

# British Journal of Sports Medicine publishes original research, reviews and debate relating to clinically-relevant aspects of sport and exercise medicine

## Associate Editors

Aaron Baggish (USA)  
Rintje Agricola (Netherlands)  
Hakan Alfredson (Sweden)  
Sandra Anderson (Australia)  
Frank Backx (Netherlands)  
Hilde Berg (Norway)  
Anthony Beutler (USA)  
Michael Borich (New Zealand)  
Jeff Boyle (Australia)  
Sonia Branci (Denmark)  
Michael Callaghan (UK)  
Timothy Caulfield (Canada)  
Cindy Chang (USA)  
Malcolm Collins (South Africa)  
Phillip Conaghan (UK)  
Chad Cook (USA)  
Paul Dijkstra (Qatar)  
Richard Frobell (Sweden)  
Ann Gates (UK)  
David Gerrard (New Zealand)  
Steffan Griffen (UK)  
Alison Grimaldi (Australia)  
Kevin Guskiewicz (USA)  
Martin Hägglund (Sweden)  
Felipe Hardt (Brazil)  
Robert Herbert (Australia)  
Arnaldo Hernandez (Brazil)  
Paul Hodges (Aus)  
Per Hölmich (Denmark)  
Christiane Hoppmann (Canada)  
Alex Hutchinson (Canada)  
Teppo Jarvinen (Finland)  
Gwen Jull (Aus)  
Pekka Kannus (Finland)  
Joanne Kemp (Australia)  
Greg Kolt (Australia)  
Andre La Gerche (Australia)  
Michael Loosemore (UK)  
Finn Mahler (Switzerland)  
Michael Makdissi (Australia)  
Nikos Malliaropoulos (Greece)  
Jodie McClelland (Australia)  
Robert McCormack (Canada)  
Stella McDonald (Australia)  
Harvard Moksnes (Norway)  
Lorimer Moseley (Aus)  
Greg Myer (USA)  
Aurelia Nattiv (USA)  
Brian Noehren (USA)  
Moira O'Brien (Ireland)  
Kieran O'Sullivan (Ireland)  
Peter O'Sullivan (Australia)  
Edouard Pascal (France)  
Fabio Pigozzi (Italy)  
Yannis Pitsiladis (UK)  
Nebojsa Popovic (Qatar)  
Craig Purdam (Australia)  
Sebastien Racinais (Qatar)  
Craig Ranson (UK)  
Michael Rathleff (Denmark)  
Charles Ratzlaff (Canada)  
Michael Reiman (USA)  
Guus Reurink (Netherlands)  
Ebonie Rio (Aus)  
William Roberts (USA)  
Frank Roemer (Germany)  
Anthony Schanche (Australia)  
Martin Schwellnus (South Africa)  
Alexander Scott (Canada)  
James Selfe (UK)  
Ian Shrier (Canada)  
Karin Silbernagel (USA)  
Graham Smith (UK)  
Steven Stovitz (USA)  
Roland Thomee (Sweden)  
Kristian Thorborg (Denmark)  
Ross Tucker (South Africa)  
Michael Turner (UK)  
Robb van Linschoten (Qatar)  
Willelem van Mechelen (Netherlands)  
Stuart Warden (USA)  
Nick Webborn (UK)  
Fiona Wilson (UK)  
Adam Weir (Qatar)

## IPHP Editorial Board

Juan Manuel Alonso (Spain)  
Richard Budgett (UK)  
Don Catlin (USA)  
Caroline Finch (Australia)  
Philippe Connes (French West Indies)  
Ken Fitch (Australia)  
Claude-Louis Gallien (France)  
Peter Jenoure (Switzerland)  
Margo Mountjoy (Canada)  
Antonio Pellicia (Italy)  
Mark Stuart (UK)  
Jack Taunton (Canada)

## Continental Representatives

Chris Milne (Oceania)  
Klaus Steinbach (Europe)  
Eduardo de Rose (Americas)  
Manikavasagam Dato Jegathesan (Asia)  
Constant Roux (Africa)

## Editor at Large

Paul McCrory (Australia)

## PEDro Editor

Catherine Sherrington (Australia)



## Editor

Karim Khan (Qatar)

## Deputy Editors

Jill Cook (Australia)  
Babette Pluim (Netherlands)

## IPHP Editors

Lars Engebretsen (Norway)  
Kathrin Steffen (Norway)

## Chair of IOC Medical Commission

Ugur Erdener (Turkey)

