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Peptide Research Protocols: Endothelin (Paperback)

By -

Humana Press Inc., United States, 2010. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.The endothelins are a remarkable family of signaling peptides: molecular biology predicted the existence of their receptors and synthetic enzymes prior to both the identification of the encoded proteins and the synthesis of antagonists and inhibitors for use as pharmacological tools. Although considerable advances have been made, culminating in the design of endothelin antagonists with therapeutic potential in cardiovascular disease, much remains to be discovered. Tantalizingly, new research frontiers are emerging. To support further progress, Peptide Research Protocols: Endothelin encompasses experimental protocols that interrogate all facets of an endogenous mammalian peptide system, from peptide and receptor expression through synthetic pathway to peptide function and potential role in human disease. Chapters describe the use of molecular techniques to quantify the expression of mRNA for both endothelin receptors and the endothelin-converting enzymes. Peptides, precursors, receptors, and synthetic enzymes may be localized and quantified in plasma, culture supernatants, tissue homogenates, and tissue sections using antibodies, while additional information on receptor characterization may be obtained using radioligand binding techniques. Several protocols cover in vitro assays that determine the function of the endothelin...



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Reviews

I actually started looking over this publication. It really is rally interesting throgh studying period. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Dana Hintz

Good electronic book and valuable one. It really is basic but unexpected situations in the 50 percent in the pdf. You wont really feel monotony at at any moment of your time (that's what catalogues are for concerning when you ask me).

-- Elisa Reinger