

Genus *Neosphaerochaeta*

Etymology

[Ne.o.sphae.ro.chae'ta] **Gr. masc. adj.** *neos*, new; **N.L. fem. n.** *Sphaerochaeta*, a bacterial genus; **N.L. fem. n.** *Neosphaerochaeta*, a new genus related to *Sphaerochaeta*

Nomenclatural type

Species *Neosphaerochaeta fermentans*^{T5}

Description

The nomenclatural type of this genus was derived from anoxic incubations of cow rumen fluid with sulfoquinovose.

Classification

Bacteria » *Spirochaetota* » *Spirochaetia* » *Spirochaetales* » *Sphaerochaetaceae* » *Neosphaerochaeta*

References

Effective publication: Krasenbrink et al., 2026 [1]

Registry URL

<https://seqco.de/i:54964>

References

1. Krasenbrink et al. (2026). Sulfoquinovose degradation by cow rumen microbiota. *The ISME Journal*. [DOI:10.1093/ismejo/wrag069](https://doi.org/10.1093/ismejo/wrag069)