

Cryo-EM and Integrative Structural Biology at AstraZeneca

Taiana Maia de Oliveira, *AstraZeneca, Cambridge, UK*

Abstract

Cryo-EM is rapidly gaining traction as an aid to medicinal chemistry within pharmaceutical companies, but it has also been extensively used for enlightening the molecular mode of action of important drug targets that eluded x-ray crystallography for years. In this talk, I will elaborate on the experience we have at AstraZeneca and on how the developments in the EM and Integrative Structural Biology field allowed us to understand the activation of prominent oncology targets.