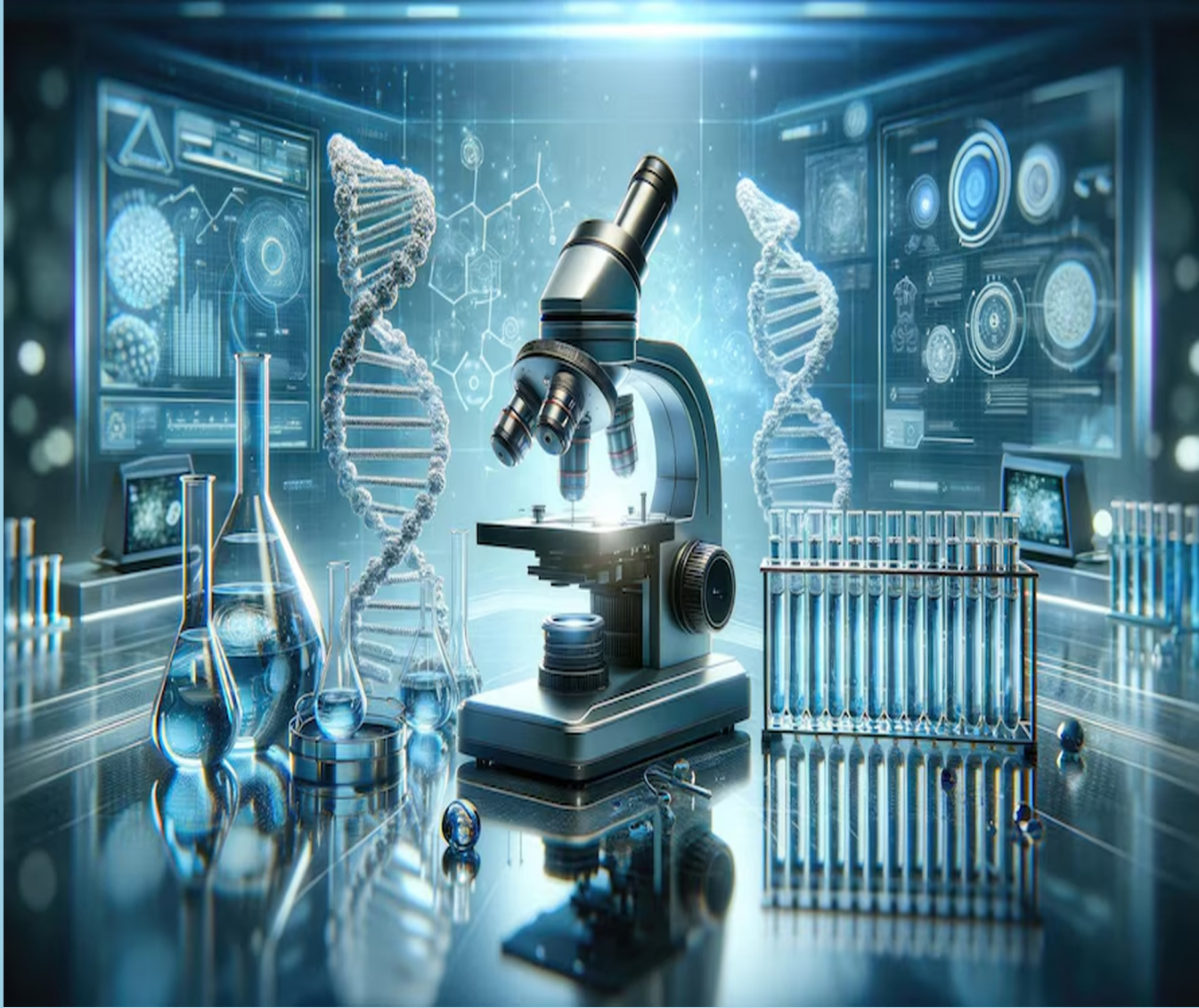


Futuristic Trends in
Medical Sciences

Volume 3, Book 14, 2024, IIP Series



Futuristic Trends in

MEDICAL SCIENCES

Volume 3, Book 14, 2024, IIP Series



Title of the Book: Futuristic Trends in Medical Sciences

Edition: Volume 3, Book 14, 2024, IIP Series

Copyright © 2024 Authors

No part of this book may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owners and publisher.

Disclaimer

The authors are solely responsible for the contents published in this book. The publisher or editors do not take any responsibility for the same in any manner. Errors, if any, are purely unintentional and readers are requested to communicate such errors to the editors or publishers to avoid discrepancies in future.

