

PREFACE

Volume 11 is a continuation of the previous concept where the subjects of the chapters cover a broad range of topics, from theoretical to experimental studies devoted to different lipid micro and nanostructures, including liposomes. Due to the extremely fast development of physics and chemistry of lipid structures, the contents of the *Advances in Planar Lipid Bilayers and Liposomes* are no longer limited to planar lipid bilayers and liposomes. Accordingly, this volume also includes chapters that describe interesting but diverse subjects such as molecular interpretation of lipid droplet biogenesis, electroporation of planar lipid bilayers, formation of stable and reproducible bilayer lipid membranes based on silicon microfabrication techniques, electrostatics of charged planar lipid bilayers, X-ray and neutron scattering studies of lipid-sterol lipid membranes, and molecular modeling of lipid bilayers.

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Editor