

1. Record Nr.	UNINA9910583459003321
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Titolo	Alcohol, drugs, genes and clinical laboratory : an overview for healthcare and safety professionals // Amitava Dasgupta, McGovern Medical School, The University of Texas, Health Science Center at Houston, Houston, TX, USA
Pubbl/distr/stampa	London : , : Academic Press, , [2017] 2017
Descrizione fisica	1 online resource (x, 226 pages) : illustrations
Collana	Gale eBooks
Disciplina	615.78
Soggetti	Substance abuse - Genetic aspects Alcoholism Alcoholism - Genetic aspects Drinking of alcoholic beverages Drug abuse Drug abuse - Genetic aspects Drug testing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. Alcohol a double-edged sword -- 2. Drugs of abuse -- 3. Designer drugs including bath salts and spices -- 4. Combined alcohol and drug abuse -- 5. Link between environmental factors, personality factors, and addiction -- 6. Genetic polymorphisms of alcohol metabolizing enzymes associated with protection from or increased risk of alcohol abuse -- 7. Pharmacogenomics of abused drugs -- 8. Association between polymorphisms in genes encoding various receptors, transporters, and enzymes and alcohol/drug addiction -- 9. Methods of alcohol measurement -- 10. Laboratory methods for measuring drugs of abuse in urine -- 11. Analysis of drug abuse in serum, hair, oral fluid, sweat and meconium.
Sommario/riassunto	This book provides an overview and quick reference to genetic relationships and clinical laboratory information related to the serious

public health issue of alcohol and drug abuse. It discusses the necessary information for health and safety professionals working in public health to learn about complex issues quickly to better help their patients, employees, and others affected by alcohol and drug abuse.
