

# genetically modified athletes

Genetic ethics, gene doping and sport  
Andy Smith



# Genetically Modified Athletes Biomedical Ethics Gene Doping And Sport

**Jonathan G. Merritt**



## **Genetically Modified Athletes Biomedical Ethics Gene Doping And Sport:**

**Genetically Modified Athletes** Andy Miah, 2004-08-02 This is the first book to examine the profound ethical issues raised by the use of genetic technologies in sports asking whether sporting authorities can or even should protect sport from genetic modification

**Gene Doping in Sports** Angela J. Schneider, 2006-03-14 Advances in genetics have begun to deliver on their promise of new and improved approaches to the prevention and treatment of human disease including the gene based therapeutics The international sports community has begun to recognize the potential harmful use of gene transfer technology by athletes The task of monitoring and controlling sports doping must be a truly cooperative effort involving the cooperation of a range of local national and international organizations There are very serious broad social and ethical issues at stake that relate to our definition of sports and its role in our society as well as the social and ethical principles that are challenged or breached through sport doping determining which forms of performance enhancement in sport or any other realm of human activity are acceptable and what makes the enhancement of sport performance different from enhancement in other areas of human activity e g cosmetic surgery mood and learning enhancement through drugs and drug based treatment of physical and intellectual changes in normal aging process This book tackles all these issues and more serving as the first such focused treatment of this increasingly important topic which has broad based implications for science medicine sports and society

**The Ethics of Sports Technologies and Human Enhancement** Thomas H. Murray, Voo Teck Chuan, 2020-07-26 This volume presents articles which focus on the ethical evaluation of performance enhancing technologies in sport The collection considers whether drug doping should be banned the rationale of not banning ethically contested innovations such as hypoxic chambers and the implications of the prospects of human genetic engineering for the notion of sport as a development of natural talent towards human excellence The essays demonstrate the significance of the principles of preventing harm ensuring fairness and preserving meaning to appraise whether a particular performance enhancer is acceptable in the context of sport Selected essays on various forms of human enhancement outside of sport that highlight other principles and concepts are included for comparative purpose Sport enhancement provides a useful starting point to work through the ethics of enhancement in other human practices and endeavors and sport enhancement ethics should track broader bioethical debates on human enhancement As a whole the volume points to the need to consider the values and meanings that people seek in a given sphere of human activity and their associated principles to arrive at a morally grounded and reasonable approach to enhancement ethics

**Bioethics, Genetics and Sport** Silvia Camporesi, Mike McNamee, 2018-04-09 Advances in genetics and related biotechnologies are having a profound effect on sport raising important ethical questions about the limits and possibilities of the human body Drawing on real case studies and grounded in rigorous scientific evidence this book offers an ethical critique of current practices and explores the intersection of genetics ethics and sport Written by two of the world's leading authorities on the ethics of biotechnology in

sport the book addresses the philosophical implications of the latest scientific developments and technological data Distinguishing fact from popular myth and science fiction it covers key topics such as the genetic basis of sport performance and the role of genetic testing in talent identification and development Its ten chapters discuss current debates surrounding issues such as the shifting relationship between genetics sports medicine and sports science gene enhancement gene transfer technology doping and disability sport The first book to be published on this important subject in more than a decade this is fascinating reading for anyone with an interest in the ethics of sport bioethics or sport performance

**Phenomenological Approaches to Sport** Irena Martínková, Jim Parry, 2013-09-13 The study of sport is often thought of simply in terms of the sport sciences This book explains how a phenomenological approach is capable of revealing the nature and meanings of sport in ways that are beyond the reach of the sciences and how the very concepts required by sport science stand in need of philosophical explanation The book has a didactic intention seeking to present and discuss ideas and tools developed in the phenomenological tradition in order to illuminate issues in sport in such a way as to be understandable for those without any previous knowledge or background There are clear and straightforward accounts of the ideas of central thinkers such as Husserl Heidegger Merleau Ponty and Pato ka and applications of central ideas to the analysis of particular issues such as the nature of risk sports the feint in football the problem of the instant replay the role of the sport psychologist the idea of bodily perception and the concept of transhumanism in relation to performance enhancement This book was originally published as a special issue of Sport Ethics and Philosophy

*Regulating Sport for the Non-Human Athlete* Jonathan G. Merritt, 2018-11-01 This book evaluates the status quo of integrity management within sports that involve horses worldwide Sports governing bodies and international sports federations are very powerful organisations within their sphere and the governance of these sports has created a hegemony which does not necessarily serve the interests of those engaged in sport rather those who rule sport This book investigates the question of whether cheating is discouraged and fair play rewarded both to an adequate degree

