

CASE STUDY – Prof. Miratul Muqit

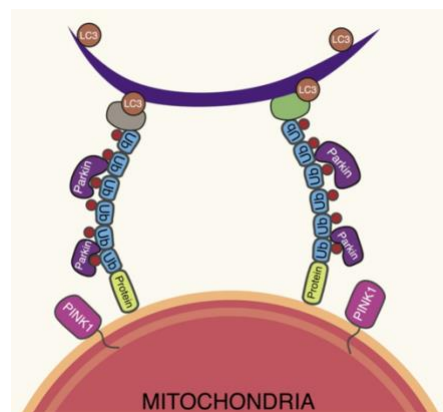
Parkinson's disease: decoding the mysteries of neurodegeneration



We recently produced some animations for Prof. Miratul Muqit from the MRC Protein Phosphorylation and Ubiquitylation Unit at The University of Dundee. Prof. Muqit approached us when he heard he had been awarded the **2018 Francis Crick Medal and Lecture** in recognition of his research on cell signalling linked to neurodegeneration in Parkinson's disease. The lecture was presented at **The Royal Society** in London on January 17th, 2019 and was live streamed. The lecture can be viewed [here](#).

Prof. Miratul Muqit - University of Dundee

As the lecture is aimed at the general public, Prof. Muqit wanted some animations to help explain certain points to the audience. He had crystallised his ideas for these, visualising in his mind how he wanted to explain certain concepts. This made our job much easier. From the feedback he has received so far, the animations did help him to connect with the audience.



Still of PINK1 signalling from animation

In his talk, Prof. Miratul Muqit described how genetic and biochemical discoveries are transforming our understanding of the biological basis of Parkinson's. Prof. Muqit discussed the potential application of this fundamental knowledge towards therapeutic strategies against Parkinson's. A huge **congratulations** to Prof. Muqit for his wonderful lecture and successful research!

Thanks to Dan Thompson, our chief animator on this project. If you have any projects you think would benefit from graphics or animations please get in touch mhairi@vivomotion.co.uk. See our other work at www.vivomotion.co.uk