DESCRIPTION

The leading reference on this topic of increasing medical relevance is unique in offering unparalleled coverage.

The editors are among the most respected researchers in inflammation worldwide and here have put together a prestigious team of contributors. Starting with the molecular basis of inflammation, from cytokines via the innate immune system to the different kinds of inflammatory cells, they continue with the function of inflammation in infectious disease before devoting a large section to the relationship between inflammation and chronic diseases. The book concludes with wound and tissue healing and options for therapeutic interventions.

A must have for clinicians and biomedical researchers alike.

ABOUT THE AUTHOR

Jean-Marc Cavaillon is professor and Head of the Unit "Cytokines and Inflammation" at Institut Pasteur (Paris). He has been President of the "International Endotoxin and Innate Immunity Society". He is member of the Editorial Boards of few journals including Shock, Journal of Infectious Diseases, and International Journal of Inflammation, and has been Associate-Editor of "Cytokine" (2002-2009).

Jean-Marc Cavaillon has an extensive expertise in innate immunity, particularly on cytokines, inflammation, bacterial endotoxins and other Toll-like receptors agonists, endotoxin tolerance, activation of monocytes/macrophages and neutrophils, altered immune

Mervyn Singer is Professor of Intensive Care Medicine at University College London. His primary research interests are sepsis and multi-organ failure, infection, shock and haemodynamic monitoring. Funding for these activities primarily comes from the Wellcome Trust, Medical Research Council and National Institute for Health Research. He developed an oesophageal Doppler haemodynamic monitor that is now in widespread use worldwide, the use of which has been shown in multiple studies to improve outcomes after major surgery and reduce length of stay. He has led on a number of important multi-centre trials in critical care. He has authored various papers and textbooks including the Oxford Handbook of Critical Care, now in its 3rd Edition, and is a Council member of the International Sepsis Forum. He was the first UK intensivist to be awarded Senior Investigator status by the National Institute for Health Research, and to be invited to give plenary lectures at the European and US Intensive Care Congresses.

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