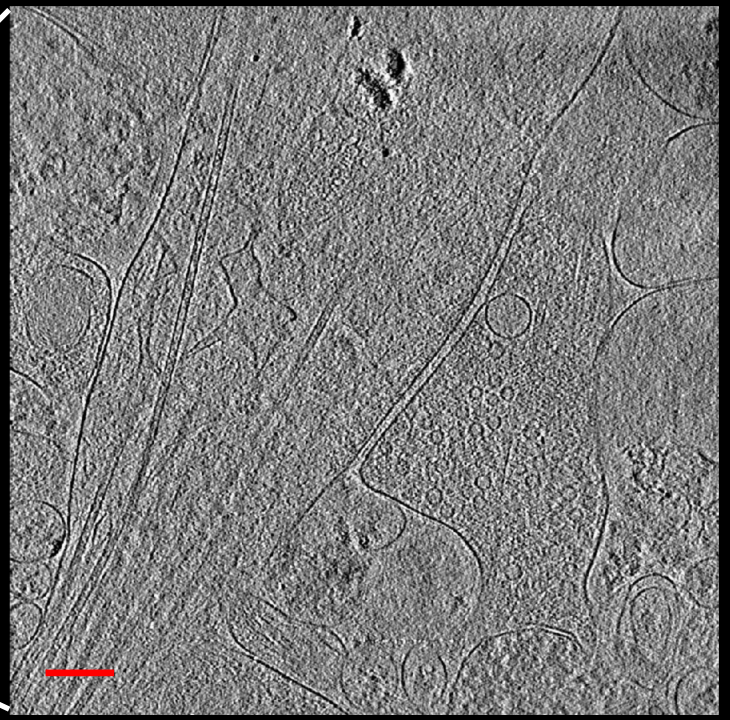
Robyn Tebbetts
cryoFIB microscopist





Scale bar=25µM

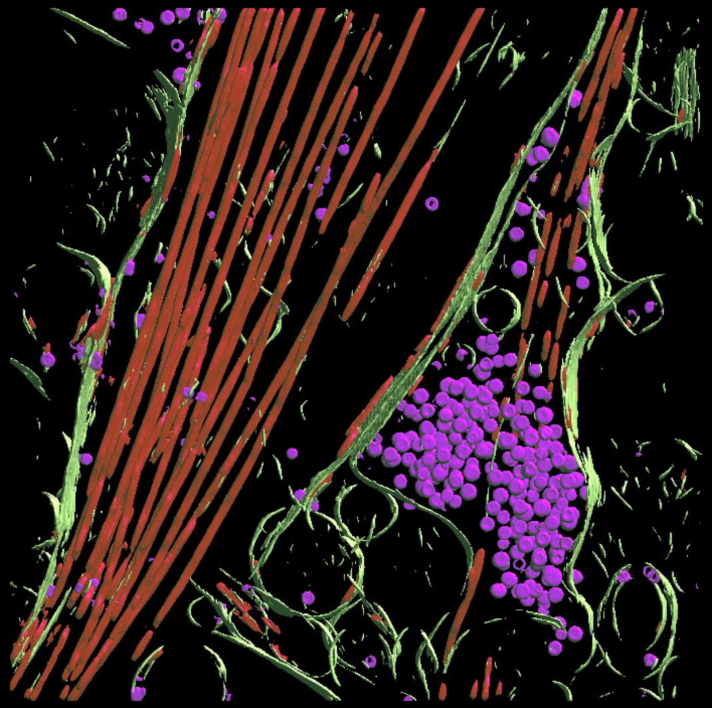
- Defocus = -5µM
- Dose symmetric
- 50/-50, 2° step



Scale
bar=200nm

DIV=21

- Dose = ~80 $e^-/Å^2$
- 5.22 Å/pixel



Green = bilayer
Microtubules = red
Vesicles = purple

Produced by Erik Anderson and Isaac Forrester