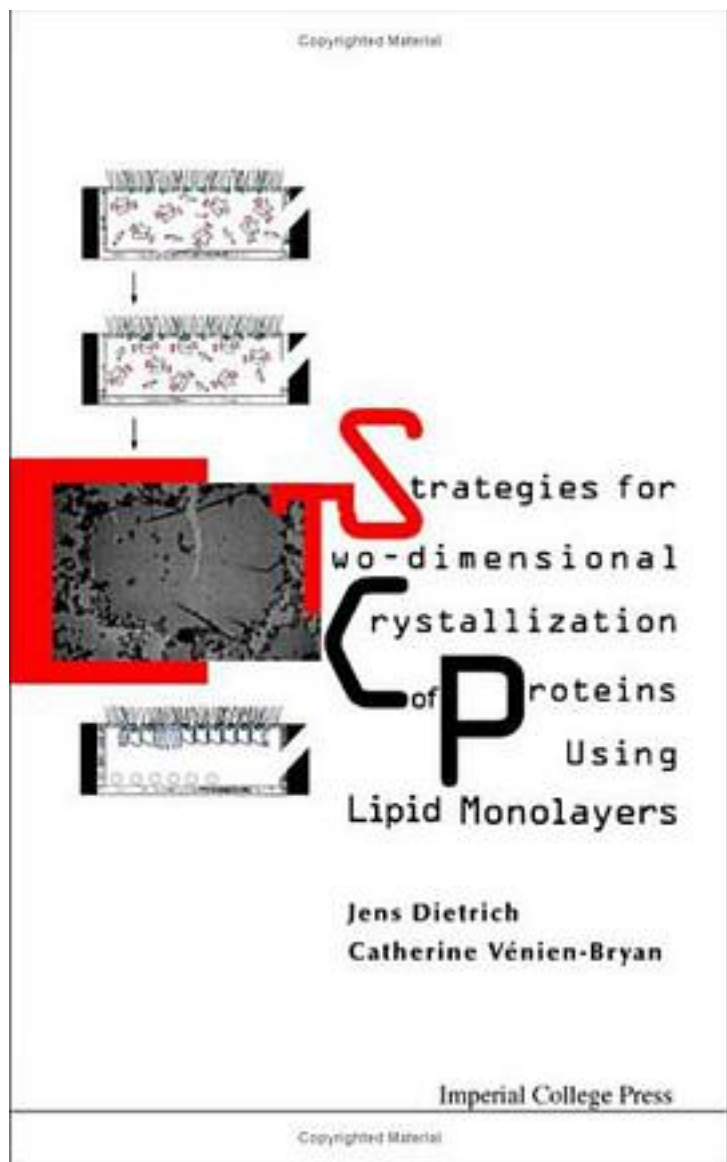


# Strategies For Two-Dimensional Crystallization Of Proteins Using Lipid Monolayers



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Strategies for Two-Dimensional Crystallization of Proteins Using Lipid Monolayers presents an overview of different methods that lead to structure determination by electron microscopy. These methods have proven to be extremely successful, especially for elucidating the structure of membrane proteins. Electron crystallography has become an important tool for structure determination of such proteins. This book covers the different practical approaches to two-dimensional crystallization of soluble as well as membrane proteins. From there it takes the reader to equally important issues, such as sample transfer and sample preparation for electron microscopy. In addition, the text provides an introduction to membrane protein structural biology and cryo-electron crystallography, as well as an in-depth discussion on two-dimensional crystallization and surface crystallization.

作者介绍:

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