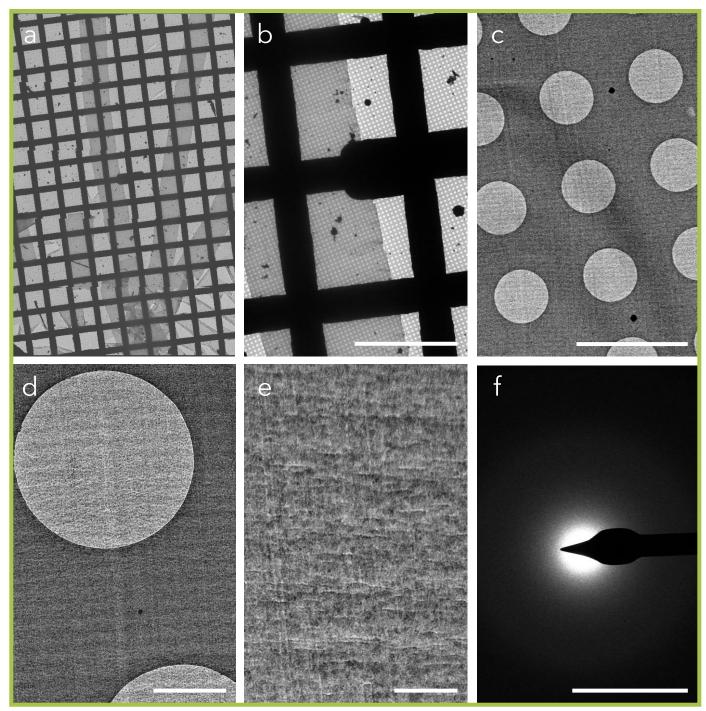
## HPF: Live µ<sup>®</sup>

## -Hydrogel



## **CEMOVIS** imaging of Hydrogel.

Hydrogels were thinned down to pieces of 2m in diameter and 100 $\mu$ m thickness. Loaded into 100 $\mu$ m deep 3mm A carrier and high pressure frozen using the HPM Live  $\mu$ . CEMOVIS sections were collected on a UC6 and attached to the holey carbon girds using a crion. Section ribbons were imaged on a Tecnai G2 at 200kV. Ingreasing maginification images were taken until diffraction analysis to asses proper amorphous ice of the hydrogels.

CRYO CAP CELL

Scale bar = 100  $\mu$ m (b), 5  $\mu$ m (c, f), 1  $\mu$ m (d), 0.2  $\mu$ m (e).