

Mesosomes

Mesosomes are invaginations on the plasma membrane into the cytoplasm. They contain vesicles, tumblers or lamellar whorls. Usually they are seen associated with the nucleoid area. Lamellar whorls are seen in *Nitrosomonas*, *Nitrococcus* etc and vesicles are seen in *Chromatium* and *Rhodospirillum rubrum*.

The exact function of mesosomes are not known. They are supposed to be artifacts, generated during the staining procedure for electron microscopy. It is also a site for the synthesis of wall materials.

dmohankumar.wordpress.com