ISBN: 978-93-6252-008-1

Publisher, Printed at & Distribution by:

Selfypage Developers Pvt. Ltd.,
Pushpagiri Complex,
Beside SBI Housing Board,
K.M. Road Chikkamagaluru, Karnataka.
Tel.: +91-8861518868
E-mail: info@iipseries.org

IMPRINT: I I P Iterative International Publishers

PREFACE

Book series on Medical Science gives the opportunity to students and doctors from all over the world to publish their research work in a set of Preclinical sciences, Internal medicine, Surgery and Public Health. This book series aim to inspire innovation and promote academic quality through outstanding publications of scientists and doctors. It also provides a premier interdisciplinary platform for researchers, practitioners, and educators to publish the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Medical Science. It also provides a remarkable opportunity for the academic, research and doctors communities to address new challenges and share solutions and discuss future research directions in the below field but not limited to

1. Surgery
2. Obstetrics
3. Pathology
4. Biomedical Sciences
5. Epidemiology and Public Health
6. Otolaryngology
7. Anaesthesia
8. Medicine
9. Paediatrics
10. Odontology
11. Odontology
12. Orthopaedic Medicine
13. Dermatology
14. Radiology
15. History of Medicine
16. Psychiatry
17. Neurological Sciences
18. Rheumatology and Rehabilitation
19. Ophthalmology
20. General Practice
21. Genito Urinary Medicine
22. Bioengineering
23. Health Informatics
24. Dental Surgery
25. Ayurveda
26. Unani
27. Homoeopathy

EDITORIAL BOARD MEMBERS

Dr Krunal Soni

Consultant Orthopaedic Surgeon
SAL Hospital Road, Memnagar
Ahmedabad

Ruby Dwivedi

Scientist
DHR-MRU Faculty of Dental Sciences Shahmina Road
Chowk Lucknow, Uttar Pradesh

Dr. Sushanta kumar Sahu

Associate Professor
Govt Ayurved college & Hospital
Tulsi Nagar Bolangir

PROF.DR. NILADRI MAITI

Associate Professor
Dean, School of Dentistry, Akfa University
School of Dentistry, Akfa University
Tashkent, Uzbekistan

Dr Parminder Kumar Moudgil

Ayurveda Consultant
Moudgil Clinic And Nursing Home
Sri waheguru road back side ATI Ludhiana punjab

Swati Chhabra

Assistant professor
Maharishi Markandeshwar college of dental sciences and research
Mullana, Ambala

Madhubala

Professor &Head

JCD Dental College

Sirsa (Haryana)

Dr Sandeep prabhu

Doctor

EKDANTA DENTAL CARE MNB

Heights Opp Goa Hotel Circle Gulbarga

CONTENTS

PART 1		Page No.
Chapter 1 SPACE-AGE TRENDS IN ANCIENT TOXICOLOGY: BLENDING AYURVEDA WITH MODERNITY.....		1-15
Chapter 2 PATENT DUCTUS ARTERIOSUS- A CONGENITAL HEART DEFECT AFFECTING NEWBORNS.....		16-21
Chapter 3 BIOMECHANICAL ANALYSIS OF POSTURE IN PHOTOGRAPHERS.....		22-29
Chapter 4 CRISPR IN DENTISTRY: A REVOLUTION IN ORAL HEALTH.....		30-36
Chapter 5 ROLE OF CANCER STEM CELLS IN RADIORESISTANCE OF HEAD AND NECK SQUAMOUS CELL CARCINOMA.....		37-45
Chapter 6 FUTURISTIC ROLE OF ARTIFICIAL INTELLIGENCE IN HUMAN ANATOMY.....		46-49
Chapter 7 PHYSIOTHERAPY ROLE IN PSORIASIS AND PSORIATIC ARTHRITIS..		50-72
Chapter 8 FUTURISTIC TRENDS IN MEDICAL SCIENCE- FROM THE EDITOR'S LENS!.....		73-79
Chapter 9 ARTIFICIAL INTELLIGENCE IN MODERN MEDICINE.....		80-89
Chapter 10 FUTURISTIC TRENDS IN ODONTOLOGY.....		90-100
PART 2		
Chapter 1 ANTIBIOTIC SUSCEPTIBILITY TEST.....		101-114
Chapter 2 RECENT INTRACANAL MEDICAMENTS IN ROOT CANAL TREATMENT.....		115-125

Chapter 3 A STRATERGIC APPROACH TO ENDODONTIC DIAGNOSIS WITH BASIC AND ADVANCED TRENDS.....	126-137
Chapter 4 TOOTH SEPARATION AND MATRICING: PAST, PRESENT AND FUTURE.....	138-148
Chapter 5 THE IRON HOMEOSTASIS HORMONE HEPCIDIN AS AN IMPORTANT INDICATOR OF ANEMIA	149-161
Chapter 6 RECENT ADVANCES IN ROOT CANAL SEALERS.....	162-167
Chapter 7 ARTIFICIAL INTELLIGENCE IN DENTISTRY.....	168-174
Chapter 8 VEXAS SYNDROME.....	175-177
Chapter 9 ADVANCES IN MAGNIFICATION.....	178-180



IIP Series is online, open access, peer-reviewed, interdisciplinary Journal. IIP Series provides a comprehensive solution for conferences and edited books that covers research topics across various scientific, technical, and medical disciplines. It aims at disseminating high-level research results and developments to researchers and research groups. It mainly focuses on presenting practical solutions for the current problems in Applied Sciences and Applied Social Sciences. It features original research work, reviews, case reports, tutorial papers, and accounts of practical developments.

Futuristic Trends in Medical Sciences

Volume 3 Book 14, 2024, IIP Series

ISBN : 978-93-6252-040-1



9 789362 520401