

Regular Article

Tubules, beads, discs and junctions – Morphologies and dynamics of dispersed multilamellar lipid phases in excess water[☆]

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H I G H L I G H T S

- Nucleation of the multilamellar tubes from the defects.
- Membrane tubules grow in the absence of proteins, polymers or solute and leaflet asymmetry.
- Kinetics of hydration control the dynamics of MLTs.
- The tubular structures disintegrate into the bulk water phase inside the sealed sample cells.

G R A P H I C A L A B S T R A C T

