



1st ed. 2019, XXI, 617 p. 31 illus., 25 illus. in color.

Printed book

Hardcover

199,99 € | £179.99 | \$249.99

^[1]213,99 € (D) | 219,99 € (A) | CHF 236,00

eBook

160,49 € | £143.50 | \$189.00

^[2]160,49 € (D) | 160,49 € (A) | CHF 188,50

Available from your library or springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Randy Q. Cron, Edward M. Behrens (Eds.)

Cytokine Storm Syndrome

- Provides the fundamental basic and applied clinical science at the cutting edge of CSS treatment
- First textbook devoted to Cytokine Storm Syndromes, covering all aspects of the disorder (clinical, genetics, pathophysiology, associations, therapy, and others)
- Extensive panel of contributing authors, made up of internationally-renowned experts in CSS research

Cytokine Storm Syndromes, including HLH and MAS, are frequently fatal disorders, particularly if not recognized early and treated during presentation. The genetics of Cytokine Storm Syndromes are being defined with many of the risk alleles giving rise to mutations in the perforin-mediated cytolytic pathway used by CD8 cytotoxic T cells and natural killer cells. These are being studied using murine models. Up to 10% of the general population may carry risk alleles for developing Cytokine Storm Syndromes, and Cytokine Storm Syndromes are being increasingly recognized around the world in pediatric and adult hospitals. A variety of infectious, rheumatic, and oncologic triggers are commonly associated with Cytokine Storm Syndromes, but understanding this disorder is critical for all researchers and physicians to ensure timely and appropriate therapy. This textbook, the first of its kind, addresses all aspects of the disorder – from genetics, pathophysiology, and ongoing research, to clinical presentations, risk factors, and treatment.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

