



Humana

1st
edition

2012, XIV, 359 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-1-61779-497-1

\$ 219,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

Series

Methods in Molecular Biology

Other renditions

Softcover

ISBN 978-1-4939-5879-5

Life Sciences : Biochemistry

Rédini, Françoise (Ed.), INSERM U957 - EA 3822, Nantes, France

Proteoglycans

Methods and Protocols

- Covers the details of proteoglycans in all their complexity
- Features lab-ready protocols
- Includes key tips and expert implementation advice to ensure successful results

Now recognized as a reservoir for growth factors and cytokines modulating cell activation status and turnover, proteoglycans have stimulated great amount of interest and research. In *Proteoglycans: Methods and Protocols*, experts in the field examine issues of basic concepts and up-to-date analysis methods for proteoglycan and glycosaminoglycan (GAG) at the protein and saccharide levels. The volume continues with the multifunctional aspect of proteoglycans, highlighted through three relevant examples of proteoglycans with highly different structures: serglycin, aggrecan, and heparin sulphate proteoglycans. The final chapter describes proteoglycan involvement in the pathogenesis of various disorders and their potential therapeutic value in osteo-articular diseases. Written in the highly successful *Methods in Molecular Biology™* series format, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls. Authoritative and accessible, *Proteoglycans: Methods and Protocols* is an ideal guide for scientists attempting to pursue further research in this vital and complex area of study.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-1-61779-497-1 / BIC: PSB / SPRINGER NATURE: SCL14005

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.