

1. Record Nr.	UNINA9910808979703321
Titolo	The scientific basis of urology // edited by Anthony R. Mundy, MS, FRCP, FRCS Professor of Urology, Institute of Urology and Nephrology, University College Hospital, London, UK, John M. Fitzpatrick, MCh, FRCSI, FRC(Urol), FRCSGlas, FRCS Professo
Pubbl/distr/stampa	New York : , : informa healthcare, , [2010]
ISBN	0-429-11026-X 1-84184-749-6 1-282-73060-6 9786612730603
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (602 p.)
Disciplina	616.6
Soggetti	Urology Genitourinary organs - Diseases
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 Cover; Preface; Contents; Contributors; Chapter 1 Introduction to Cell Biology; Chapter 2 The Cell and Cell Division; Chapter 3 Inflammation; Chapter 4 Immunology; Chapter 5 The Nature of Renal Function; Chapter 6 Principles of Radiological Imaging of the Urinary Tract; Chapter 7 Upper Urinary Tract Obstruction; Chapter 8 Interactive Obstructive Uropathy: Observations and Conclusions from Studies on Humans; Chapter 9 Urinary Tract Infection; Chapter 10 The Scientific Basis of Urinary Stone Formation; Chapter 11 Pathophysiology and Management of Shock; Chapter 12 Acute Renal Failure Chapter 13 Chronic Renal FailureChapter 14 Structure and Function of the Lower Urinary Tract; Chapter 15 Physiological Properties of the Lower Urinary Tract; Chapter 16 Scientific Basis of Urodynamics; Chapter 17 Scientific Basis of Male Hypogonadism; Chapter 18 Male Sexual Function; Chapter 19 The Prostate and Benign Prostatic Hyperplasia; Chapter 20 Genetic and Biological Alterations in Cancer; Chapter 21 General Biology of Cancer and Metastasis; Chapter 22 Tumor Suppressor Genes and Oncogenes; Chapter 23 The Molecular

Genetics and Pathology of Renal Cell Carcinoma

Chapter 24 Transitional Cell Carcinoma of the BladderChapter 25

Prostate Cancer; Chapter 26 Testis Cancer; Chapter 27 Radiotherapy:

Scientific Principles and Practical Application in Urological Malignancies;

Chapter 28 Principles of Systemic Cancer Therapy; Chapter 29

Embryology; Chapter 30 Urological and Biochemical Aspects of

Transplantation Biology; Chapter 31 Tissue Transfer in Urology;

Chapter 32 Energy Sources in Urology; Chapter 33 Instrumentation in

Urology; Chapter 34 Minimally Invasive Technologies in the Treatment

of Renal and Prostate Cancer

Chapter 35 Stratified Risk Assessment for Urological SurgeryChapter 36

Screening in Urology; Chapter 37 Evidence-Based Medicine; Index; A; B;

C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; X; Y; Z

Sommario/riassunto

Written specifically for urological trainees by a distinguished team of contributors, this third edition of *The Scientific Basis of Urology* provides the reader with a thorough coverage of urology. Every area, function, illness and treatment of the urinary tract, along with specific discussions of the relevant anatomy and physiology, is included in clearly written text, abundantly illustrated with full color photographs and diagrams. Each chapter takes the basic principles of its topic area and expands upon them to ensure maximum understanding. Entirely new chapters in the Third Edition: Genetic
