

## Biomembrane Electrochemistry

EDITED BY  
MARTIN BLANK AND  
IGOR VODYANYO

## 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 Vodyanyo,  
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