

Preliminary Programme



ROMA

27-30 September
2012

Rome Cavalieri Congress Center



XXXII WORLD CONGRESS of SPORTS MEDICINE



Sports Medicine, the challenge for global health: *Quo Vadis?*



XXXII WORLD CONGRESS

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of SPORTS MEDICINE



important dates and deadlines

Abstracts deadline

31st May 2012

Notifications to authors

30th June 2012

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Deadline for hotel reservation

1st September 2012



XXXII WORLD CONGRESS

committees

Organizer

The Italian Sports Medicine Federation (FMSI)

Congress Presidents

Maurizio CASASCO - Fabio PIGOZZI

Organizing Committee

Chairman

Maurizio CASASCO

Members

Luigi DI LUIGI
Angelo GIGLIO
Gabriele PETROLITO
Antonio FALCONIO
Luigi Maria FORMICA
Vincenzo Maria IERACITANO
Vincenzo LAMBERTI
Clara MAURI
Aldo PASSELLI
Prisco Patrizio PETTI
Antonio PEZZANO
Vincenzo RUSSO

Local Scientific Committee

Chairman

Giorgio SANTILLI

Coordinator

Arsenio VEICSTEINAS

Members

Francesco DE FERRARI
Giuseppe FRANCAVILLA
Gian Pasquale GANZIT
Antonietta MARCHI
Fabio PIGOZZI
Maurizio SCHIAVON

International Scientific Committee

Chairman

Hans Hermann DICKHUTH

Members

Dusan HAMAR
Luigi DI LUIGI
Ioannis PITSILADIS
Antony WICKER
Mohammed RAZI
William ROBERTS
Zhan HUI
Jan GIELEN

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of SPORTS MEDICINE



Programme at

Satellite FIMS Courses

Thursday, 27th September 2012 (day 1)

Friday, 28th September 2012 (day 2)

Team Physician Advanced Course

Emergency Sports Medicine Course

Instructor Course

Thursday, 27th September 2012

17.00-19.30

OPENING CEREMONY - Opening lecture

09.00-16.30

FIMS Executive Committee Meeting

Friday, 28th September 2012

08.00-09.00

FREE COMMUNICATIONS

FREE COMMUNICATIONS

FREE COMMUNICATIONS

FREE COMMUNICATIONS

09.00-11.00

PARALLEL SYMPOSIUM
Growth factors:
clinical applications
in musculoskeletal
injuries

PARALLEL SYMPOSIUM
Neuromuscular control
assessment and
rehabilitation

PARALLEL SYMPOSIUM
The female athletes

PARALLEL SYMPOSIUM
Paralympic athletes
and adapted physical
activity

11.00-11.30

Coffee Break

11.30-13.30



PLENARY SESSION: Physical activity, heart and health

13.30-14.30

Lunch

14.30-15.30

POSTER SESSION

POSTER SESSION

POSTER SESSION

POSTER SESSION

15.30-17.30

PARALLEL SYMPOSIUM
Artificial turf versus
natural grass.
Biomechanical and
medical aspects

PARALLEL SYMPOSIUM
Nutritional strategies
in sports and physical
activity


PARALLEL SYMPOSIUM
Fatigue and
recovery in athletes

PARALLEL SYMPOSIUM
Head injuries in sports

14.00-19.00

FIMS Council of Delegates

Saturday, 29th September 2012

08.00-09.00	FREE COMMUNICATIONS	FREE COMMUNICATIONS	FREE COMMUNICATIONS	FREE COMMUNICATIONS
09.00-11.00	PARALLEL SYMPOSIUM The physician in the International sports Federations	PARALLEL SYMPOSIUM Endocrine-metabolic disorders and physical exercise	PARALLEL SYMPOSIUM Aging and exercise	PARALLEL SYMPOSIUM Genetic basis for health and sport performance
11.00-11.30	Coffee Break			
11.30-13.30	 PLENARY SESSION: Molecular biology in sports medicine			
13.30-14.30	Lunch			
14.30-15.30	POSTER SESSION	POSTER SESSION	POSTER SESSION	POSTER SESSION
15.30-17.30	PARALLEL SYMPOSIUM Imaging techniques in sport medicine	PARALLEL SYMPOSIUM Child and physical activity	PARALLEL SYMPOSIUM Functional evaluation and exercise prescription in cardiovascular diseases	PARALLEL SYMPOSIUM Substance abuse and misuse

