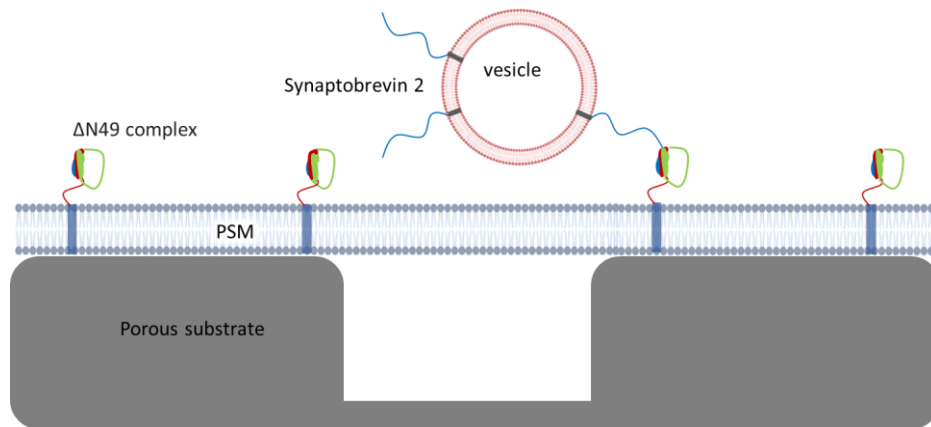


Reconstitution of Mineral Morphogenesis in Membrane-enclosed compartments



➤ reconstitution of SNARE proteins in lipid membranes applied to surfaces

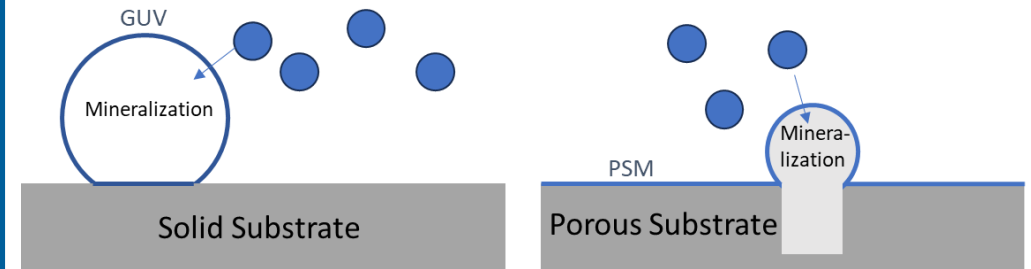
- GUVs
- PSMs



Methods:

- Lipid and protein biochemistry
- Fluorescence spectroscopy / microscopy

➤ SNARE mediated fusion of mineral-filled vesicles with membrane-enclosed compartments



➤ Mineralization of CaCO_3 in membrane-enclosed compartments