## Senior Associate Editors

Julia Alleyne (Canada)  
Clare Ardern (Australia)  
Roald Bahr (Norway)  
Mario Bizzini (Switzerland)  
Steven Blair (USA)  
Peter Brukner (Aus)  
Mats Borjesson (Sweden)  
Patho Cele-Zondo (South Africa)  
Ann Cools (Belgium)  
Kay Crossley (Aus)  
Jennifer Davis (Canada)  
Robert-Jan de Vos (Netherlands)  
Michiko Dohi (Japan)  
Jon Drezner (USA)  
Jane Dunbar (UK)  
Jiri Dvorak (Switzerland)  
Jan Ekstrand (Sweden)  
Bruce Forster (Canada)  
Anna Frohm (Sweden)  
Philip Glasgow (UK)  
Kim Harmon (USA)  
David Hughes (Australia)  
Mark Hutchinson (USA)  
Elizabeth Joy (USA)  
Jon Karlsson (Sweden)  
Michael Kjaer (Denmark)  
Karen Kotila (Denmark)  
I-Min Lee (USA)  
Dawn Mackey (Canada)  
Paul McCrory (Australia)  
Adam Meakins (UK)  
Chris Milne (New Zealand)  
Trine Moholdt (Norway)  
Margo Mountjoy (Canada)  
Timothy Noakes (South Africa)  
Neville Owen (Aus)  
Jon Patricios (South Africa)  
Nicola Phillips (UK)  
Anthony Schneiders (New Zealand/Aus)

Olaf Schumacher (Qatar)

Catherine Sherrington (Australia)

Eleanor Tillett (UK)

Hans Tol (Netherlands)

Stewart Trost (Australia)

Evert Verhagen (Netherlands)

Bill Vicenzino (Australia)

Markus Waldén (Sweden)

Adam Weir (Qatar)

Eva Birkelund (Norway)

Liam West (UK)

Mathew Wilson (Qatar)

## IPHP Senior Associate Editors

Roald Bahr (Norway)  
Jiri Dvořák (Switzerland)  
Caroline Finch (Australia)  
Tim Hewett (USA)  
Astrid Junge (Germany)  
Michael Kjær (Denmark)  
Tron Krosshaug (Norway)  
Gordon Matheson (USA)  
Winne Meeuwisse (Canada)  
Grethe Myklebust (Norway)  
Per Renström (Sweden)  
Martin Schwellnus (South Africa)

The editorial board members can be viewed online at <http://bjsm.bmj.com/site/about/edboard.xhtml>

## Contact Details

### Editorial Office

British Journal of Sports Medicine  
BMJ Publishing Group, BMA House  
Tavistock Square, London WC1H 9JR, UK  
T: +44 (0)20 7383 6909  
E: [bjsm@bmj.com](mailto:bjsm@bmj.com)

### Production editor

Malcolm Smith  
E: [production.bjsm@bmj.com](mailto:production.bjsm@bmj.com)

### Permissions

<http://group.bmj.com/group/rights-licensing/permissions>

### Supplement Enquiries

T: +44 (0)20 7383 6088  
E: [journals@bmj.com](mailto:journals@bmj.com)

### Subscriptions

T: +44 (0)20 7111 1105  
E: [support@bmj.com](mailto:support@bmj.com)

### Display Advertising Sales

Mark Moran (Sales Manager)  
T: +44 (0)20 7383 6783  
E: [mmoran@bmj.com](mailto:mmoran@bmj.com)  
<http://group.bmj.com/group/advertising>

### Online Advertising Sales

Marc Clifford (Sales Manager)  
T: +44 (0)20 7383 6161  
E: [mclifford@bmj.com](mailto:mclifford@bmj.com)  
<http://group.bmj.com/group/advertising>

### Display & Online Advertising Sales (USA)

Jim Cunningham  
T: +1 201 767 4170  
E: [jcunningham@cunnasso.com](mailto:jcunningham@cunnasso.com)

### Author Reprints

Dennis Barber  
T: +44 (0)20 7383 6305  
E: [admin.reprints@bmj.com](mailto:admin.reprints@bmj.com)

### Commercial Reprints (except USA & Canada)

Nadia Gurney-Randall  
T: +44 (0)20 8445 5825  
M: 07866 262344  
E: [ngurneyrandall@bmj.com](mailto:ngurneyrandall@bmj.com)

### Commercial Reprints (USA & Canada)

Marsha Fogler  
T: +1 800 482 1450 (toll free in the USA)  
T: +1 856 489 4446 (outside the USA)  
E: [mfogler@bmj.com](mailto:mfogler@bmj.com)

### British Association of Sport and Exercise Medicine

Suite 1C, Hutton Business Centre, Bentley Road,  
Bentley, Doncaster DN5 9QP  
T: +44 (0)1302 822300  
E: [basemcentral@basem.co.uk](mailto:basemcentral@basem.co.uk)