Opinion

Strain NBRC (formerly IFO) 3782 is the type strain of *Streptomyces rameus* Shibata 1959. Opinion 76

Judicial Commission of the International Committee on Systematics of Prokaryotes

Correspondence

Hans G. Trüper
trueper@uni-bonn.de

The Judicial Commission of the International Committee for Systematics of Prokaryotes decided that strain NBRC (formerly IFO) 3782 (=No. 43797), which was the originally designated type strain, has to replace ATCC 21273 as the type strain of *Streptomyces rameus*. ATCC 21273 was given as the type strain in the Approved Lists 1980.

Streptomyces rameus was described by Shibata (1959), and the streptomycin-producing strain No. 43797 (later deposited as IFO 3782) was designated the type strain of the species in *Bergey's Manual of Determinative Bacteriology* by Pridham & Tresner (1974). In the Approved Lists of Bacterial Names (Skerman *et al.*, 1980), however, strain ATCC 21273 was listed as the type strain. This strain was a patent strain producing an antiviral substance and had been isolated and described as *Streptomyces rameus* by Harada *et al.* (1975).

A thorough comparison of the two strains showed a DNA–DNA relatedness of only 30% and thus indicated that they are different species. Hatano (1999) published a Request for an Opinion to reinstate the original type strain IFO 3782 (= No. 43797) and replace strain ATCC 21273. Strain NBRC (formerly IFO) 3782 is also deposited in the ATCC (ATCC 700861) and in the JCM

(JCM 11574). The Judicial Commission supported this Request.

References

- Harada, Y., Kumabe, K., Sato, Y., Kato, F. & Tanimoto, M. (1975). Process of producing an anti-virus substance for plant. US Patent 3868450, 25 February 1975.
- Hatano, K. (1999). Replacement of ATCC 21273, the current type strain of *Streptomyces rameus* Shibata 1959, with IFO 3782: Request for an Opinion. *Int J Syst Bacteriol* **49**, 931–932.
- Pridham, T. G. & Tresner, H. D. (1974). Genus I. *Streptomyces* Waksman and Henrici 1943. 339. In *Bergey's Manual of Determinative Bacteriology*, 8th edn, pp. 748–829. Edited by R.E. Buchanan & N.E. Gibbons. Baltimore: Williams & Wilkins.
- Shibata, M. (1959). On a new streptomycin-producing species. *Streptomyces rameus* n. sp. *J Antibiot (Tokyo) Ser B* **12**, 398–400.
- Skerman, V. B. D., McGowan, V. & Sneath, P. H. A. (1980). Approved lists of bacterial names. *Int J Syst Bacteriol* **30**, 225–420.