

THE AUTHORITATIVE GUIDE ON PROTEIN PURIFICATION— NOW COMPLETELY UPDATED AND REVISED

Since the *Second Edition of Protein Purification* was published in 1998, the sequencing of the human genome and other developments in bioscience have dramatically changed the landscape of protein research. This new edition addresses these developments, featuring a wealth of new topics and several chapters rewritten from scratch.

Leading experts in the field cover all major biochemical separation methods for proteins in use today, providing professionals in biochemistry, organic chemistry, and analytical chemistry with quick access to the latest techniques. Entirely new or thoroughly revised content includes:

- High-resolution reversed-phase liquid chromatography
- Electrophoresis in gels
- Conventional isoelectric focusing in gel slabs and capillaries and immobilized pH gradients
- Affinity ligands from chemical and biological combinatorial libraries
- Membrane separations
- Refolding of inclusion body proteins from *E. coli*
- Purification of PEGylated proteins
- High throughput screening techniques in protein purification
- The history of protein chromatography

JAN-CHRISTER JANSON is Professor Emeritus at the Department of Physical and Analytical Chemistry, Uppsala University, Uppsala, Sweden.

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