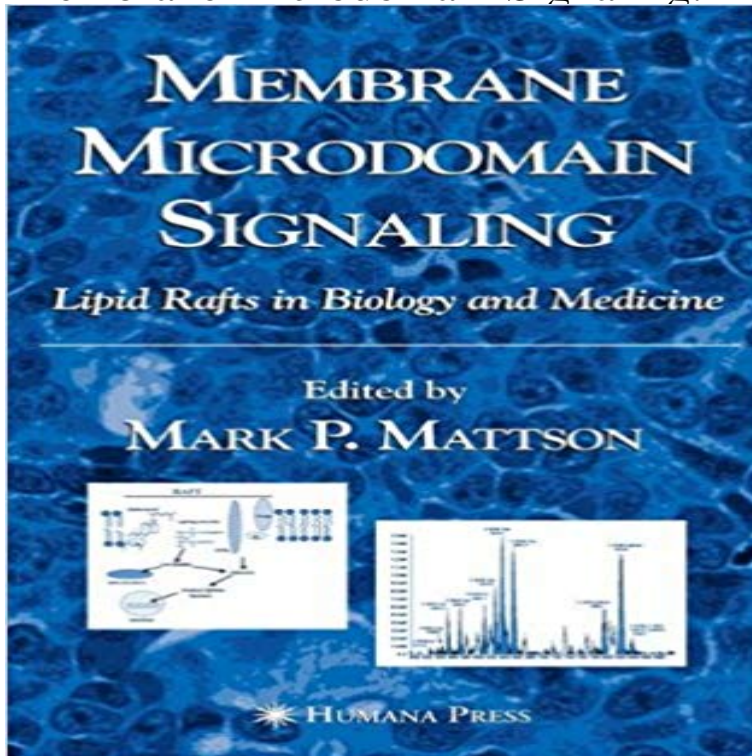


# Membrane Microdomain Signaling: Lipid Rafts in Biology and Medicine



This book explores a fascinating aspect of cell biology that is emerging as pivotal for a variety of signaling processes in cells throughout the body and is also a focus of abnormalities in various pathological conditions. Microdomains, also called lipid rafts are now recognized as playing fundamental roles in regulating a range of cellular processes from proliferation and differentiation to signal transduction responses to a variety of stimuli. In this book, experts in the field of lipid rafts and signal transduction provide detailed reviews of the current state of understanding of these membrane microdomains and their physiological and pathophysiological roles. Better understanding of the effects of dietary lipids on raft function may lead to novel ways to prevent and treat various diseases that involve abnormalities in lipid rafts.

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Go to: may be in the formation of similar microdomains in biological membranes. **Role of Cholesterol in Membrane Microdomain Signaling - Springer** Lipid Rafts in Biology and Medicine Mark P. Mattson Fielding C. J. (2004) Role of cholesterol in membrane microdomain signaling, in Membrane Microdomain **Membrane Microdomain Signaling: Lipid Rafts in Biology and** In Membrane Microdomain Signaling: Lipid Rafts in Biology and Medicine, multidisciplinary experts offer cutting-edge reviews of our current understanding of **Membrane Microdomain Signaling: Lipid Rafts in Biology and** - 28 sec - Uploaded by yujbuhdtfsraMembrane Microdomain Signaling: Lipid Rafts in Biology and Medicine [http download Membrane Microdomain Signaling: Lipid Rafts in Biology](#) Chapter. Membrane Microdomain Signaling. pp 191-201 However, given the multitude of signaling processes that involve lipid rafts (Fig. 1), it is important for