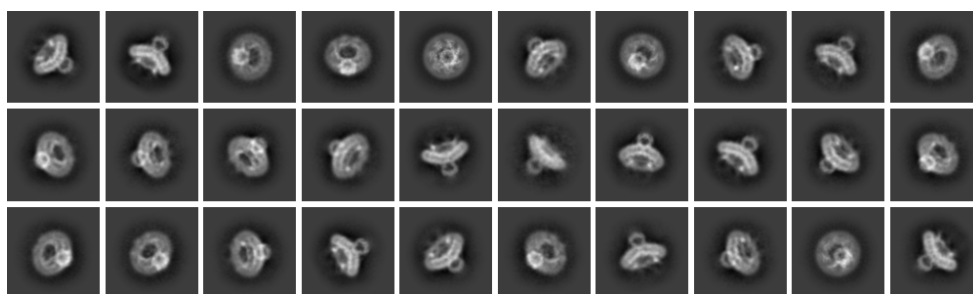


	<b>Experiment title:</b> CryoEM-BAG France: Structural Biology using Cryo-EM in France.	<b>Experiment number:</b> MX-2367
<b>Beamline:</b> CM01	<b>Date of experiment:</b> from: 06/12/2021 to: 08/12/2021	<b>Date of report:</b>
<b>Shifts:</b> 6	<b>Local contact(s):</b> Alessandro Grinzato	<i>Received at ESRF:</i>
<b>Names and affiliations of applicants (* indicates experimentalists):</b> Dr. Petya Violinova Krasteva (CBMN UMR 5248, IECB, Université de Bordeaux, ‘Structural Biology of Biofilms’ group, 2 Rue Robert Escarpit, Pessac 33600, FRANCE)		

**Report:**

The data collection went well with about 11k movies collected. These were processed in Cryosparc V3, unfortunately the sample showed significant degree of oxidation and denaturation of the transmembrane regions of the protein, as well as preferential orientation of the remaining cytosolic domains of the protein. 2D class-averages on data collected previously on a Talos Arctica (ELSA, IECB) (a) and the CM01 during the session (b) are shown below:

(a)



(b)

