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Nota di contenuto	Part I THE EVOLVING DOPING SCENARIO -- The Evolution of Performance-Enhancing Drug Use in Sport -- Contamination of Sports Supplements with Novel Psychoactive Substances: An Old History with New Players! -- Untested Supplement Use Among Athletes: An Overlooked Phenomenon? -- Challenges Posed by Gene Manipulations and Sport Performance -- PART II NAVIGATING IN A DIFFICULT REGULATORY ENVIRONMENT -- The 'Forced' Union of Science and Law -- International Drug Control: Protecting the Health of the Athlete -- Tackling New Forms of Doping: The Legal Challenges -- PART III

TOWARDS A DOPING SOCIETY? -- Olympism and the Idea of Anti-doping: Between the Thick and Thin Interpretations of Sporting Progress -- Emerging Trends in Doping: Investigations and Field Operations -- Anti-doping Stories Narrated by a Law Enforcement Investigator – Mind the “Good Guys”! -- The Performance Enhanced: Clinical Relationships Between Performance- and/or Image-Enhancing Drugs, Physical Exercise and Mental Disorders -- "PART IV WINNING AT ANY COST: DOPING EXPERIENCES OF WORLD-CLASS ATHLETES" -- Faster and Dirtier for Russia: The Story of Yuliya Stepanova -- Is It Worth Winning a Race if You Lose Yourself in the Process? An Interview with Olympic Champion Tyler Hamilton -- A Hammer Thrower's Journey with Doping: Being the Phoenix of My Own Life -- To Take or Not to Take? Why I Chose to Stay Clean -- PART V TRUTH IN THE TEST TUBES? -- Forensic Analysis of Seized Drugs -- Analysis of New Chemical Entities in a Sport Context -- Hair Testing of Doping Agents: Potential and Limitations -- PART VI THE NEXT CHALLENGE -- What Will the Next Challenges Be? .

Sommario/riassunto

Athletes are always aiming to be faster, better, stronger. New techniques to enhance their sporting performance have increasingly been linked to use of novel psychoactive substances (NPS) and other hard-to-detect substances like performance-enhancing drugs. This book offers a timely analysis of the new challenges posed by this phenomenon in the anti-doping community. The authors present the first comprehensive perspective on the rapidly shifting doping scenario and reflect on use, regulation, policy, and market structure of NPS used in sports. They highlight the challenges with the list of prohibited substances and methods in and out of competition. They also evaluate how methods to detect new drugs present an ongoing battle for doping control as they have to be adapted constantly. Topics covered within the chapters include: Contamination of Sports Supplements with Novel Psychoactive Substances Untested Supplement Use Among Athletes: An Overlooked Phenomenon? International Drug Control: Protecting the Health of the Athlete Analysis of New Chemical Entities in a Sport Context Emerging Drugs in Sport establishes a clear benchmark on the policy discussion, drawing from available evidence and sources, including athletes' personal experiences, to generate a fact-based resource that informs a research as well as wider audience. The book is essential reading for those working in anti-doping, substance misuse, sports, ethics, and human enhancement. It also is useful for policy-makers, legislative personnel, and other professionals with an interest in protecting clean sport. “Doping is one of the greatest threats to the integrity of sport. We must never be tempted to turn our back on the problem and hope it will disappear. The benefits and values of clean sport have never been more important to the world. That is why this book with its wide-ranging approach is so valuable.” Thomas Bach, President, International Olympic Committee “Physical activity is vital to a healthy living, which is why doping is not just an assault on fair competition, but also on health. I strongly commend this book for compiling advanced knowledge on performance-enhancing drugs and promoting health through sport.” Tedros Adhanom Ghebreyesus, Director-General, World Health Organization.