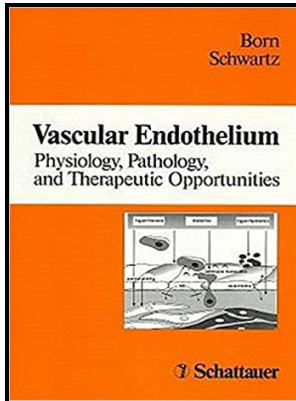


# Vascular endothelium - physiology, pathology, and therapeutic opportunities

Schattauer - Endothelium



Description: -

-

Vascular endothelium -- Physiology

Vascular endothelium -- Pathophysiology

Endothelium, Vascular -- physiology.

Endothelium, Vascular -- pathology. Vascular endothelium - physiology, pathology, and therapeutic opportunities

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Arts décoratifs

IEEE transactions on instrumentation and measurement -- vol.43 (2)

New horizon series (Stuttgart, Germany) -- v. 3.

New horizon series -- v. 3 Vascular endothelium - physiology,

pathology, and therapeutic opportunities

Notes: Includes bibliographical references and index.

This edition was published in 1997



Filesize: 64.74 MB

Tags: #MicroRNAs #in #endothelial #cell #homeostasis #and #vascular #disease

## Novel insights into vascular repair mechanisms

Yet, rigorous, controlled, and prospective clinical trials must evaluate the balance between the potential benefits by forestalling the consequences of cytokine storm versus the potential of lowering defences against bacterial superinfections that commonly complicate individuals with impaired pulmonary protective functions and remain subject to the rigours of mechanical ventilation and endotracheal intubation.

## Redox control of endothelial function and dysfunction: molecular mechanisms and therapeutic opportunities

Advances in the biology of cerebral cavernous malformations. Conflict of Interest The authors declare that the research was conducted in the absence of any commercial or financial relationships that could be construed as a potential conflict of interest. The p16LUC reporter mouse was generated in 2014 that harbors a knockin of the luciferase gene into the p16INK4a locus.

## Endothelial Functions

IL-1 $\alpha$  was recently identified as an important functional component of SASP in both replicative and premature senescent HUVECs.

## MicroRNAs in endothelial cell homeostasis and vascular disease

It is short-lived with a half-life of a few seconds, highly reactive, and produced by nitric oxide synthase NOS.

## Endothelium

Integrins associated with the endothelial surface also participate in these adhesive interactions and furnish cognate ligands for the adhesion molecules.

## Functional Ultrastructure of the Vascular Endothelium: Changes in Various Pathologies

This study suggests that it is feasible to examine D+Q in larger randomized and controlled trials for idiopathic pulmonary fibrosis.

### **Novel insights into vascular repair mechanisms**

In this study, IL-1 synergized with TNF- $\alpha$  in impairing endothelium-dependent dilatation but IL-6 had no effect. Here, we review the recent advances in our understanding of cellular senescence focusing on cellular senescence of the vascular endothelium, endothelial-leukocyte interactions, and how regulation by epigenetic mechanisms such as lncRNAs impacts the pathobiology in a range of aging-associated diseases.

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