

Species *Spirobacillus cienkowskii*^{Ts}

Etymology

[ci.en.kow.ski'i] **N.L. gen. n.** *cienkowskii*, In memory of L. S. Cienkowsky for his contributions to the theory of pleomorphism.

Nomenclatural type

[NCBI Assembly: GCA_037081835.1](#)^{Ts}

Description

Spirobacillus cienkowskii, described initially by Elya Metchnikoff (1889), *cienkowskii* in memory of L. S. Cienkowsky. Proteobacteria of the order *Silvanigrellales*. Morphologically distinct as a tightly coiled bacterium (3.50 µm in length by 1.07 µm in width), production of a pink carotenoid. Infects the hemolymph of multiple species of *Daphnia*. Basis of assignment: 16S rRNA gene sequence GenBank accession number EU220836, oligonucleotide sequence S-*Smet-1459-a-A-18 complementary to unique region of the 16S rRNA gene. Yet to be cultivated.

Classification

Bacteria » *Bdellovibrionota* » *Oligoflexia* » *Silvanigrellales* » *Silvanigrellaceae* » *Spirobacillus* » *Spirobacillus cienkowskii*^{Ts}

References

Effective publication: Angst et al., 2025 [1]
Original (not valid) publication: Bresciani et al., 2018 [2]

Registry URL

<https://seqco.de/i:43962>

References

1. Angst et al. (2025). Genomic analysis of the zooplankton-associated pathogenic bacterium *Spirobacillus cienkowskii* reveals its functional and metabolic capacities. *Microbial Genomics*. DOI:10.1099/mgen.0.001463
2. Bresciani et al. (2018). Draft Genome Sequence of “*Candidatus Spirobacillus cienkowskii*,” a Pathogen of Freshwater *Daphnia* Species, Reconstructed from Hemolymph Metagenomic Reads. *Microbiology Resource Announcements*. DOI:10.1128/mra.01175-18