Summary

In a first aspect, there is provided a process for the preparation of L-ornithine, characterized in that the following steps are carried out: a) fermentation of an L-ornithine-excreting bacterium selected from the group consisting of Corynebacterium, Bacillus, Streptomyces, Arthrobacter and the Enterobacteriaceae which overexpresses a polynucleotide coding for a polypeptide which has the activity of an L-ornithine exporter and whose amino acid sequence is identical to the amino acid sequence of SEQ ID No. 2 or whose amino acid sequence can be obtained from SEQ ID NO:2 by a maximum of 25 deletions, insertions, substitutions, or N- respectively C-terminal additions of amino acids overall, in a medium, b) accumulation of said L-ornithine in said medium, wherein a fermentation broth is obtained, and c) wherein the plasmid pEC71ysE, deposited in DSM23239, is excluded for overexpression.