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Titolo	Skin barrier function // volume editor, Tove Agner
Pubbl/distr/stampa	Basel ; ; New York : , : Karger, , 2016
ISBN	3-318-05586-7
Descrizione fisica	1 online resource (172 p.)
Collana	Current problems in dermatology, , 1421-5721 ; ; volume 49
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Soggetti	Skin - Physiology Epidermis - Physiology
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 indexes.
Nota di contenuto	Cover; Front Matter; Contents; Preface; Section I: Basic Parameters; Filaggrin and Skin Barrier Function; Abstract; Filaggrin and the Skin Barrier; Clinical Studies; In vitro Models; Animal Models; Conclusion; Acknowledgment; References; Stratum Corneum Lipids: Their Role for the Skin Barrier Function in Healthy Subjects and Atopic Dermatitis Patients; Abstract; Lipid Properties in Healthy Stratum Corneum; Lipid Properties in Atopic Dermatitis; Enzymes Involved in Lipid Biosynthesis; Effect of FLG Mutations on Lipid Barrier Properties; Natural Moisturizing Factor and pH Levels Effect of Inflammation on the Lipid Metabolism and Lipid Barrier Properties Concluding Remarks; References; Importance of Tight Junctions in Relation to Skin Barrier Function; Abstract; Tight Junctions and Their Proteins in Mammalian Skin; Barrier Function of Tight Junctions in the Skin; Nonbarrier Functions of Tight Junction Proteins in the Skin; Interaction of Tight Junctions with Other Barriers of the Skin - Importance of Tight Junctions for Skin Barrier Function; Tight Junctions as a Boundary between Microbial and Immunological Barriers; Conclusion; Acknowledgments; References Antimicrobial Peptides, Infections and the Skin Barrier Abstract; Antimicrobial Peptides in the Epidermis; Antimicrobial Peptides and Impaired Barrier Function; Antimicrobial Peptides and Infections; Conclusion; Acknowledgment; References; Biological Variation in Skin Barrier Function: From A (Atopic Dermatitis) to X (Xerosis); Abstract; Biological Variation of the Skin Barrier with Age; Pathological Variations

in Skin Barrier Function; Conclusion; References; Section II: External Factors Influencing Skin Barrier; Methods for the Assessment of Barrier Function; Abstract

Transepidermal Water Loss Bioengineering Methods for Skin Barrier Assessment (Other than Transepidermal Water Loss); Tape Stripping and Other Invasive Methods; Spectroscopic Methods, Molecular Imaging and Further Modern Methods; Irritants: Methods Used for Challenging Barrier Function; Conclusion; References; In vivo Raman Confocal Spectroscopy in the Investigation of the Skin Barrier; Abstract; Physical Basis of Raman Spectroscopy; In vivo Raman Confocal Spectroscopy of the Epidermal Barrier; Conclusion; References; Irritants and Skin Barrier Function; Abstract

Irritants and Skin Barrier Homeostasis Non-Invasive Bioengineering Methods; Conclusions; References; Skin Barrier Function and Allergens; Abstract; Normal Skin Barrier Function; Psoriasis; Atopic Dermatitis; Irritant Contact Dermatitis; Conclusion; Acknowledgment; References; Penetration through the Skin Barrier; Abstract; Percutaneous Penetration; Methodologies for Studying Percutaneous Penetration; Biological Factors Affecting Percutaneous Penetration; Physicochemical Characteristics Affecting Percutaneous Penetration; The Best Experimental Model?; References

Section III: Optimizing Skin Barrier Function

Sommario/riassunto

Although a very fragile structure, the skin barrier is probably one of the most important organs of the body. Inward/out it is responsible for body integrity and outward/in for keeping microbes, chemicals, and allergens from penetrating the skin. Since the role of barrier integrity in atopic dermatitis and the relationship to filaggrin mutations was discovered a decade ago, research focus has been on the skin barrier, and numerous new publications have become available. This book is an interdisciplinary update offering a wide range of information on the subject. It covers new basic research on skin markers, including results on filaggrin and on methods for the assessment of the barrier function. Biological variation and aspects of skin barrier function restoration are discussed as well. Further sections are dedicated to clinical implications of skin barrier integrity, factors influencing the penetration of the skin, influence of wet work, and guidance for prevention and saving the barrier. Distinguished researchers have contributed to this book, providing a comprehensive and thorough overview of the skin barrier function. Researchers in the field, dermatologists, occupational physicians, and related industry will find this publication an essential source of information.

2. Record Nr.	UNINA9910779570503321
Autore	Roll David L. <1940->
Titolo	The Hopkins touch [[electronic resource]] : Harry Hopkins and the forging of the alliance to defeat Hitler / / David L. Roll
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, c2013
ISBN	0-19-931155-2 0-19-025454-8 1-299-45673-1 0-19-989196-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (537 p.)
Disciplina	940.53/2
Soggetti	Statesmen - United States World War, 1939-1945 - Diplomatic history World War, 1939-1945 - United States United States Foreign relations 1933-1945
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [415]-480) and index.
Sommario/riassunto	David Roll offers a portrait of the most powerful man in Franklin D. Roosevelt's administration. He shows how Harry Hopkins, an Iowa-born social worker who had been an integral part of the New Deal's implementation, became the linchpin in FDR's - and America's - relationships with Winston Churchill and Joseph Stalin, and spoke with an authority second only to the president's. Hopkins could take the political risks his boss could not, and proved crucial to maintaining personal relations among the Big Three.