*Neuroscience and Religion* Volney P. Gay, 2009-01-01 This is a unique set of multidisciplinary reflections on how the neurosciences shape our understanding of religious experience and religious institutions Twelve scholars and scientists assess how advances in the neurosciences affect our traditional sense of mind self and soul

*Bioethics in the Age of New Media* Joanna Zylińska, 2009-03-20 An examination of ethical challenges that technology presents to the allegedly sacrosanct idea of the human and a proposal for a new ethics of life rooted in the philosophy of alterity Bioethical dilemmas including those over genetic screening compulsory vaccination and abortion have been the subject of ongoing debates in the media among the public and in professional and academic communities But the paramount bioethical issue in an age of digital technology and new media Joanna Zylińska argues is the transformation of the very notion of life In this provocative book Zylińska examines many of the ethical challenges that technology poses to the allegedly sacrosanct idea of the human In doing so she goes beyond the traditional understanding of bioethics as a matter for

moral philosophy and medicine to propose a new ethics of life rooted in the relationship between the human and the nonhuman both animals and machines that new technology prompts us to develop After a detailed discussion of the classical theoretical perspectives on bioethics Zylinska describes three cases of bioethics in action through which the concepts of the human animal and life are being redefined the reconfiguration of bodily identity by plastic surgery in a TV makeover show the reduction of the body to two dimensional genetic code and the use of biological material in such examples of bioart as Eduardo Kac s infamous fluorescent green bunny Zylinska addresses ethics from the interdisciplinary perspective of media and cultural studies drawing on the writings of thinkers from Agamben and Foucault to Haraway and Hayles Taking theoretical inspiration in particular from the philosophy of alterity as developed by Jacques Derrida Emmanuel Levinas and Bernard Stiegler Zylinska makes the case for a new nonsystemic nonhierarchical bioethics that encompasses the kinship of humans animals and machines Handbook of Bioethical Decisions. Volume I Erick Valdés, Juan Alberto Lecaros, 2023-06-14

The Handbook of Bioethical Decisions is aimed at addressing and analyzing the most important ethical concerns and moral quandaries arisen in biomedical and scientific research As such it identifies and problematizes on a comprehensive range of ethical issues researchers must deal with in different critical contexts Thus the Handbook Vol I may be helpful for them to make decisions and deliberate in complex practical scenarios In this fashion the volume reunites different points of view to give readers room enough to get a better knowledge and take their own position on pressing bioethical issues of the day Consequently this work seeks to engender dense ethical epistemology scientists can count on when conducting latest generation biomedical research By bringing together an impressive array of contributions on the most important elements and categories for at the bench bioethical decisions as well as offering chapters by some of the most world renowned and prominent experts in bioethics the Handbook Vol I is a paradigmatic text in its area and a valuable resource for courses on bioethics and biomedical research as well as courses that discuss ethics and the biosciences at different professional levels biomedical industry pharmacological companies and the public sphere in general **Managing Drugs in Sport** Jason

Mazanov, 2016-10-04 As ongoing high profile drug scandals have demonstrated sports organisations rarely have a coherent strategy to manage the role and relationship their sport has with different types of drugs from alcohol to supplements to prescription drugs to doping This important and timely book argues that drug control led integrity management of sport is more than an ideological battle around doping The relationship sport has with the drugs industry has become a much broader management problem The breadth of the problem compels stakeholders in sport including athletes coaches fans public servants and sports managers to understand better the issues in pursuit of effective strategies and responses Drawing on cutting edge management theory this book explores the dilemma of drugs in sport It introduces the policy and business contexts that have shaped responses to this issue and examines its significance to sport and integrity management including human resource management marketing and risk management It discusses practical management concerns such as working

with scientists and anti doping organisations and offers clear recommendations for the future management of sports integrity The first book to offer a complete framework for a drugs management strategy for sport **Managing Drugs in Sport** is essential reading for all advanced students researchers and practitioners working in sport management sport business sport policy sport governance and business ethics **Commonwealth Caribbean Sports Law** Jason Haynes,J. Tyrone

