

# METHODS IN MOLECULAR BIOLOGY

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# **Recombinant Proteins from Plants**

**Methods and Protocols**

**Second Edition**

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## Preface

Recombinant protein production in plants is becoming an increasingly attractive alternative to conventional production platforms due to promising cost and safety benefits.

Up-to-date scientific achievements from the world's top researchers are conveniently arranged in the new addition of *Recombinant Proteins from Plants* as a collection of protocols for use with a variety of plant expression systems. Various aspects of production are covered including vector selection and cloning; product improvements for stability, glycosylation, and antibiotic-free selection; extraction and scale-up; and analysis of transgenic plants and their recombinant proteins.

This new edition of *Recombinant Proteins from Plants* is an ideal reference for those who are interested in plant molecular biology and molecular farming.

*London, ON, Canada*

*Jacqueline MacDonald  
Igor Kolotilin  
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