

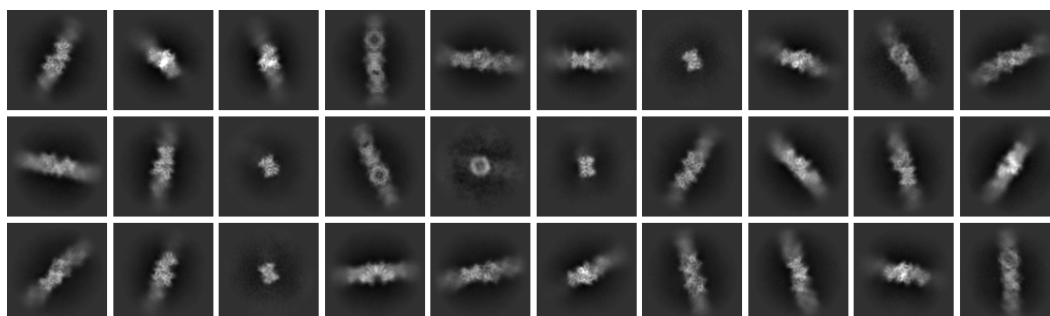


	Experiment title: CryoEM-BAG France: Structural Biology using Cryo-EM in France.	Experiment number: MX-2261
Beamline: CM01	Date of experiment: from: 25/06/2021 to: 27/06/2021	Date of report: <i>Received at ESRF:</i>
Shifts: 6	Local contact(s): Michael Hons	
Names and affiliations of applicants (* indicates experimentalists): Dr. Petya Violinova Krasteva (CBMN UMR 5248, IECB, Université de Bordeaux, ‘Structural Biology of Biofilms’ group, 2 Rue Robert Escarpit, Pessac 33600, FRANCE)		

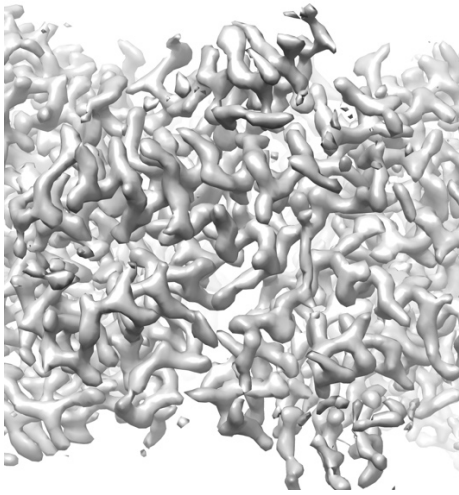
Report:

This shift was initially scheduled for the June 14th and was shifted due to the installation and bench-marking of the new K3 DED. The data collection went very well, with more than 10-11k movies collected. Of these 9163 were processed in Cryosparc V3, yielding 2.6A-resolution structure that will be published in a larger study*. Representative 2D class averages (a), a 3D structural detail (b) and FSC curve of the final refinement (c) are shown below:

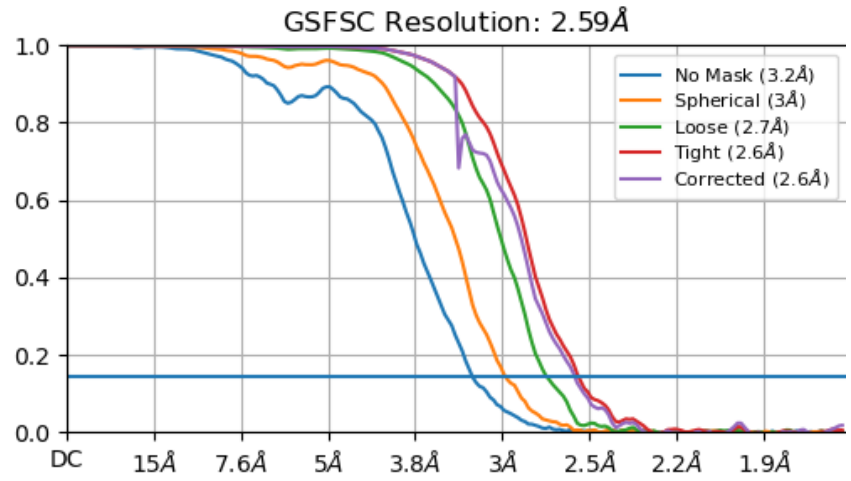
(a)



(b)



(c)



Reference:

Abidi, W.*, Decossas-Mendoza, M.*, Torres-Sanchez, L.*, Puygrenier L., Letoffe, S., Ghigo, J.M. and Krasteva, P.V. (*in preparation*).