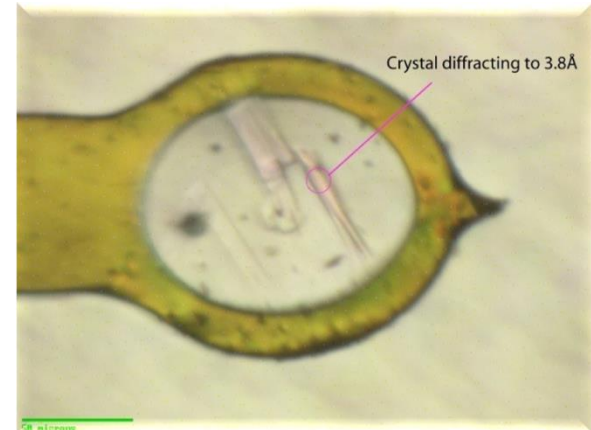


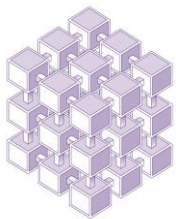
# Cryocrystallography

For the most challenging systems, such as structural studies of G-protein coupled receptors, access to highly intense micro-focus X-ray diffraction beamlines at synchrotron radiation sources has been invaluable. These unique facilities enable diffraction from very small crystals, crystals that cannot be identified optically and the best diffracting domains of larger crystals, to be recorded and processed.



Crystals of the human  $\beta_2$  adrenergic G-protein-coupled receptor mounted at ID13 of the ESRF in a LithoLoop™.

Rasmussen *et al.*, *Nature* 2007; Warne *et al.*, *Nature* 2008



Molecular  
Dimensions

*Intelligent solutions  
for protein crystallography*