

## Recent Advances in Hormones in Insect Pest Control

K.H. Hoffmann and M.W. Lorenz<sup>1</sup>

New approaches to the development of insect control agents have been revealed through the description of natural and synthetic compounds capable of interfering with the processes of development and reproduction of the target insects. The review presents information on novel insecticides that mimic the action of two insect growth and developmental hormone classes, the ecdysteroids and the juvenile hormones. Neuropeptide structures, their biogenesis, action, and metabolism also offer the opportunity to exploit novel control agents.

**KEY WORDS:** Biological control; insect hormones; juvenoids; ecdysteroid agonists; ecdysteroid antagonists; neuropeptides.

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<sup>1</sup>Dept. of Animal Ecology I, University of Bayreuth, 95440 Bayreuth, Germany [Fax: +49-921-552784; e-mail: klaus.hoffmann@uni-bayreuth.de].