

Biomembrane Electrochemistry

EDITED BY
Martin Blank and
Igor Vodyanoy

Biomembrane Electrochemistry

This new volume addresses the application of electrochemical techniques to biological membranes and channel processes and explores the physical basis of biological sensory and energy transducing processing through a focus on the electrochemical properties of membrane proteins. Twenty-six chapters are divided into four sections covering:

- interfaces and membranes
- channel structure
- dynamic properties
- signal transduction

The book summarizes the important research accomplishments of a 5-year Membrane Electrochemistry program initiated by the Office of Naval Research. It also identifies the critical problems that require further research.

Martin Blank and Igor Vodyanoy,
Editors

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