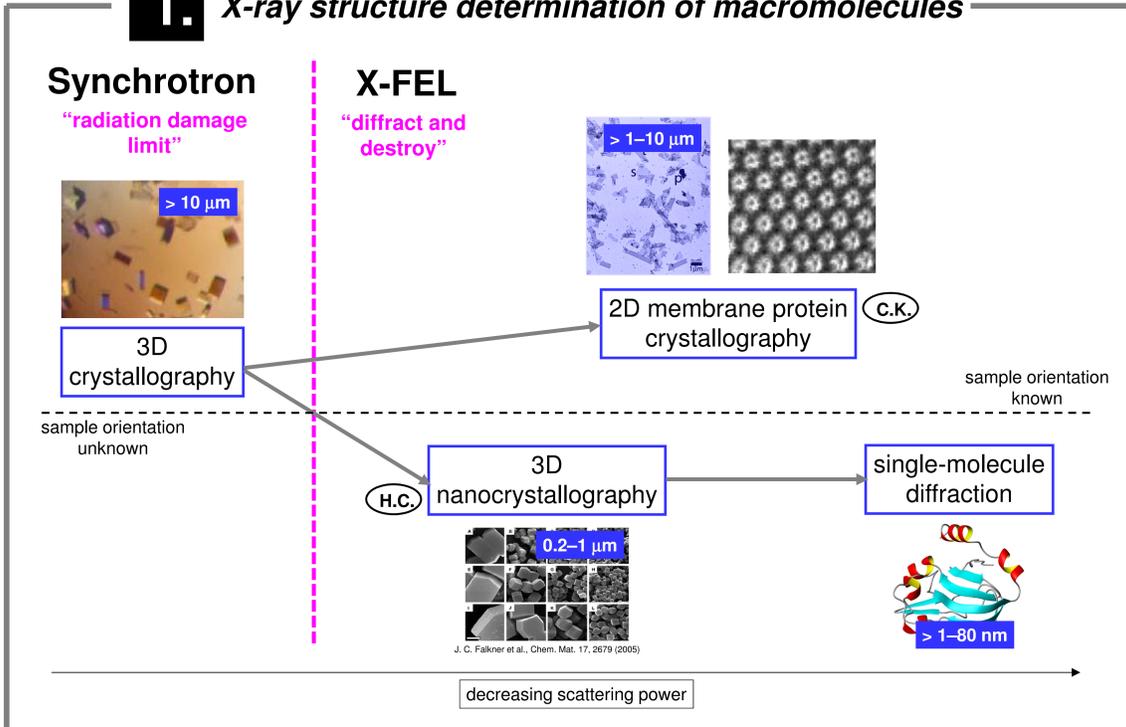
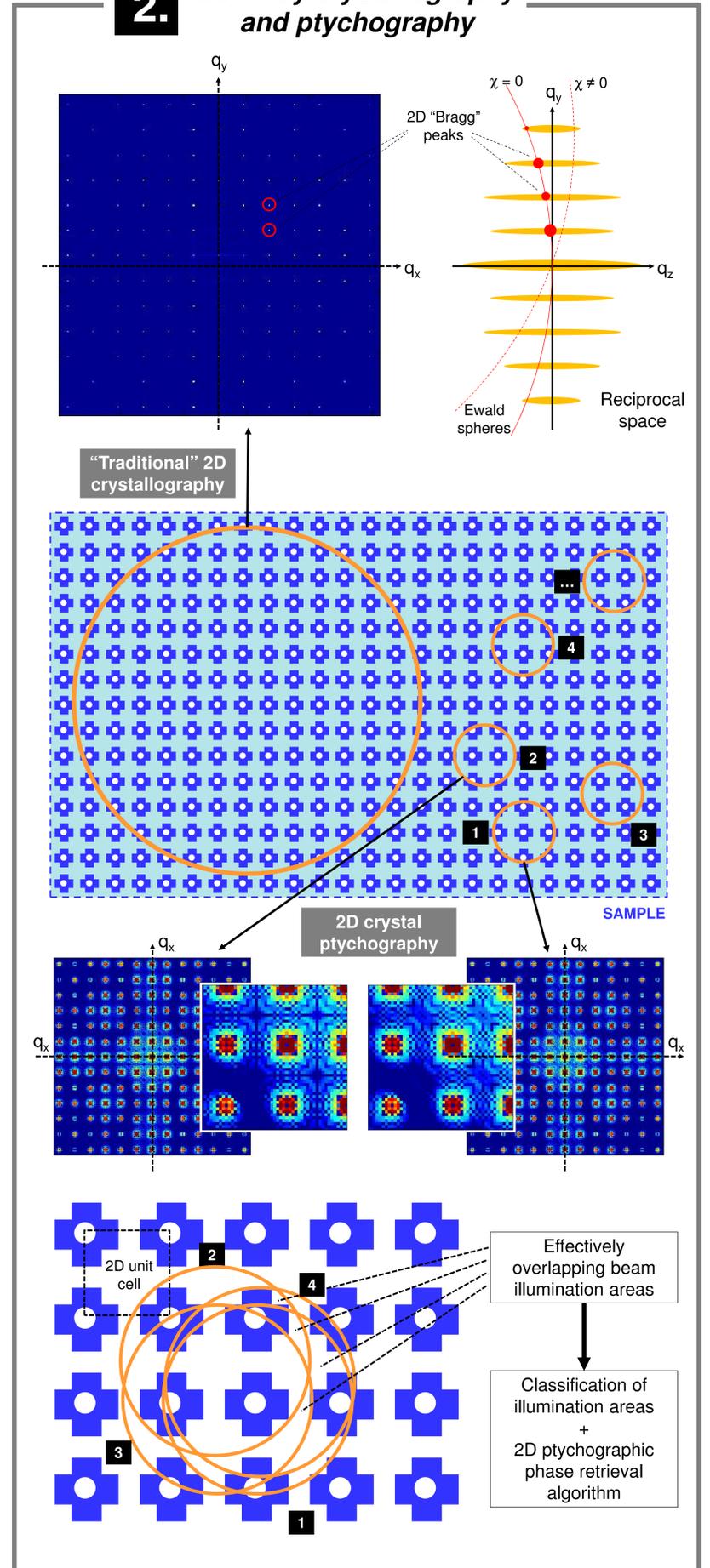


