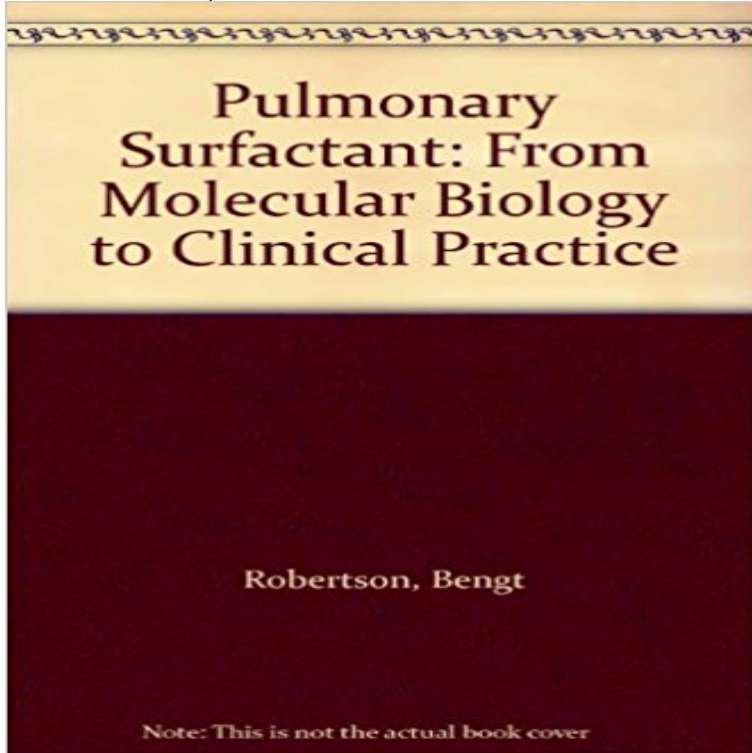


Pulmonary Surfactant: From Molecular Biology to Clinical Practice



There has been a spectacular development in both basic research on the pulmonary surfactant system and the clinical use of surfactant for treatment of lung diseases, especially in the neonatal period. In particular, the molecular biology and physiological roles of the surfactant-associated proteins (SP-A) have been clarified during the last few years; the structure and functions of these proteins therefore constitute an important hot topic, and are reviewed in several chapters of this volume. In the first half of the book, the emphasis remains on basic science, including surface chemistry and ultrastructure of surfactant components, the role of surfactant in lung mechanics and alveolar liquid homeostasis, and surfactant metabolism and its hormonal control. However, as mentioned above, clinical applications of surfactant research have become increasingly important and are therefore dealt with extensively in the remaining chapters. The publication also contains selected examples of new concepts emerging during the last few years to illustrate the fascinating complexity of the surfactant system. Hence, the main mission of this volume is to catalyze the future development in this field with the exchange of ideas between scientific workers from different disciplines.

We've started our countdown to National Handbag Day on October 10, and that means we'll have special features for you every day, right up to the big event! Today, we're here to talk about the intersection of celebrity and accessories, and more specifically, how the two can become intertwined in public consciousness for years. The kinds of stars who carry a particular bag do a lot to shape the market's perception of it and the designer who created it, which is why so many brands give out free bags to stars now: they're hoping to create positive associations. In the cases you see below, though, things came along a little bit more naturally. You can't rush love, after all. Think of a bag-celeb duo we missed? Let us know in the comments!

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