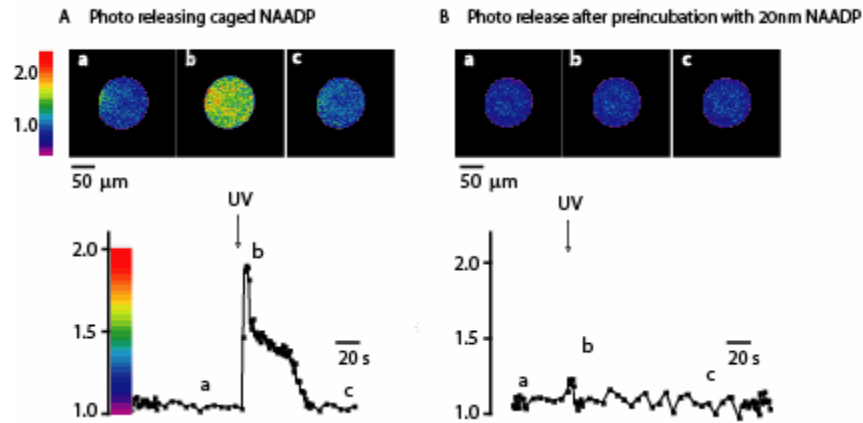


Enzymatic Synthesis and Biological use of Photolabile Nicotinic acid adenine dinucleotide phosphate (NAADP)

Raman Parkesh*, Sridhar Vasudhavan, Alex Berry, Anthony Galione, Grant Churchill*

raman.parkesh@pharm.ox.ac.uk; grant.churchill@pharm.ox.ac.uk



Enzymatic route was used to synthesise novel photolabile NAADP. This route will be useful for synthesizing various two-photon caged NAADP. The biological application of this compound was tested in intact sea-urchin eggs.