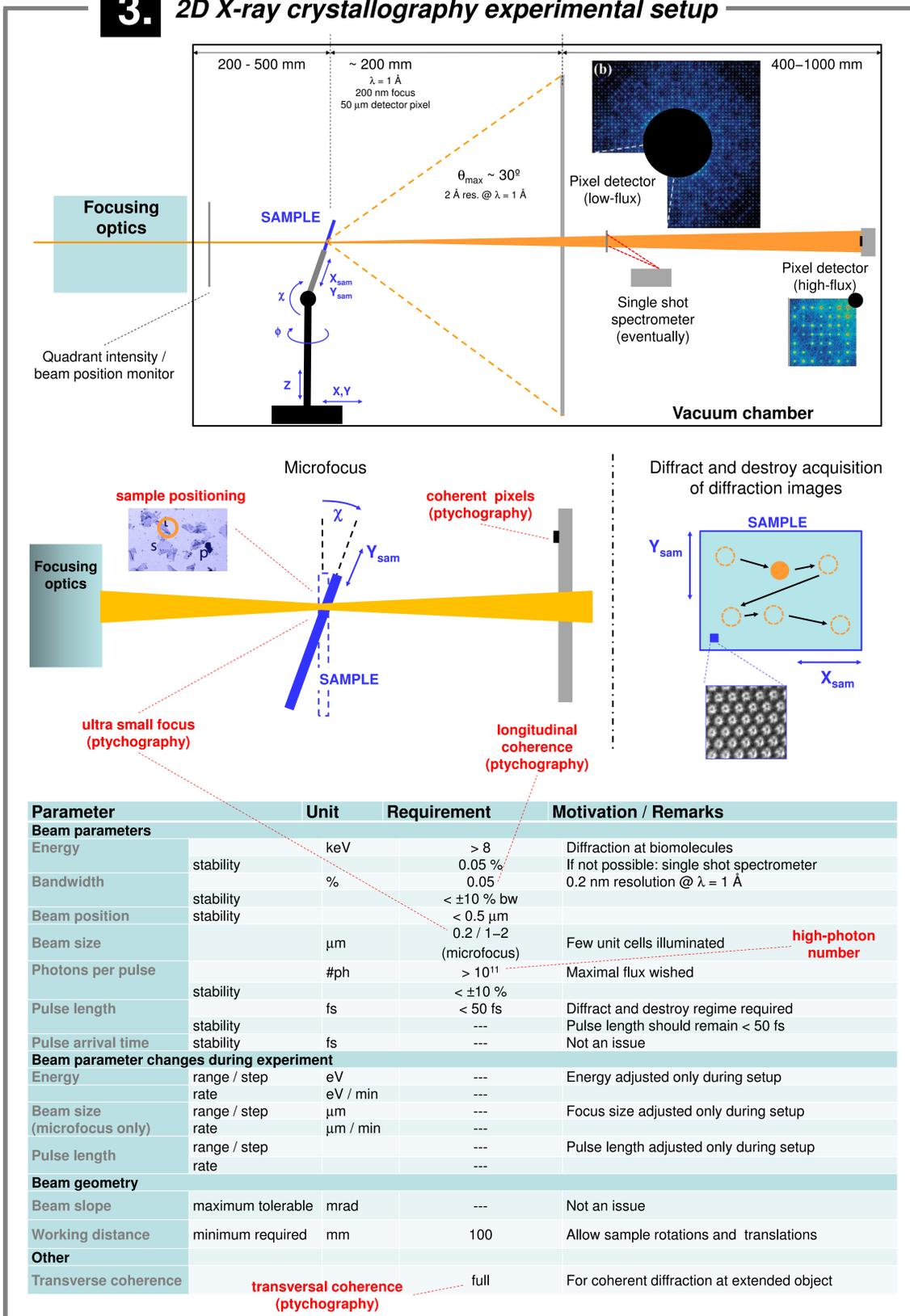
## 1. X-ray structure determination of macromolecules



