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Titolo	The neutrophils [[electronic resource] ] : new outlook for old cells // editor, Dmitry I. Gabrilovich
Pubbl/distr/stampa	London, : Imperial College Press Singapore ; ; Hackensack, NJ, : Distributed by World Scientific Pub., c2013
ISBN	1-299-46292-8 1-84816-837-3
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (447 p.)
Altri autori (Persone)	GabrilovichDmitry I
Disciplina	571.96
Soggetti	Neutrophils Immunology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	List of Contributors; Preface; Contents; Chapter 1: Molecular Regulation of Granulopoiesis Sachin Kumar and Marie-Dominique Filippi; 1.1 Introduction; 1.2 Sequential Steps of PMN Development; 1.2.1 From HSC to granulocytic precursors; 1.2.2 Final stages of granulocytic maturation - Acquisition of granulocyte characteristics; 1.3 Regulation of Steady State Granulopoiesis; 1.3.1 Growth factors; 1.3.1.1 G-CSF: Sources and functions; 1.3.1.2 G-CSFR and downstream signaling pathways; 1.3.1.3 G-CSFR signaling: Instructive or permissive?; 1.3.2 Transcription factors (TF) 1.3.2.1 PU.1 - Generation of CMP from HSC 1.3.2.2 C/EBP - Generation of GMP from CMP; 1.3.2.3 C/EBP - Terminal stages of differentiation; 1.3.2.4 Gfi-1 - Terminal stages of differentiation; 1.3.2.5 Other transcription factors important for granulopoiesis; 1.3.2.5.1 Retinoic acid receptors; 1.3.2.5.2 HoxA10; 1.3.2.5.3 LEF-1; 1.3.3 MicroRNA; 1.3.4 Cell cycle regulation; 1.4 Emergency Granulopoiesis; 1.5 Conclusion; References; Chapter 2: The Neutrophil Respiratory Burst Oxidase Mark T. Quinn; 2.1 Introduction; 2.2 NADPH Oxidase Components; 2.2.1 Flavocytochrome b; 2.2.2 p47phox; 2.2.3 p67phox

2.2.4 p40phox; 2.2.5 Rac; 2.2.6 Rap1A; 2.3 Oxidase Protein Binding Interactions; 2.3.1 Flavocytochrome b-p47phox interactions; 2.3.2 p40phox-p47phox-p67phox interactions; 2.3.3 Rac interactions; 2.4 Model of NADPH Oxidase Assembly; 2.5 Oxidant Production; 2.5.1 Superoxide anion (O<sub>2</sub><sup>-</sup>); 2.5.2 Hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>); 2.5.3 Hypochlorous acid (HOCl); 2.5.4 Hydroxyl radical (HO); 2.5.5 Singlet oxygen ( <sup>1</sup>O<sub>2</sub> \*); 2.5.6 Nitric oxide (NO) and peroxynitrite (ONOO<sup>-</sup>); 2.7 Summary; Acknowledgments; References

Chapter 3: Novel Neutrophil Receptors and Their Signal Transduction  
Nicole R. Fortenbery, Xianhong Chen and Sheng Wei  
3.1 Introduction; 3.2 Siglecs; 3.2.1 Identification of siglecs; 3.2.2 Characterization of siglecs; 3.2.3 Siglec-5; 3.2.4 Siglec-9; 3.2.5 Siglec-14; 3.2.6 Siglec signaling; 3.2.7 Clinical applications; 3.3 Triggering Receptor Expressed by Myeloid Cells (TREM); 3.3.1 Identification of TREM; 3.3.2 Characterization of TREM-1; 3.3.3 TREM-1-DAP12 and signal transduction; 3.3.4 TREM-1 ligand(s); References

Chapter 4 Mechanisms of Neutrophil Migration  
Fong W. Lam, Rolando E. Rumbaut and Alan R. Burns  
4.1 Introduction; 4.2 Historical Perspective on Leukocyte Adhesion and Emigration (1669-1955); 4.2.1 The first observations; 4.2.2 Mechanistic insight; 4.3 Molecular Adhesive Events Preceding Neutrophil Transendothelial Migration; 4.4 Integrin Regulation of Neutrophil Transendothelial Migration; 4.5 Paracellular Neutrophil Transendothelial Migration; 4.5.1 Endothelial cleft organization; 4.5.2 Tight junctions and preferred transmigratory sites; 4.5.3 Adherens junctions; 4.5.4 Gap junctions  
4.5.5 PECAM-1

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### Sommario/riassunto

This is a third edition of the popular book, which presents an overview of the most recent findings in the biology of neutrophils. These cells are critically important for protection against bacterial and viral infections and have been recently demonstrated to be a major contributor to tumor associated immune suppression. In addition, neutrophils represent a unique model for studying fundamental questions of cellular biochemistry and molecular biology. This monograph provides a detailed description of signal transduction, generation of reactive oxygen, and mechanisms of migration and death of

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2. Record Nr.	UNINA9910779222803321
Autore	Johnson Sara E (Sara Elizabeth)
Titolo	The fear of French negroes [[electronic resource] ] : transcolonial collaboration in the revolutionary Americas // Sara E. Johnson
Pubbl/distr/stampa	Berkeley, : University of California Press, 2012
ISBN	1-282-13420-5 9786613806789 0-520-95378-9
Descrizione fisica	1 online resource (313 p.)
Collana	Flashpoints ; ; 12
Disciplina	305.896/969729
Soggetti	Black people - Caribbean Area - History - 19th century Black people - Gulf Coast (U.S.) - History - 19th century Black people - Race identity - Caribbean Area - History - 19th century Black people - Race identity - Gulf Coast (U.S.) - History - 19th century Black people - Migrations - History - 19th century Haiti History Revolution, 1791-1804 Influence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- List of Illustrations -- Acknowledgments -- Preface: The Fear of "French Negroes" -- Introduction: Mobile Culture, Mobilized Politics -- 1. Canine Warfare in the Circum-Caribbean -- 2. "Une et indivisible?" The Struggle for Freedom in Hispaniola -- 3. "Negroes of the Most Desperate Character": Privateering and Slavery in the Gulf of Mexico -- 4. French Set Girls and Transcolonial Performance -- 5. "Sentinels on the Watch-Tower of Freedom": The Black Press of the 1830's and 1840's -- Epilogue -- Notes -- Works Consulted and Discography -- Index
Sommario/riassunto	The Fear of French Negroes is an interdisciplinary study that explores how people of African descent responded to the collapse and reconsolidation of colonial life in the aftermath of the Haitian Revolution (1791-1845). Using visual culture, popular music and dance, periodical literature, historical memoirs, and state papers, Sara E. Johnson examines the migration of people, ideas, and practices across imperial boundaries. Building on previous scholarship on black

internationalism, she traces expressions of both aesthetic and experiential transcolonial black politics across the Caribbean world, including Hispaniola, Louisiana and the Gulf South, Jamaica, and Cuba. Johnson examines the lives and work of figures as diverse as armed black soldiers and privateers, female performers, and newspaper editors to argue for the existence of "competing inter-Americanisms" as she uncovers the struggle for unity amidst the realities of class, territorial, and linguistic diversity. These stories move beyond a consideration of the well-documented anxiety insurgent blacks occasioned in slaveholding systems to refocus attention on the wide variety of strategic alliances they generated in their quests for freedom, equality and profit.

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