站在巨人的肩膀上 美國工作經驗分享

成功大學 分醫所 生涯講座 紀盈志 (Ying-Chih Chi) Principal Scientist at Pfizer Yingchih.Chi@gmail.com 12. 05. 2022

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計劃趕不上變化 船橋頭自然直?

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About Me - My career path







NCKU – Institute of Molecular Medicine



Academia Sinica – Transgenic core facility



University of Colorado Anschutz Campus



About Me - My career path

- · Parkinson's Disease:
 - University of Colorado Anschutz Medical Campus, CO Ph.D. student in Biochemistry and Molecular Genetics Residue His50 plays a key role in protecting αSynuclein from aggregation at physiological pH
- Pneumonia Infection:

Understanding the catalytic mechanism of *Streptococcus pneumonia* IgA1 protease and the development of the neutralizing antibody

- Mammalian Histone deposition:
 - University of Colorado Anschutz Medical Campus, CO Postdoctoral fellow
 Understanding the molecular interactions among mammalian CAF-1, DNA and histones

About Me - My career path





Columbia University, NY

- Management of Cryo-EM facility:
 - Columbia University, NY

Associate research scientist / Assistant director

Managing all aspects of Cryo-EM facility to perform day to day functions and participate in collaboration projects

About Me Career path



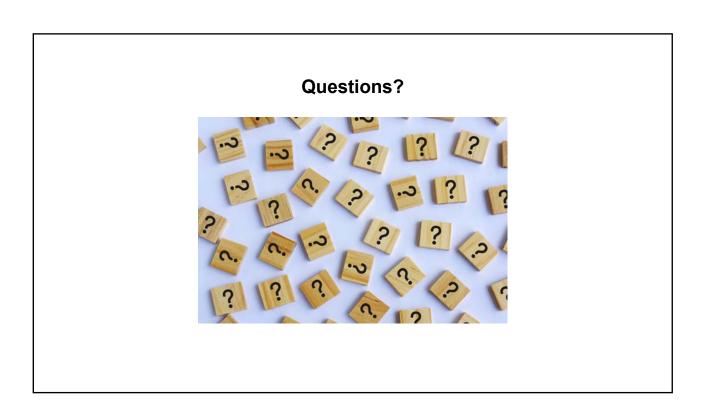


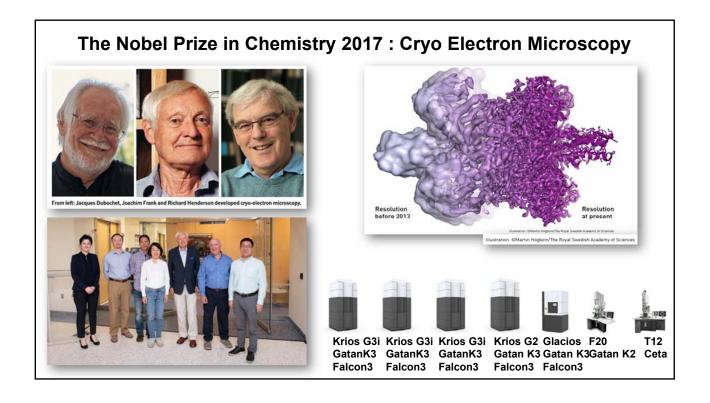
Pfizer, MO

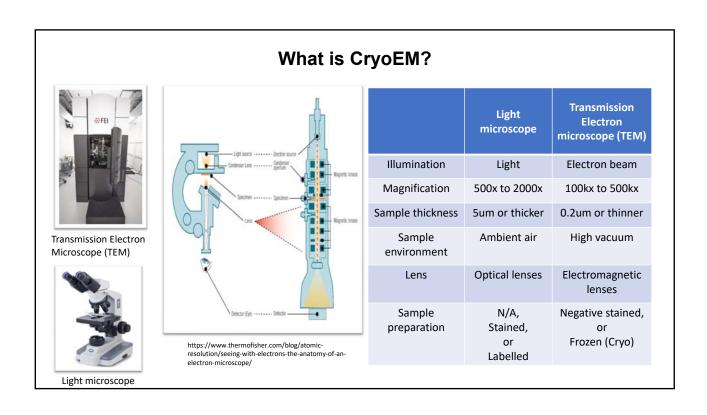
- · Research scientist in biopharma company
 - MO

