

1. Record Nr.	UNINA9910760274603321
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Titolo	Advances in Biomedical and Veterinary Engineering : Selected Contributions to the 1st European Congress on Biomedical and Veterinary Engineering, BioMedVetMech 2022, October 1–3, 2022, Zagreb, Croatia // edited by Petra Bonai Bartolin, Ratko Magjarevi, Matthew Allen, Michael Sutcliffe
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031422430 3031422430
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (97 pages)
Collana	IFMBE Proceedings, , 1433-9277 ; ; 90
Altri autori (Persone)	MagjarevicRatko AllenMatthew SutcliffeMichael
Disciplina	610.28
Soggetti	Biomedical engineering Signal processing Veterinary medicine Biomedical Devices and Instrumentation Signal, Speech and Image Processing Veterinary Clinical Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Influence of in Vitro Cultivation on Differentiation Gene Expressions in Canine Adipose-derived Mesenchymal Stem Cells -- Brain Computer Interface in Neurology: The Future of Neurorestoration, the Possibilities and Perils. A Narrative Review -- High Wall Shear Stress and Its Gradient Indicates Intimal Hyperplasia in Vascular Bypass Graft End-to-side Distal Anastomosis -- Non-invasive Functional Electrical Stimulation in Reha-bilitation Engineering -- Low-back Pain Patients Classification Based on Semg Activation Patterns Detection -- Wireless Device for Biomedical Signal Acquisition with Dry Electrodes on an E-bike -- Automatic Objective Magnification Detection in Brightfield Microscopy by Use of Neural Network -- Virtual Surgery and 3d Printing in Craniofacial Surgery – Our Experience at Uhc Osijek Using a Newly

Developed Add-on for open-source 3d Modeling Software.

**Sommario/riassunto**

This book gathers selected peer-reviewed contributions to the 1st European Congress on Biomedical and Veterinary Engineering, BioMedVetMech 2022, held on October 1–3, 2022, in Zagreb, Croatia. It offers a timely snapshot of research findings and advances technologies in the area of biomechanics, rehabilitation and surgery. It covers applications of brain-computer interface, virtual reality and functional electrical stimulation, among others. .

2. **Record Nr.**

UNINA9910624394003321

**Titolo**

Absolute Allergy and Immunology Board Review // edited by Massoud Mahmoudi

**Pubbl/distr/stampa**

Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022

**ISBN**

9783031128677  
9783031128660

**Edizione**

[1st ed. 2022.]

**Descrizione fisica**

1 online resource (329 pages)

**Collana**

Medicine Series

**Disciplina**

660  
616.97

**Soggetti**

Allergy  
Immunology  
Allergology  
Al·lèrgia  
Immunologia  
Llibres electrònics

**Lingua di pubblicazione**

Inglese

**Formato**

Materiale a stampa

**Livello bibliografico**

Monografia

**Nota di contenuto**

Chapter 1. Innate and Adaptive Immunity -- Chapter 2. Immune cells and Functions -- Chapter 3. Allergic Eye Disease -- Chapter 4. Rhinitis -- Chapter 5. Otitis -- Chapter 6. Asthma -- Chapter 7. Occupational Asthma -- Chapter 8. Exercise-induced Asthma -- Chapter 9. Cough and Allergic Diseases -- Chapter 10. Cystic Fibrosis -- Chapter 11.

Hypersensitivity Pneumonitis -- Chapter 12. Allergic Bronchopulmonary Aspergillosis -- Chapter 13. Food Allergy -- Chapter 14. Eosinophilic Esophagitis -- Chapter 15. Urticaria & Angioedema -- Chapter 16. Atopic Dermatitis -- Chapter 17. Mastocytosis -- Chapter 18. Insect Allergy -- Chapter 19. Latex Allergy -- Chapter 20. Facial Mask Allergy -- Chapter 21. Drug Allergy -- Chapter 22. Rheumatoid Arthritis -- Chapter 23. Reiter Syndrome and Reactive Arthritis -- Chapter 24. Lyme Disease -- Chapter 25. Vasculitis -- Chapter 26. B-cell Deficiency -- Chapter 27. T-cell Deficiency -- Chapter 28. Combined Immunodeficiency Disease -- Chapter 29. HIV Infection -- Chapter 30. Anaphylaxis -- Chapter 31. Antihistamines and corticosteroids -- Chapter 32. Bronchodilators -- Chapter 33. New asthma therapeutics -- Chapter 34. Subcutaneous Immunotherapy -- Chapter 35. Sublingual Immunotherapy. .

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### Sommario/riassunto

This book offers a comprehensive review of allergy and immunology, specifically dedicated as a board review preparation. The book is a collective effort and participation of over 90 well known allergists, immunologists, and rheumatologist who are academician and or practitioners. Chapters are presented in a " Case-Based" format. Each chapter presents 2 cases; each case is followed by multiple choice questions/ answers and discussions. Each chapter also offers a list of specific references used in the text, that will enhance the readers' portfolio of resources. Allergy and Immunology Board Review is a must-have resource for allergy & immunology fellows-in-training and all allergy practitioners as well as any medical provider including residents, medical students and allied health who rotate in allergy divisions. .

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