Results and Problems
in Cell Differentiation
Volume 8

Biochemical Differentiation in Insect Glands

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This volume summarizes our present knowledge on the genetic and developmental control of secretory protein synthesis in selected Lepidopteran and Dipteran glands. These glands are highly specialized for the sole purpose of producing just one or a few proteins in huge quantities. They usually consist of giant cells with polyploid, or polytene nuclei. They do thus provide unique model systems for the analysis of biochemical cell differentiation.

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Contents

The Salivary Gland of *Chironomus* (Diptera): A Model System for the Study of Cell Differentiation

By U. GROSSBACH. With 30 Figures

Balbiani Ring Pattern and Biochemical Activities in the Salivary Gland of *Acricotopus lucidus* (Chironomidae)

By W. BAUDISCH. With 13 Figures