

1. Record Nr.	UNISALENTO991001933139707536
Titolo	Handbook of biomedical optics / edited by David A. Boas, Constantinos Pitris, Nimmi Ramanujam
Pubbl/distr/stampa	Boca Raton : CRC Press, c2011
ISBN	9781420090369 (hardcover : alk. paper)
Descrizione fisica	xix, 787 p., [12] p. of plates : ill. (some col.) ; 29 cm
Classificazione	LC RC78.7.D53 617.7
Altri autori (Persone)	Boas, David A. Pitris, Constantinos Ramanujam, Nimmi
Disciplina	616.07/54
Soggetti	Diagnostic imaging - Digital techniques - Handbooks, manuals, etc Imaging systems in medicine - Handbooks, manuals, etc
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index

2. Record Nr.	UNINA9910349266703321
Titolo	Compendium of inflammatory diseases // edited by Michael J. Parnham
Pubbl/distr/stampa	Basel : , : Springer Basel : , : Imprint : Birkhäuser, , 2020
ISBN	3-0348-0620-5
Descrizione fisica	1 online resource (1600 pages) : illustrations (some color)
Disciplina	616.079
Soggetti	Inflammation Inflammation - Immunological aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Adhesion molecules of neutrophils -- Anaphylaxis (Immediate hypersensitivity): from old to new mechanisms -- Antiviral Responses -- Autophagy and Inflammation -- Basophils -- Cell signalling in neutrophils -- Co-stimulatory Receptors -- Dendritic Cells -- GILZ-Related Regulation of Inflammation -- Glial Cells -- Immunoglobulin receptors and inflammation.-Inflammation and autoimmunity -- Inflammatory Bowel Disease Models in Animals -- Leukocyte Recruitment -- Lymphocyte homing and trafficking -- Macrophage heterogeneity during inflammation -- Mast Cells -- Mechanisms of Macrophage Migration in 3-Dimensional Environments -- Microvascular Responses to Inflammation -- Modulation of inflammation by key nutrients -- Natural Killer Cells -- Neutrophil Extracellular Traps -- Neutrophil oxidative burst -- Obesity and Inflammation -- Osteoclasts in Inflammation -- Parasitism: A Unique Lifestyle Reflecting Dynamic Parasite- and Host(s)-Co-driven Processes -- Platelet, Endothelium, and Inflammation -- Regulatory T cells -- Sepsis Models in Animals -- Skin inflammation models in animals -- Th17 Response -- Toll-Like Receptors -- Angiogenesis Inhibitors -- Anti-asthma Drugs, Overview -- Anti-histamines -- Anti-muscarinics -- Antibiotics as anti-inflammatory drugs -- Antimalarial Drugs -- Azathioprine/Thiopurines -- Beta2 Agonists -- CD 20 Inhibitors -- Rituximab -- CD80/86 Inhibitors -- Chromones -- Cromoglycate and Nedocromil -- Colony stimulating factor therapeutics -- Corticosteroids -- Coxibs -- Disease-Modifying Anti-Rheumatic Drugs

-- Fenamates -- Flavonoids as anti-inflammatory agents -- Gold Complexes -- Interleukin 1 Inhibitors -- Interleukin 12/23 Inhibitors: Ustekinumab Interleukin-6 Inhibitor -- Tocilizumab -- Leflunomide -- Medicinal Fatty Acids -- Methotrexate.-NO-donating anti-inflammatory drugs -- Non-steroidal anti-inflammatory drugs -- Phosphodiesterase-4 inhibitors -- Propionic Acid Derivative Drugs (Profens) -- Salicylates -- Sulfasalazine and Related Drugs -- Tetracyclines -- Theophylline -- TNF Inhibitors -- Acute exacerbations of airway inflammation -- Allergic Disorders -- Alzheimer's Disease -- Antiphospholipid antibody syndrome -- Asthma -- Atopic dermatitis -- Autoinflammatory syndromes -- Behcet's disease -- Bronchiolitis obliterans -- Cancer and inflammation -- Cogan's syndrome -- COPD -- Diabetes type I -- Diabetes type II -- Diffuse panbronchiolitis -- Gaucher's disease -- Genetic susceptibility to inflammatory diseases -- Gout -- Graft vs Host Disease -- Granulomatosis with Polyangiitis (GPA) -- Grave's disease.-Guillaine-Barre disease -- Henoch-Schönlein Purpura -- Idiopathic Thrombocytopenic Purpura -- Inflammatory bowel disease -- Juvenile idiopathic arthritis -- Kawasaki Disease -- Lyme disease -- Osteoarthritis.-Osteoarthritis Genetics -- Polymyositis and Dermatomyositis -- Rheumatic Fever -- Rheumatoid arthritis -- Role of Cell Therapy in Autoimmune Disease -- Sarcoidosis -- Sepsis -- Spondylarthropathies -- ACKR3 -- Adhesion molecules -- Alarmins -- Antibacterial Host .-Defense Peptides -- Bacterial Lipopolysaccharide.-Biofilm -- Bone Morphogenetic Proteins in Inflammation -- C5a Receptors -- CCL18 -- CCR1 -- Ceramide 1-Phosphate: A Mediator of Inflammatory Responses -- Complement System -- CXCL4 and CXCL4L1 -- CXCR1 and CXCR2 and Ligands -- CXCR3 and its Ligands -- Cytokines -- Cytolytic Granules -- Foxp3 -- Heat Shock Proteins -- Histamine -- IFNgamma -- IkappaB -- Inflammasomes -- Interleukin 1 -- Interleukin 10 -- Interleukin 12 -- Interleukin 17 -- Interleukin 18 -- Interleukin 18 Binding Protein -- Interleukin 2 -- Interleukin 22 -- Interleukin 23 -- Interleukin 27 -- Interleukin 32 -- Interleukin 36 Cytokines -- Interleukin 4 and the related cytokines (Interleukin 5 and Interleukin 13) -- Interleukin 6 -- Interleukin 9 -- Interleukin-33 -- Janus Kinases (JAKs)/STAT Pathway -- Kinins -- Leukotrienes -- Mammalian Target of Rapamycin (mTOR) -- MAP Kinase Pathways -- NFkappaB -- Nitric oxide -- Nuclear Receptor Signaling in the Control of Inflammation -- Pathogen-Associated Molecular Patterns (PAMPs) -- Pentraxins -- Prostanoids -- Protease-Activated Receptors -- Reactive oxygen species -- Substance P in Inflammation -- TGF-b superfamily cytokine MIC-1/GDF15 in health and inflammatory diseases -- TNFalpha -- Type I Interferons.

Sommario/riassunto

Inflammation has become one of the most exciting and rewarding areas of medical research. Recent years have seen a revolution in our understanding of how blood and tissue cells interact and of the intracellular mechanisms controlling their activation. This has revealed the underlying inflammatory pathology of many diseases and provided multiple new targets for anti-inflammatory and immunomodulatory therapy. The Compendium of Inflammatory Diseases covers the following areas: Inflammatory Processes and Cells Inflammatory Diseases Mediators of Inflammation Pharmacology of Inflammation Since inflammatory diseases and their therapy cover a broad range of scientific and medical fields, the encyclopedia will be co-edited by four international experts, a clinician and three researchers from the disciplines of immunology, biochemistry, and pharmacology, in this way providing students, basic and clinical scientists and practitioners in academia, hospitals and industry with valuable interlinked information. This living project will serve as a reliable and comprehensive data pool

for everybody working in inflammation research. Owing to its dynamic nature, it will grow with time and future editions, becoming an indispensable source of information for academia, clinical practitioners and industry.