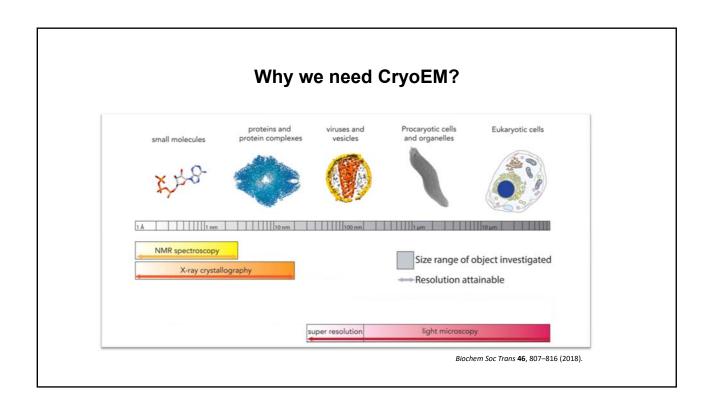
Principal Scientist

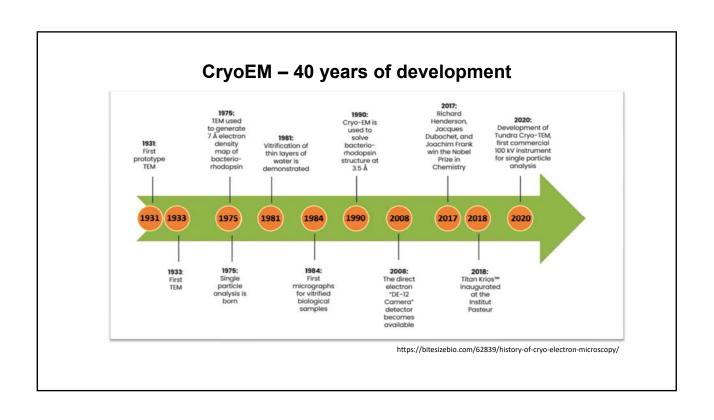
Managing Cryo-EM instruments and participle in drug development activities

