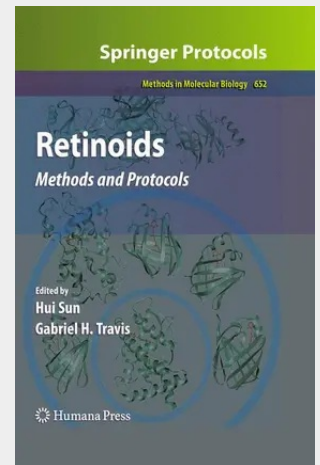


Retinoids

Methods and Protocols

New and exciting biological functions are still being discovered for vitamin A derivatives, including the vast number of physiological activities of retinoids. In *Retinoids: Methods and Protocols*, expert researchers in the field present the most recent technical tools with diverse techniques for both in vitro and in vivo studies. Combining biochemical, biophysical, and cell biological techniques, the book addresses topics such as the detection and quantitation of retinoids using HPLC, mass spectrometry, and fluorescence, fluorescence anisotropy of retinol binding protein, cell culture models for studying retinoid transport and the role of retinol in embryonic stem cell culture, as well as many other detailed procedures. Written in the highly successful *Methods in Molecular Biology™* series format, chapters include introductions to their respective subjects, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and notes highlighting tips on troubleshooting and avoiding known pitfalls. Authoritative and cutting-edge, *Retinoids: Methods and Protocols* seeks to aid beginning and experienced researchers from widely varied fields in the search to uncover even more vital aspects of vitamin A's impact on the human body.

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