



Matrix metalloproteinases

[

Parks, William C.
Mecham, Robert P.

Academic Press,
c1998

Libros electrónicos

Monografía

The chapters in this book thoroughly cover the structure, regulation, and function of matrix metalloproteinases, and provide information on the latest strategies to inhibit enzyme activity. This work will be an indispensable reference tool for investigators with an interest in extracellular matrix biology, matrix turnover, enzymology and biochemistry of proteinases, developmental biology, pathology, and therapeutic interventions. Key Features

- * Provides state-of-the-art information on a field with broad implications to many areas of biology
- * Includes detailed coverage of the structure and regulation of all major matrix metalloproteinases
- * Chapters focus on a timely and expanding field
- * Topics have direct relevance to understanding human disease pathology of cancer, arthritis, and vascular disease
- * Discusses latest strategies used in the development of new therapeutics to inhibit metalloproteinase activity

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMTY4NjkyNjY>

Título: Matrix metalloproteinases [Recurso electrónico] edited by William C. Parks, Robert P. Mecham

Editorial: San Diego Academic Press c1998

Descripción física: xii, 362 p. ill. 24 cm

Mención de serie: Books on ScienceDirect Biology of extracellular matrix series

Bibliografía: Includes bibliographical references and index

Contenido: Contributors. -- Preface. -- The Matrix Metalloproteinase Family, J.F. Woessner, Jr.. -- Interstitial Collagenases, J.J. Jeffrey. -- Stromelysins 1 and 2, H. Nagase. -- 72-kDa Gelatinase (Gelatinase A): Structure, Activation, Regulation, and Substrate Specificity, A.E. Yu, A.N. Murphy and W.G. Stetler-Stevenson. -- Gelatinase B: Structure, Regulation, and Function, T.H. Vu and Z. Werb. -- Matrilysin, C.L. Wilson and L.M. Matrisian. -- Macrophage Elastase (MMP-12), S.D. Shapiro and R.M. Senior. -- Membrane-Type Matrix Metalloproteinases and Cell Surface-Associated Activation Cascades for Matrix Metalloproteinases, V. Knauper and G. Murphy. -- Substrate Specificity and Mechanism of Substrate Recognition of the Matrix Metalloproteinases, V. Imper and H.E. Van Wart. -- Synthetic Inhibitors of Matrix Metalloproteinases, P.D. Brown. -- Matrix Metalloproteinases in Tissue Repair, W.C. Parks, B.D. Sudbeck, G.R. Doyle and U.K. Saarialho-Kere. -- Regulation of Matrix Metalloproteinase Gene Expression, M.E. Fini, J.R. Cook, R. Mohan and C.E. Brinckerhoff. -- Index The matrix

metalloproteinase family / J. Frederick Woessner, Jr. -- Interstitial collagenases / John J. Jeffrey -- Stromelysins 1 and 2 / Hideaki Nagase -- 72-kDa gelatinase (gelatinase A) : structure, activation, regulation, and substrate specificity / Anita E. Yu, Anne N. Murphy, and William G. Stetler-Stevenson -- Gelatinase B : structure, regulation, and function / Thiennu H. Vu and Zena Werb -- Matrilysin / Carole L. Wilson and Lynn M. Matrisian -- Macrophage elastase (MMP-12) / Steven D. Shapiro and Robert M. Senior -- Membrane-type matrix metalloproteinases and cell surface-associated activation cascades for matrix metalloproteinases / Vera Knäuper and Gillian Murphy -- Substrate specificity and mechanisms of substrate recognition of the matrix metalloproteinases / Vera Imper and Harold E. Van Wart -- Synthetic inhibitors of matrix metalloproteinases / Peter D. Brown -- Matrix metalloproteinases in tissue repair / William C. Parks ... [et al.] -- Regulation of matrix metalloproteinase gene expression / M. Elizabeth Fini ... [et al.].

Restricciones de acceso: Acceso restringido a miembros del Consorcio de Bibliotecas Universitarias de Andalucía

Detalles del sistema: Modo de acceso: World Wide Web

Fuente de adquisición directa: ScienceDirect (M)

ISBN: 9780125450904 0125450907

Materia: Metalloproteinases Extracellular matrix proteins Metalloendopeptidases Extracellular Matrix-enzymology Métalloprotéinases Protéines de la matrice extracellulaire

Autores: Parks, William C. Mecham, Robert P.

Punto acceso adicional serie-Título: Biology of extracellular matrix

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es