Proposal to list ATCC 43642 as the type strain of \textit{Leptospira interrogans} in the Approved Lists of Bacterial Names. Request for an Opinion

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ATCC 23581$^\mathrm{T}$ has been cited as the type strain of \textit{Leptospira interrogans} since 1980. In 1986, the Centers for Disease Control informed the ATCC that this strain was \textit{Leptospira interrogans} serovar \textit{budapest}, not serovar \textit{icterohaemorrhagiae} as deposited originally. An authentic culture of the \textit{Leptospira interrogans} serovar \textit{icterohaemorrhagiae} RGA$^\mathrm{T}$ strain was then submitted and assigned ATCC 43642, which was designated as the type strain of \textit{Leptospira interrogans} in an article by Yasuda et al. \cite{Yasuda1987}. In this Request for an Opinion to the Judicial Commission, it is proposed that a correction be made in the Approved Lists of Bacterial Names to acknowledge ATCC 43642 as the type strain of \textit{Leptospira interrogans}.

In the 1980 Approved Lists of Bacterial Names and the 1989 amended edition of the Approved Lists of Bacterial Names, ATCC 23581$^\mathrm{T}$ was listed as the type strain of \textit{Leptospira interrogans} (Skerman et al., 1980, 1989). The same ATCC number was cited as the type strain in the amended description of \textit{Leptospira interrogans} by Faine and Stallman and in the first edition of Bergey’s Manual of Systematic Bacteriology (Faine & Stallman, 1982; Johnson & Faine, 1984). In 1986, the ATCC was informed by the Centers for Disease Control that ATCC 23581$^\mathrm{T}$ was \textit{Leptospira interrogans} serovar \textit{budapest}, not serovar \textit{icterohaemorrhagiae} as deposited originally. As a result, an authentic culture of the \textit{Leptospira interrogans} serovar \textit{icterohaemorrhagiae} RGA$^\mathrm{T}$ strain was submitted and assigned ATCC 43642. This strain was designated the type strain of \textit{Leptospira interrogans} in an article by Yasuda et al. \cite{Yasuda1987}.

Therefore, we propose that a correction be made in the Approved Lists of Bacterial Names to acknowledge ATCC 43642 as the type strain of \textit{Leptospira interrogans}, and put forward a Request for an Opinion to the Judicial Commission.

References


