## **Table of Contents**

A Coupled Three-Step Network-Based Approach to Identify Genes Associated with Breast Cancer Michael Netzer, Xiaocong Fang, Michael Handler, and Christian Baumgartner	1
Enhancing the Potency and Longevity of Highly Valuable Peptides Using Gene Fusion Fuad Fares, Naiel Azzam, Rinat Bar-Shalom, Avri Havron, and Eyal Fima	6
Predicting Gene Knockout Effects by Minimal Pathway Enumeration Takehide Soh, Katsumi Inoue, Tomoya Baba, Toyoyuki Takada, and Toshihiko Shiroishi	11
Effect of Insulating Layers in Loop Applicators for Cardiac Cryoablation Michael Handler, Gerald Fischer, Michael Seger, Roland Kienast, Adrian Schuette, and Christian Baumgartner	20