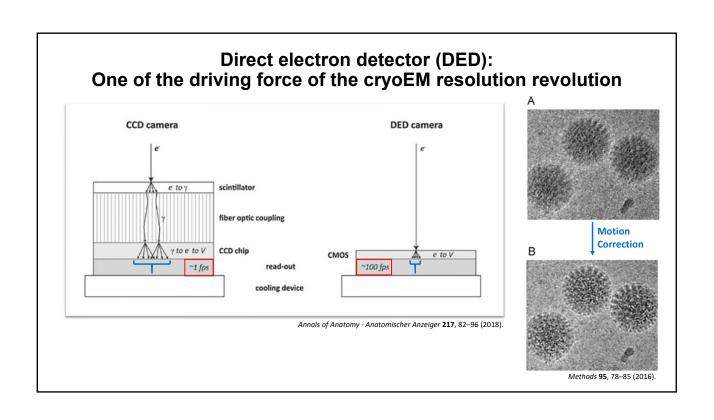


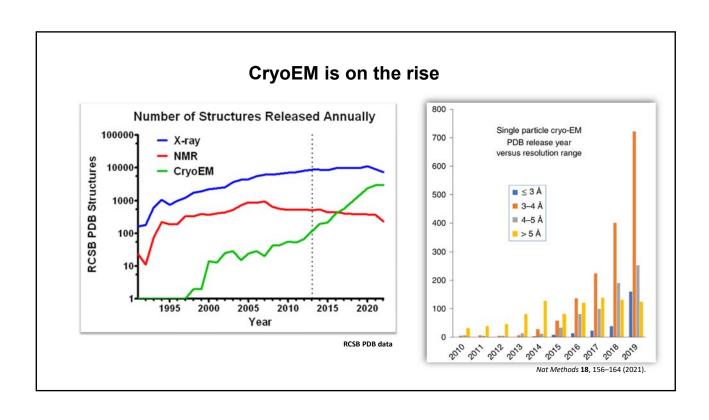


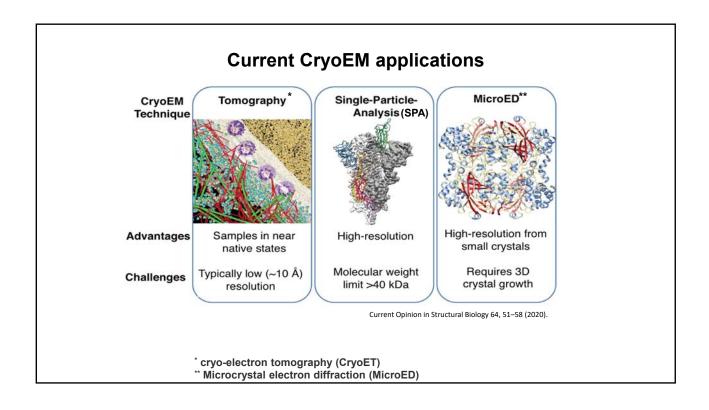




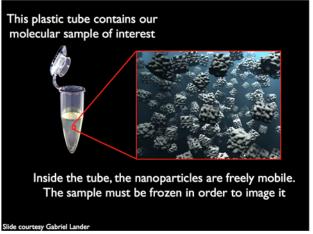






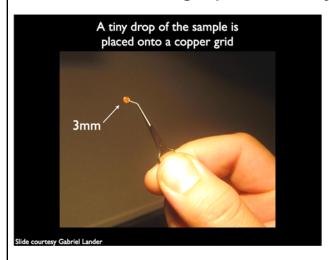


Single-particle analysis (SPA) workflow



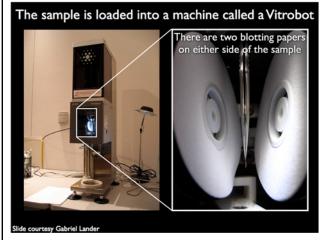
https://www.lander-lab.com

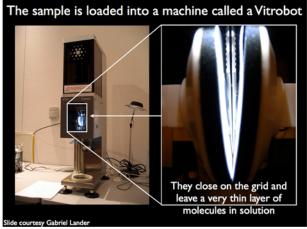
Single-particle analysis (SPA) workflow



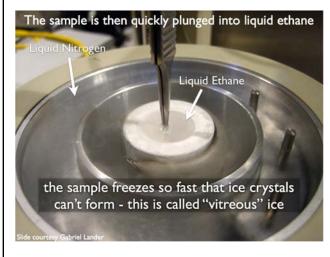


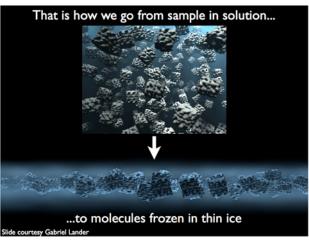
Single-particle analysis (SPA) workflow



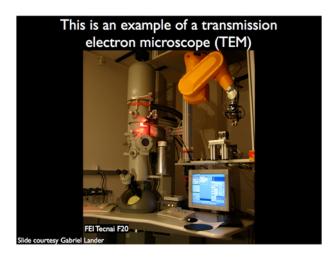


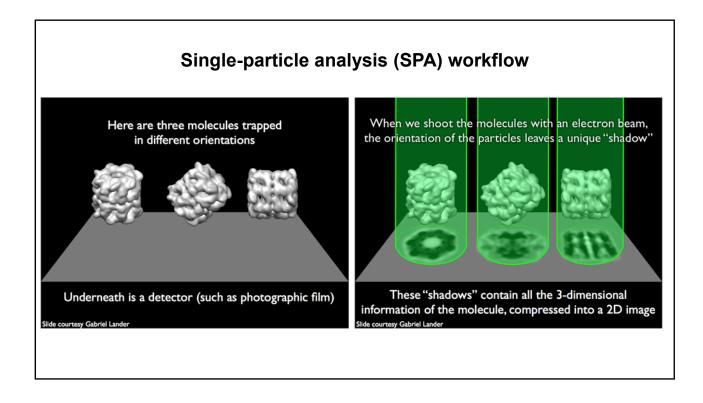
Single-particle analysis (SPA) workflow

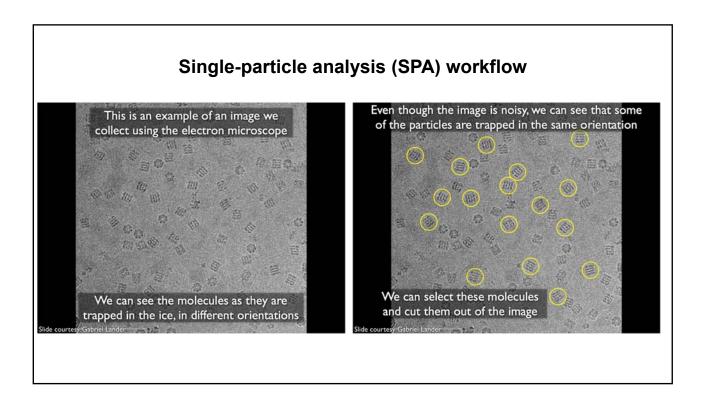