Marcus,2019-01-15 Sports Law has quickly developed into an accepted area of academic study and practice in the legal profession globally In Europe and North America Sports Law has been very much a part of the legal landscape for about four decades while in more recent times it has blossomed in other geographic regions including the Commonwealth Caribbean This book recognizes the rapid evolution of Sports Law and seeks to embrace its relevance to the region This book offers guidance instruction and legal perspectives to students athletes those responsible for the administration of sport the adjudication of sports related disputes and the representation of athletes in the Caribbean It addresses numerous important themes from a doctrinal socio legal and comparative perspective including sports governance sports contracts intellectual property rights and doping in sport among other thought provoking issues which touch and concern sport in the Commonwealth Caribbean As part of the well established Routledge Commonwealth Caribbean Law Series this book adds to the Caribbean centric jurisprudence that has been a welcome development across the region With this new book the authors assimilate the applicable case law and legislation into one location in order to facilitate an easier consumption of the legal scholarship in this increasingly important area of law Athletic Enhancement, Human Nature and Ethics Jan

Tolleneer,Sigrid Sterckx,Pieter Bonte,2012-12-09 The book provides an in depth discussion on the human nature concept from different perspectives and from different disciplines analyzing its use in the doping debate and researching its normative overtones The relation between natural talent and enhanced abilities is scrutinized within a proper conceptual and theoretical framework is doping to be seen as a factor of the athlete s dehumanization or is it a tool to fulfill his her aspirations to go faster higher and stronger Which characteristics make sports such a peculiar subject of ethical discussion and what are the both intrinsic and extrinsic moral dangers and opportunities involved in athletic enhancement This volume combines fundamental philosophical anthropological reflection with applied ethics and socio cultural and empirical approaches Furthermore guidelines will be presented to decision and policy makers on local national and international levels Zooming in on the intrinsic issue of what is valuable about our homo sapiens biological condition this volume devotes only scant attention to the specific issue of natural talent and why such talent is appreciated so differently than biotechnological origins of ability In addition specific aspects of sports such as its competitive nature and its direct display of bodily prowess provide good reason to single out the issue of natural athletic talent for sustained ethical scrutiny **Sports and**

**Christianity** Nick J. Watson,Andrew Parker,2013 This interdisciplinary text examines the sports Christianity interface from Protestant and Catholic perspectives In addition to a systematic review of literature field pioneering contributors such as

Michael Novak Shirl Hoffman Joseph Price and Robert Higgs address a wide range of topics from the sporting world including biblical athletic metaphors disability evangelism professionalism and celebrity humility and pride genetic enhancement technologies stereotypes sport as art and British and American historical analyses of sport and Christianity Insightful chapters from Scott Kretchmar one of the world's leading philosophers of sport and Father Kevin Lixey the head of the Vatican's Church and Sport office 2004 add further depth and breadth to this book making it accessible and interesting to academic and practitioner audiences alike Within the context of this relatively new and rapidly expanding area of inquiry this collection provides a unique and important addition to the current literature for both undergraduate and postgraduate students and serves as a point of reference for scholars of theology and religious studies psychology health studies ethics and sports studies The book may also be of interest to physical educators and sports coaches who wish to adopt a more holistic and ethical approach to their work As modern sport is often intertwined with commercial and political agendas this book offers an important corrective to the win at all costs culture of modern sport which cannot be fully understood through secular ethical inquiry

**Key Concepts in Sport Management** Dr. Terri Byers, Trevor Slack, Milena Parent, 2012-08-16 An accessible and different guide for students and practitioners alike I'm sure that it will become a standard reference text for sports management Peter Taylor Sport Industry Research Centre Sheffield Hallam University A must have introductory reference guide for graduate and undergraduate sport management students Paul M Pedersen Indiana University Provides students practitioners and researchers in the field of sport management with a valuable compilation of sensitizing concepts definitions and interesting references Michel van Slobbe European Sport Management Quarterly Sharp clear and relevant this book meets the needs of those studying and researching within the growing discipline of sport management The intelligently cross referenced entries provide a concise overview of the key concepts in the field guiding you through the important debates sources and research methods in the management and delivery of sport The book introduces readers to the concepts at the centre of their studies it suggests relevant further reading and thoughts for future research and applies academic theory to business and organizational problems in a real world context Written for students academics and practitioners the entries are designed to meet study needs and include Clear definitions Comprehensive examples Practical applications Effective research methods

