1. Record Nr. UNINA9910808997803321

Titolo	Advances in surgical pathology Bladder cancer / / [edited by] Qihui "Jim" Zhai [and three others]
Pubbl/distr/stampa	Philadelphia : , : Wolters Kluwer, , [2016] ©2016
ISBN	1-4963-2558-3
Descrizione fisica	1 online resource (568 pages) : illustrations
Collana	Advances in surgical pathology series
Disciplina	616.99/462
Soggetti	Bladder - Tumors - Pathophysiology Bladder - Tumors - Surgery
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 and index.
Nota di contenuto	Epidemiology and demographics of bladder cancer / Winston Tan -- Surgical considerations / Paul Young -- Radiation oncologists and bladder cancer patient care / Katherine Tzou, Steven Buskirk -- Normal histology and anatomy of urinary bladder and benign mimickers / Mukul K. Divatia, Sanghui Park, Jae Y. Ro -- Papillary urothelial lesions / Jennifer Merrimen, John Srigley -- Flat urothelial lesions / Carmen Perrino, Antonio Lopez-Beltran, Rodolfo Montironi, Robert E. Emerson, Liang Cheng -- Diagnosis of invasion and determination of the depth of invasion / Steven Christopher Smith and Mahul B. Amin -- Morphological variants of invasive urothelial carcinoma / Jim Zhai -- Urothelial pathology following therapy and procedure / Weisheng Xu, Guliz A. Barkan, Ming Zhou -- Adenocarcinoma / Charles Guo -- Squamous cell carcinoma of the urinary bladder and its variants / Kosuke Miyai, Mukul K. Divatia, Hussam Abu-Farsakh, Jae Y. Ro -- Neuroendocrine tumors / David Grignon -- Mesenchymal lesions of the urinary bladder / P. Rao and P. Tamboli -- Diagnostic immunohistochemistry / Qihui "Jim" Zhai -- Urine cytology : correlation with bladder biopsy / Aziza Nassar, Jordan P. Reynolds, Jun Zhang -- Urovysion for the detection of bladder cancer / Kevin C. Halling and Benjamin R. Kipp -- Current imaging techniques for the diagnosis, correlation with pathology and staging of bladder cancer / Sadhna Verma -- Molecular pathology of urinary bladder neoplasms / Ikjot

		Bhutani, Huaitao Yang, Richard W. Joseph, Sreeharsha Masineni -- Handling of radical cystectomy specimens / Mukul K. Divatia, Alberto G. Ayala, Jae Y. Ro -- Bladder cancer staging and reporting / Gabriela Quiroga-Garza, Mukul K. Divatia, Jae Y. Ro.
2.	Record Nr.	UNINA9910298295603321
	Titolo	Elucidation of Abiotic Stress Signaling in Plants : Functional Genomics Perspectives, Volume 1 / / edited by Girdhar K. Pandey
	Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
	ISBN	1-4939-2211-4
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (416 p.)
	Disciplina	570 571.2 571.32 571.6 581.35 630
	Soggetti	Plant genetics Plant physiology Plant anatomy Plants - Development Cytology Agriculture Plant Genetics and Genomics Plant Physiology Plant Anatomy/Development Cell Biology
	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 at the end of each chapters and index.
	Nota di contenuto	Towards understanding abiotic stress signaling in plants: convergence of genomics, transcriptomics, proteomics and metabolomics

approaches -- Molecular approaches in deciphering abiotic stress signaling mechanisms in plants -- Investigation of plant abiotic stress tolerance by proteomics and phosphoproteomics -- Role of cation/proton exchangers in abiotic stress signaling and stress tolerance in plants -- Decrypting Calcium Signaling in Plants: The Kinase Way -- CBL-mediated calcium signaling pathways in higher plants -- Redox regulated mechanisms: Implications for enhancing plant stress tolerance and crop yield -- Role of Mitogen activated Protein Kinase Cascade in Combating Abiotic Stress in Plants -- Small and large G proteins in biotic and abiotic stress response -- ABA Receptors: Prospects for Enhancing Biotic and Abiotic Stress Tolerance of Crops -- Emerging Roles of Auxin in Abiotic Stress Responses -- Biotic and Abiotic Stress Signaling Mediated by Salicylic Acid -- Methylglyoxal, Triose phosphate isomerase and Glyoxalase pathway: Implications in abiotic stress and signaling in plants -- Plant immunophilins: A protein family with diverse functions beyond protein folding activity -- Role of Plant Mediator Complex in Stress Response -- Towards understanding the transcriptional control of abiotic stress tolerance mechanisms in food legumes -- Insights into the small RNA mediated networks in response to abiotic stress in plants -- The Role of Long Non-coding RNAs in abiotic stress tolerance in plants -- Molecular physiology of heat Stress Responses in Plants -- The Omics of cold stress responses in plants -- Drought stress responses and signal transduction in plants -- Physiological and molecular mechanisms of flooding tolerance in plants -- Salt Adaptation Mechanisms of Halophytes: Improvement of Salt Tolerance in Crop Plants -- UV-B Photoreceptors, their role in photosignaling, physiological responses and abiotic stress in plants -- Analysis of signaling pathways during heavy metal toxicity: A functional genomic perspective -- Nitrogen and Stress -- Signaling pathways in eukaryotic stress, aging and senescence: Common and distinct pathways -- Designing climate smart future crops employing signal transduction components -- Abiotic Stress in Crops: Candidate Genes, Osmolytes, Polyamines and Biotechnological Intervention -- Abiotic stress tolerance and sustainable agriculture: A functional genomic perspective.

Sommario/riassunto

In this volume, several world leaders in plant biology provide insight into ‘Stress Signaling’ in plants with a special emphasis on functional genomics aspects. This book utilizes state-of-the-art research in the field of stress mediated signaling to develop a better and holistic understanding of stress perception, its transduction followed by the generation of response. In spite of the advent of different approaches to devise strategies for developing stress tolerant crops towards multiple stress conditions in the field, the success in achieving this goal is still unsatisfactory. Stress tolerance is a very complex process-involving plethora of components starting from stress sensing to generation of final adaptive response. There are several factors, which act as nodes and hubs in the signaling pathways, also serving as master-control switches in regulating a myriad of stress signaling pathways by affecting diverse target genes or gene products to finally bring-about a stress tolerance response. Therefore, in-depth understanding of these master-control switches and key-components in signal transduction pathway will be highly beneficial for designing crop plants tolerant to multiple stresses in the field.