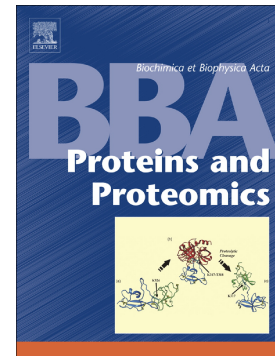


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Title for the issue: D-Amino acids: biology in the mirror?

D-Amino acids in protein: The mirror of life as a molecular index of aging

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Key words: D-amino acid; aging; isoaspartate; cataract; LC-MS/MS; proteomics

Abbreviations: WS, water soluble; WI, water insoluble; PTMs, post-translational modifications; RP-HPLC, reverse-phase high-performance liquid chromatography; MS, mass spectrometry; LC-MS, liquid chromatography; LC-MS/MS, liquid chromatography coupled with tandem mass spectrometry; TOF, time-of-flight; PIMT, L-isoaspartyl methyltransferase; AD, Alzheimer's disease; AMD, age-related macular degeneration.

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