

Company

Okinawa Protein Tomography, Ltd.

Presenter

Akira Kamei



Cryo Electron Microscope



Titan Krios



Talos Arctica

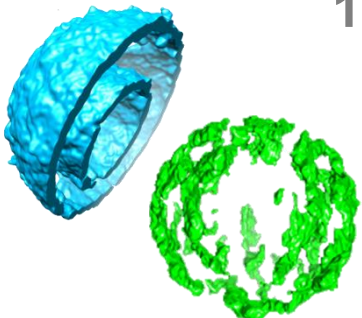
+ Tomography Method Based
3D structural analysis program (**COMET**)

Reconstructing 3D tomogram
from projection images
(tilted views)

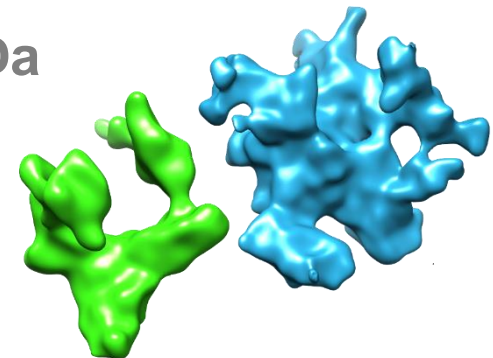


Imaging Service to visualize structures of various biomolecules at the single, individual molecule level

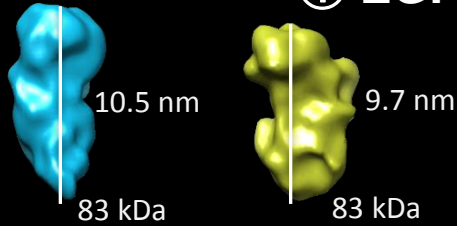
15 Å resolution, molecular size > 30 kDa



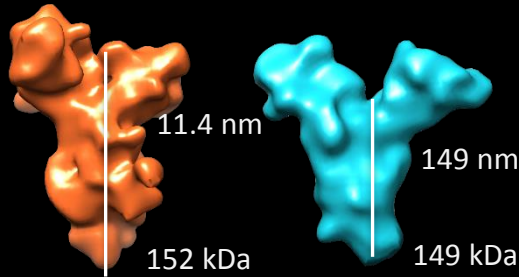
improving drug discovery process



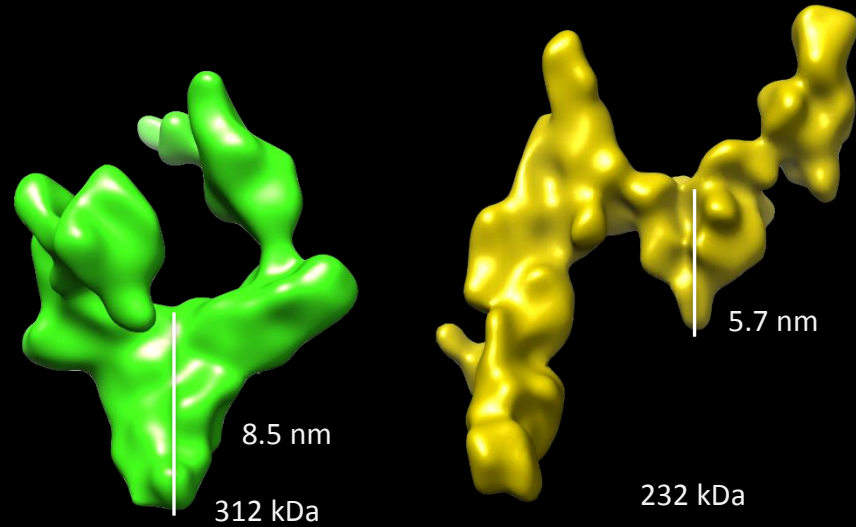
① EGFR



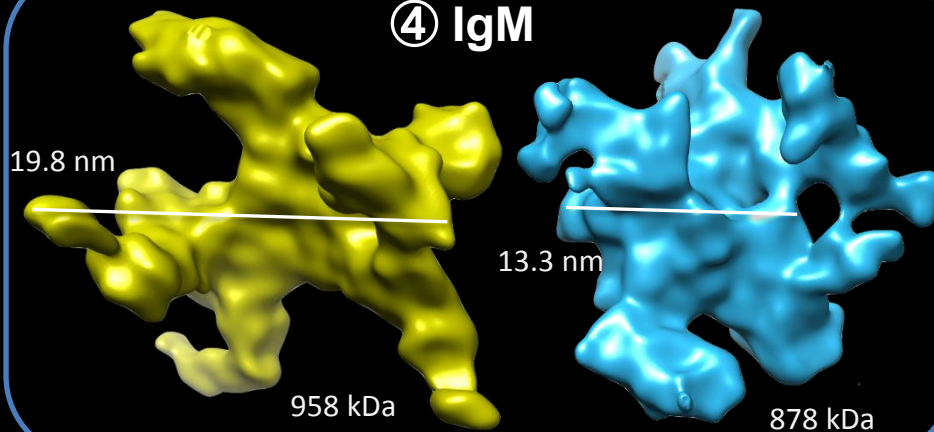
② Anti-EGFR Antibody



③ Complex (①+②)



④ IgM



⑤ HSP90 + ATP