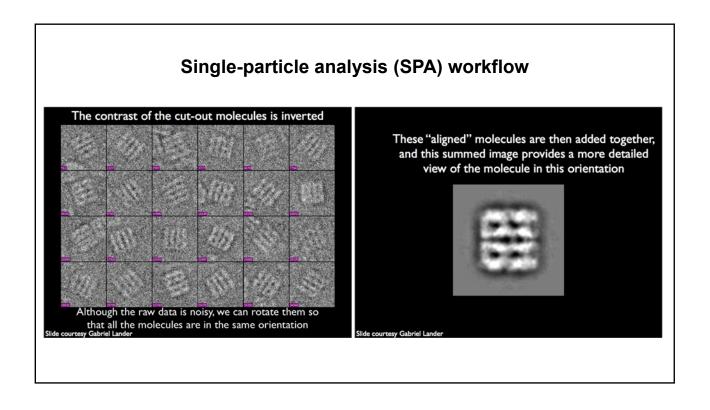


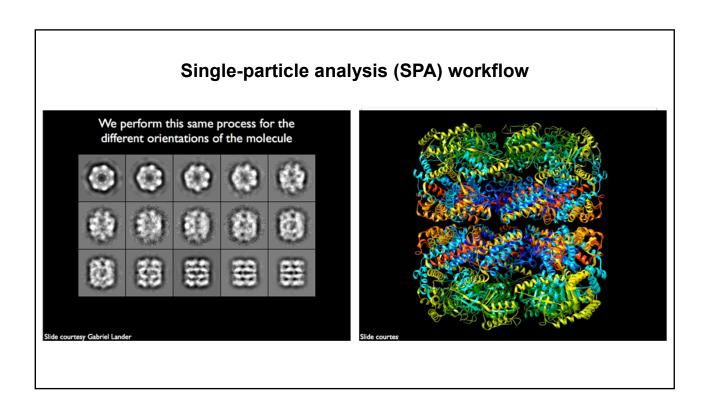
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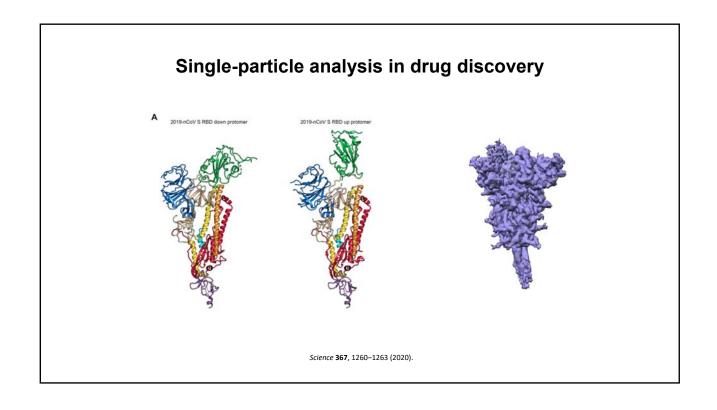


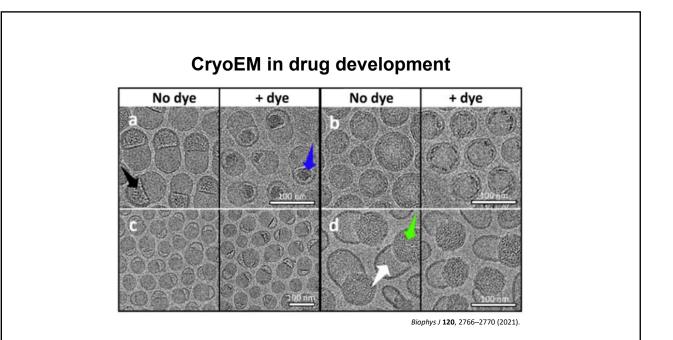




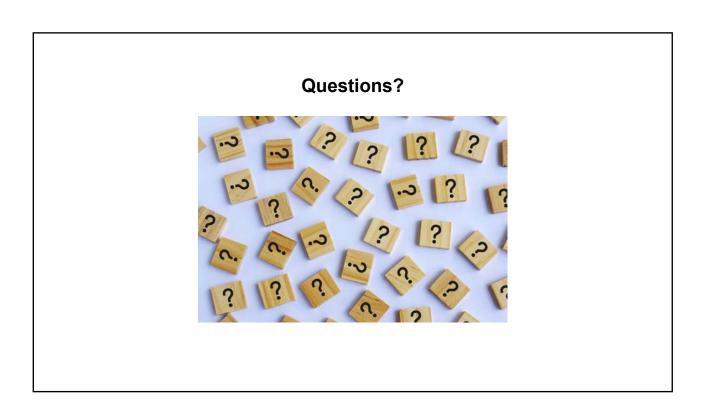


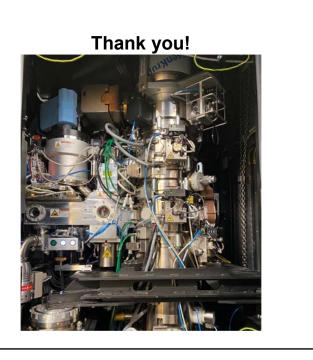












Resource

The Jensen lab:

https://jensenlab.caltech.edu/courses/

Thermo Fisher:

3DEM mailing list: http://3dem.ucsd.edu/mailinglist.shtm

CryoEM 101:

https://cryoem101.org

CryoEM learning center

CCPEM mailing list: https://www.jiscmail.ac.uk/cgi-bin/webadmin?A0=CCPEM

EM University:

https://em-learning.com

https://twitter.com/VictorChangInst/status/1141128882797473793