

Protein Interactions and Stability in Biotherapeutics

Emily Sakamoto-Rablah¹, Jordan Bye², Arghya Modak², Andy Hooker²,
Shahid Uddin², Jennifer J. McManus¹

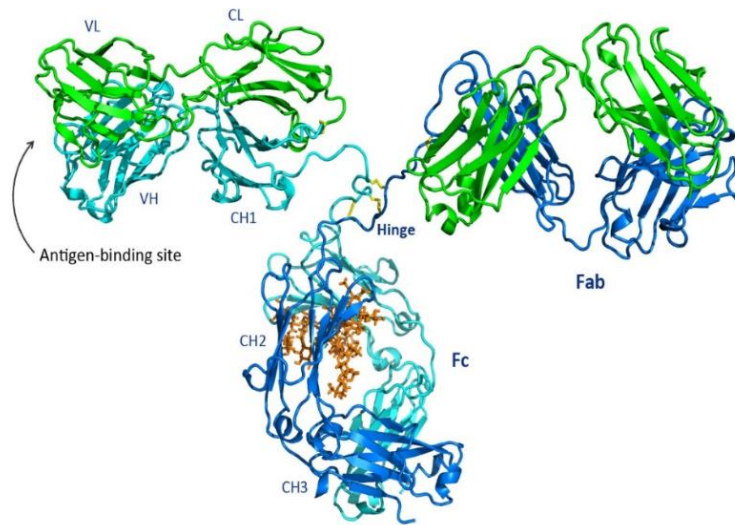
¹ HH Wills Physics Laboratory, School of Physics, University of Bristol, Tyndall Avenue, Bristol, BS8 1TL

² Immunocore Limited, 92 Park Dr, Milton, Abingdon OX14 4RY

Formulating Biotherapeutics

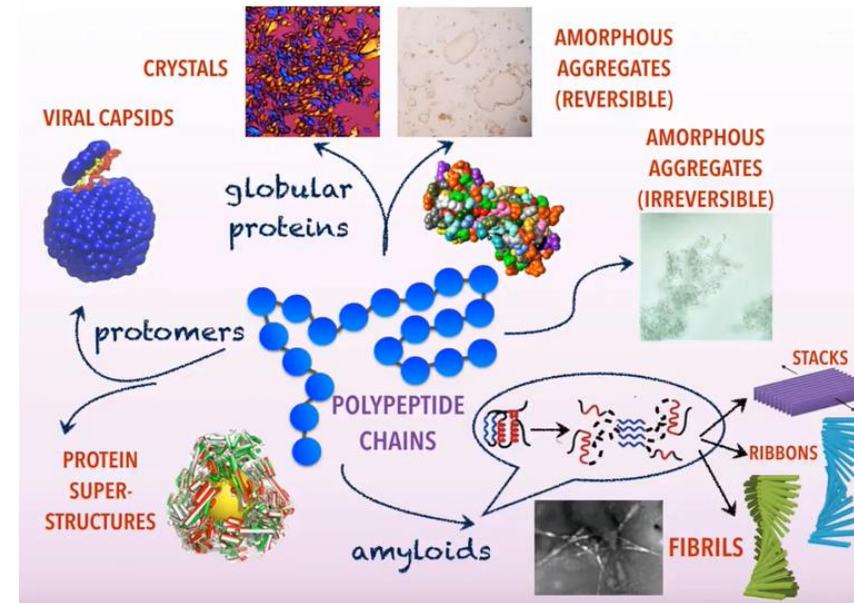
Protein Stability

Resistance to unfolding



M. L. Chiu, et. al, *Antibodies* **8**, 4 (2019).

Resistance to self-assembly



J. J. McManus, et.al, *Current Opinion in Colloid & Interface Science* **22**, 73 (2016).

TCR-like proteins

Surface anisotropy and self association

