

*“Venom Peptides in Drug Design and as Novel Insecticides”*

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Venom peptides are a unique source of biological diversity at a point of convergent architecture. In this talk we will explore how these robust structures can be used for the transformation of the insect control industry. In the first part an example will be given of how a venom peptide can be used to design small molecule inhibitors of insect ion channels. In the second part, development of the peptide itself as a biological control agent will be described.