

Genus *Candidatus Clavichlamydia*

Etymology

[Cla.vi.chla.my'di.a] L. n. *clava*, a knotty branch, rough stick, cudgel, club; N.L. fem. n. *Chlamydia*, taxonomic name of a bacterial genus; N.L. fem. n. *Clavichlamydia*, a club Chlamydia (the morphology of the bacteria includes the characteristic head-and-tail cells that have been described earlier from salmonid fish suffering from epitheliocystis)

Nomenclatural type

Unknown

Description

Horn (2015): Pleomorphic or elongated, nonmotile, obligate intracellular bacteria, up to 2 µm in length. Cells show a developmental cycle with morphologically distinct stages and thrive inside a host vacuole. Organisms were found within gill lesions of fish and are differentiated from all other chlamydiae by the morphology of the proposed elementary bodies, which show a characteristic head-and-tail form. Members have not yet been obtained in cell culture.

Type species: "*Candidatus Clavichlamydia salmonicola*" corrig. Karlsen, Nylund, Watanabe, Helvik, Nylund and Plarre 2008.

Classification

Bacteria » *Chlamydiota* » *Chlamydia* » *Chlamydiales* » *Candidatus Clavichlamydiaceae* » *Candidatus Clavichlamydia*

References

Effective publication: Karlsen et al., 2007 [1]
Corrigendum: Horn, 2015 [2] (from "*Candidatus Clavochlamydia*")
Emendavit: Horn, 2015 [2]

Registry URL

<https://seqco.de/i:446>

References

1. Karlsen et al. (2007). Characterization of ?*Candidatus Clavochlamydia salmonicola*?: an intracellular bacterium infecting salmonid fish. *Environmental Microbiology*. DOI:10.1111/j.1462-2920.2007.01445.x
2. Horn (2015). "*Candidatus Clavichlamydia*". *Bergey's Manual of Systematics of Archaea and Bacteria*. DOI:10.1002/9781118960608.gbm00362