

Structural features and functional importance of metzincin metalloproteinases

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Abstract

Structural features of metzincin metalloendopeptidases, their physiological role in a cell, and their potential use in medicine are discussed in this article. The authors published their own results of investigations of the new extracellular *Bacillus pumilus* metalloendopeptidase that exhibited a unique combination of characteristics of both astacin and adamalysin metzincin families. © 2013 Pleiades Publishing, Ltd.

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Keywords

adamalysins, astacins, *Bacillus pumilus*, metzincins, multidomain structure, zinc-dependent metalloendopeptidases