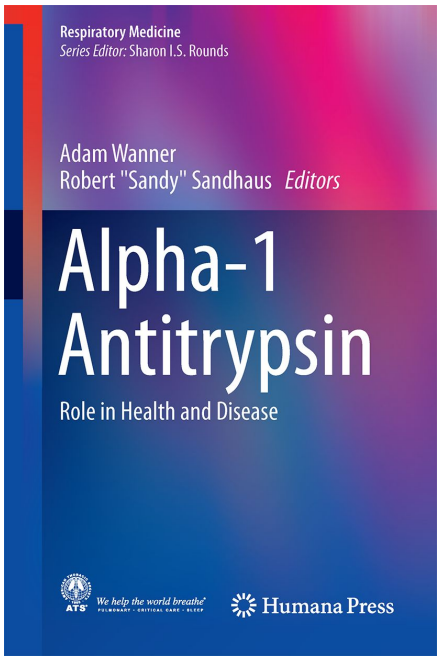

Medicine : Pneumology/Respiratory System

Wanner, Adam, Sandhaus, Robert A. (Eds.)

Alpha-1 Antitrypsin

Role in Health and Disease

- Discusses issues unique to rare diseases
- Written by a group of international expert authors
- Discusses mechanisms, manifestations, and clinical outcomes

This book offers a comprehensive overview of alpha-1 antitrypsin deficiency, an inherited condition that leads to lung disease in adults and liver disease in adults and children and is associated with chronic obstructive lung disease in adults. While it is a rare condition, the mechanisms underlying the clinical manifestations of this deficiency have been largely clarified. Treatment, however, is available only for the lung disease that arises from the condition, thus necessitating continued research into new and alternative therapeutic solutions. The book discusses the biology of alpha-1 antitrypsin, protein misfolding and polymerization, and diagnosis and treatment of alpha-1 antitrypsin deficiency and its associated diseases. It concludes with a discussion of rare disorders linked to alpha-1 antitrypsin deficiency and the role of healthcare organizations in the treatment of these diseases. Written for pulmonary clinicians and scientists, Alpha-1 Antitrypsin: Role in Health and Disease is a valuable resource that sheds light on this rare disease.

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