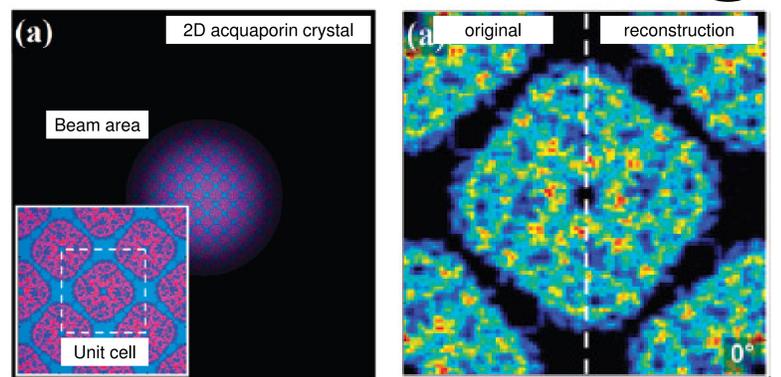
## 2. 2D X-ray crystallography and ptychography



## 3. 2D X-ray crystallography experimental setup



### Ptychographic reconstruction of aquaporin (simulated data) (C.K.)



### References

- (H.C.) H. N. Chapman et al., *Nature* **470**, 73-78 (2011)
- (C.K.) C. M. Kewish et al., *New J. of Phys.* **12**, 035005 (2010)