

Differentiation of Cockroach Taxa by Peptide Hormone Mass Fingerprints: *Periplaneta Burmesiter* (Blattidae) and *Lucihormetica Zompro & Fritzsche* (Blaberidae)

Lämmel J, Neupert S, Predel R (2007) Differentiation of Cockroach Taxa by Peptide Hormone Mass Fingerprints: *Periplaneta Burmesiter* (Blattidae) and *Lucihormetica Zompro & Fritzsche* (Blaberidae) *Cockroach Studies* (2), 17-26.

[Details](#)

Abstract

Neuropeptides of the taxa *Periplaneta* (Blattidae) and *Lucihormetica* (Blaberidae) were analysed from single specimens by means of mass spectrometry. The resulting mass spectra revealed a clear differentiation of the respective species by peptide hormone mass fingerprints. This is the first attempt to catalogue neuropeptides of cockroaches for taxonomic purposes.

Beteiligte Forschungseinheiten

[Biotechnikum Miriam Agler-Rosenbaum](#) [Mehr erfahren](#)

Leibniz-HKI-Autor*innen



Jana Funk

[Details](#)