*On Sport and the Philosophy of Sport* Graham McFee, 2015-05-22 What is the philosophy of sport What does one do to count as a practitioner in the philosophy of sport What conception of philosophy underpins the answer to those questions In this important new book leading sport philosopher Graham McFee draws on a lifetime's philosophical inquiry to reconceptualise the field of study The book covers important topics such as Olympism the symbolisation of argument and epistemology and aesthetics in sport research and concludes with a section of applied sport philosophy by looking at rules and officiating Using a Wittgensteinian framework and employing a rich array of sporting examples throughout McFee challenges the assumptions of traditional analytic philosophy regarding the completeness

required of concepts and the exceptionlessness required of philosophical claims providing the reader with a new set of tools with which to approach this challenging subject On Sport and the Philosophy of Sport is fascinating and important reading for any serious students or researchers of sport philosophy

**Towards a Social Science of Drugs in Sport** Jason Mazanov, 2013-09-13 The debate around the role of drugs in sport is vibrant There is a wealth of evidence from the hard end of science telling us how drugs work how drug testing works and how many athletes have fallen foul of the system The evidence from social science is still building momentum For example what makes an athlete use a performance enhancing substance To win simply fails to explain the drug use behaviour we see among athletes This book provides a foundation for anyone trying to understand the drugs in sport problem beyond the hard science by looking at the people factor from different perspectives After building a case for the social science of drugs in sport it is examined from the ethical sociological economic legal and psychological points of view The book concludes with a definitive statement about what researchers policy makers sports administrators athletes and fans can do to achieve a social science of drugs in sport that puts people firmly in the centre of the debate This volume was published as a special issue of Sport in Society

**Sport, Technology and the Body** Tara Magdalinski, 2009-01-13 What is the nature of athletic performance This book offers an answer to this fascinating question by considering the relationship between sport technology and the body Specifically it examines cultural resistance to the enhancement of athletes and explores the ways in which performance technologies complicate and confound our conception of the sporting body The book addresses concerns about the technological invasion of the natural body to investigate expectations that athletic performances reflect nothing more than the actual capacity of the untainted athlete By examining a series of case studies including Paralympic sprinter Oscar Pistorius Fastskin swimsuits hypoxic chambers and an array of illicit substances and methods the book distinguishes between internal and external technologies to highlight the ways that performance enhancement and public reaction to it can be read Sport Technology and the Body offers a powerful challenge to conventional views of athletic performance that stand authenticity against artifice integrity against corruption and athletic purity against technological intrusion It is essential reading for all serious students of the sociology culture or ethics of sport

**Phenomenology and Pedagogy in Physical Education** Oyvind Standal, 2016-01-29 Phenomenology is a philosophical approach to the study of consciousness and subjective experience In recent years it has become a more prominent element of the social scientific study of sport and a core component of the important emergent concept of physical literacy This book is the first to offer a philosophically sound investigation of phenomenological perspectives on pedagogy in physical education The book argues that phenomenology offers a particularly interesting theoretical approach to physical education because of the closely embodied relationship between the knowledge object the actions activities and practices of movement and the knowing subject the pupil Drawing on the work of key phenomenological thinkers but also exploring the implications of this work for teaching practice the book helps to illuminate



our understanding of important concepts in physical education such as practical knowledge skill acquisition experience and ethics This is fascinating reading for any serious student or researcher working in physical education or the philosophy or sociology of sport     Sport and Art Andrew Edgar,2016-04-08 Sport and Art explores relationship of sport to art It does not argue that sport is one of the arts but rather that sport and art hold common ground Both are ways in which humans confront philosophical challenges though they do this through very different media While art deploys sensual media such as paint or sound sport is the pursuit of a physical challenge at which the athlete may fail This is to propose in an argument that has its roots in Hegel s aesthetics that sport may be interpreted as a way of reflecting upon metaphysical and normative issues such as the nature of human freedom fate and chance and even our sense of space and time This argument is developed by proposing the concept of a sportworld an atmosphere of theory and a knowledge of history through which an event is interpreted and thereby constituted as sport Ultimately Sport and Art argues that in order to be truly appreciated sport must be understood within a modernist aesthetics That is to say that sport is not about beauty but rather about the struggle to find meaning in sporting triumph and crucially sporting failure This book was published as a special issue of Sport Ethics and Philosophy     Exercise and Eating Disorders Simona Giordano,2010-04-06 This book addresses the close links between EDs and exercise helping us to understand why people with ED typically exercise to excessive often harmful levels This is also the first book to examine this issue from an ethical and legal perspective identifying the rights and responsibilities of people with EDs their families and the fitness professionals and clinicians that work with them

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