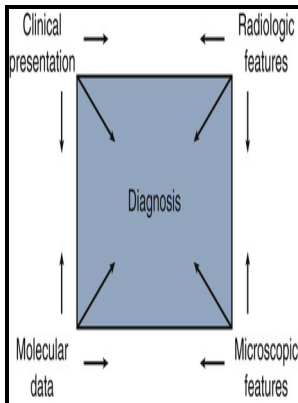


Organization of the extracellular matrix - a polarization microscopic approach

CRC Press - Intro to SENS Research



Description: -

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 Personal property -- United States.
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 Microscopy, Polarization.
 Extracellular Matrix -- ultra structure.
 Polarizing microscopes.
 Extracellular matrix -- Microscopy. Organization of the extracellular matrix - a polarization microscopic approach
 -Organization of the extracellular matrix - a polarization microscopic approach

Notes: Includes bibliographical references and index.

This edition was published in 1991



Filesize: 59.310 MB

Tags: #Quantitative #evaluation #of #the #human #vocal #fold #extracellular #matrix #using #multiphoton #microscopy #and #optical #coherence #tomography

Local extracellular matrix alignment directs cellular protrusion dynamics and migration through Rac1 and FAK

Matrix alignment Collagen matrix was aligned using magnetic field-induced flow of magnetic beads during matrix polymerization.

Early alterations in the collagen meshwork and lesions in the ankles are associated with spontaneous osteoarthritis in guinea

Tackling this problem experimentally is challenging due to the complexity of systems with many cells and matrix components, and the difficulty of seeing in real time how matrix is being organized.

OSA

Distinct fibroblast lineages determine dermal architecture in skin development and repair. The inherent in vivo imaging challenges endoscopic measurements, SNR, field-of-view have motivated this choice and convey a better clinical translation of those features.

Intro to SENS Research

We next measured the morphology and migration of inhibitor-treated cells in aligned collagen matrix to determine if the observed differences in early matrix-probing protrusions preceded later behavioral anisotropy. Interestingly, matrix feedback could act as a secondary mechanism for generating short-range alignment of cells with high individual migratory noise , blue line.

Organization of the extracellular matrix : a polarization microscopic approach (eBook, 2018) [sdk.mavlink.io]

Rows highlighted in red are significantly different from control. Plural Publishing Incorporated, San Deigo, 2014. Furthermore, mature elastic fibers are mostly distributed along the mid-region, with relatively lower concentrations in the deeper LP.

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