1. Record Nr. UNICAMPANIASUN0123368

Autore	Zhang, Zhongqiang
Titolo	Numerical methods for stochastic partial differential equations with white noise / Zhongqiang Zhang, George Em Karniadakis
Pubbl/distr/stampa	xv, 394 p., : ill. ; 24 cm
Edizione	[Cham : Springer, 2017]
Descrizione fisica	Pubblicazione in formato elettronico
Altri autori (Persone)	Karniadakis, George Em
Soggetti	65Mxx - Numerical methods for partial differential equations, initial value and time-dependent initial-boundary value problems [MSC 2020] 65Qxx - Numerical methods for difference and functional equations, recurrence relations [MSC 2020] 65Cxx - Probabilistic methods, stochastic differential equations [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910830629903321

Titolo	Acetaldehyde-related pathology [[electronic resource]] : bridging the trans-disciplinary divide / / [chair, Peter Emery]
Pubbl/distr/stampa	Chichester ; ; Hoboken, N.J., : John Wiley, 2007
ISBN	1-280-85598-3 9786610855988 0-470-51184-2 0-470-51183-4
Edizione	[8th ed.]
Descrizione fisica	1 online resource (287 p.)
Collana	Novartis Foundation symposium ; ; 285
Altri autori (Persone)	EmeryPeter <1953-> ChadwickDerek GoodeJamie
Disciplina	615.952
Soggetti	Acetaldehyde - Toxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Editors: Derek J. Chadwick and Jamie Goode.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Acetaldehyde-Related Pathology: Bridging the Trans-Disciplinary Divide; Contents; Chair's introduction; Acetaldehyde generating enzyme systems: roles of alcohol dehydrogenase, CYP2E1 and catalase, and speculations on the role of other enzymes and processes; Removal of acetaldehyde from the body; Acetaldehyde, polymorphisms and the cardiovascular system; Acetaldehyde and alcoholic cardiomyopathy: lessons from the ADH and ALDH2 transgenic models; Interrelationship between alcohol, smoking, acetaldehyde and cancer; Effects of acetaldehyde on human airway constriction and inflammation The role of acetaldehyde in alcohol-associated cancer of the gastrointestinal tractThe determination of acetaldehyde in exhaled breath; Ethanol and acetaldehyde: in vivo quantitation and effects on cholinergic function in rat brain; Pharmacological treatments and strategies for reducing oral and intestinal acetaldehyde; Alcoholic myopathy and acetaldehyde; Acetaldehyde adducts in circulation; General discussion; Pancreatic MAP kinase pathways and acetaldehyde; Acetaldehyde alters MAP kinase signalling and epigenetic histone modifications in hepatocytes

	Endogenous a-oxoaldehydes and formation of protein and nucleotide advanced glycation endproducts in tissue damageMeasurement of acetaldehyde: what levels occur naturally and in response to alcohol?; Final discussion; Contributors Index; Subject index
Sommario/riassunto	Part of the prestigious Novartis Foundation, this is the first book to review the pathology associated with acetaldehyde, a known toxic agent found in cigarette smoke and other pollutants and derived from ingested alcohol, amongst other sources. In the body, acetaldehyde affects several tissues, particularly the brain and liver, causing various diseases, including cancer, alcoholic liver disease and Alzheimer's. Acetaldehyde-Related Pathology describes the toxic effects of acetaldehyde at the tissue and cellular levels, reviewing enzyme biochemistry, transgenic mouse models of