Sunday, 30th September 2012

08.00-09.00	FREE COMMUNICATIONS	FREE COMMUNICATIONS	FREE COMMUNICATIONS	FREE COMMUNICATIONS
09.00-11.00	PARALLEL SYMPOSIUM Methodologies and systems for evaluating and monitoring training and sports performance	PARALLEL SYMPOSIUM Sport and environment: assessment and prevention of risk factors	PARALLEL SYMPOSIUM Legal and ethical issues in sport medicine	PARALLEL SYMPOSIUM Return to play: advances in diagnosis and rehabilitation
11.00-11.30	Coffee Break			
11.30-12.30	 PLENARY SESSION: Lifestyle intervention for non-communicable diseases-the role of sport and exercise medicine			
12.30-13.00	CLOSING CEREMONY			

Italian CME credits

Italian Ministry of Health C.M.E. (Continuing Medical Education) accreditation will be applied for.

UEMS credits

European Union of Medical Specialists (UEMS) accreditation will be applied for.

Guidelines for abstract submission

Before preparing and typing your abstract, please read carefully the instructions.

If you have any question regarding abstracts submission please contact: fims2012.scientificsecretariat@fmsi.it

Submission

- Abstracts can only be submitted on line on the official congress website: www.fimsroma2012.org
- Opening abstract submission: 15th November 2011 – h. 24:00
- Abstract submission deadline: 31st May 2012 – h. 24:00
- Notification to authors: 30th June 2012 – h. 24:00
- An author may submit a maximum of two abstracts as first author (only one of these abstracts can be submitted in the preferred format of oral presentation). The submitted abstract must be presented by the first author **who must be a registered participant**.
- It is possible to appear as co-author on other abstracts.
- Please note that for each accepted abstract, the registration fee of at least one of the Authors will be required.
- Abstracts received after 31st May 2012 or incorrectly drawn up, will not be accepted. After

your submission further changes cannot be accepted. In case of acceptance, any error in spelling, grammar, or scientific contents will be reproduced as typed by the author.

- Accepted abstracts will not be published unless registration documents and the payment of the registration fee are settled.

Abstract

- Abstracts must be written in English.
- They have to be typed into the **Abstract Submission Body**
- They are restricted to 2000 characters (including spaces)
- They have not to contain tables or graphs.
- The title has to be brief and IN CAPITALS.
- Spell out words. Do not use abbreviations.
- The family name of the authors has to be preceded by initial(s) of the first name (omit titles: MD, Prof., Dr. etc.)
- Citation of the principal institution, city, country.
- In the body of the text, description of the aim of the study, materials and methods, results and conclusions.
- References in the text have to be cited at the end of the abstract (they must fit in the 2000 characters).
- Acknowledgement of receipt of the submission will be sent to the e-mail address as registered in the "Personal Details Page".
- Notification of the acceptance of the abstracts will be e-mailed.
- The sending author will receive all correspondence concerning the abstract and is responsible for informing the other authors of the status of the abstract.

Reviewing

All abstracts will be reviewed by Scientific Committees, which will make recommendations as to the type of the presentation (oral or poster). The author may state preference for the type of presentation (oral or poster) and select the topic among the proposed ones. The final decision however lies upon the Scientific Committees.

Presentation

Presenters must be registered for the Congress to guarantee the participation in the Scientific Sessions and the publication of the abstracts in the proceedings.

- **Oral** presentation format is PowerPoint. Oral presentation time will be 7 minutes plus 3 minutes of discussion. Oral presentations must be pre-uploaded in the Speakers Ready Room afore.
- **Poster** size is A0 (height: 120 cm, width 90 cm). Poster format is portrait. The authors will be notified on the date (28 or 29 September 2012) in which they will have to put up their poster in the morning and discuss from 2:00 to 3:00 p.m. All poster shall be removed in the evening.

Scientific Secretariat

The Italian Sports Medicine Federation (FMSI)
Viale Tiziano, 70 - 00196 Rome, Italy
E-mail: fims2012.scientificsecretariat@fmsi.it

Congress Venue Rome Cavalieri

The scientific sessions are held at the Rome Cavalieri - Via Cadlolo 101 - 00135 Rome, Italy - Phone +39 0635091 - www.romecavalieri.it

Organizing Secretariat

AIM Group International
Rome Office: Via Flaminia 1068 - 00189 Rome, Italy
Phone: +39 0633053.1 - Fax: +39 0623325626
E-mail: fims2012.info@aimgroup.eu

Simultaneous Translation

Simultaneous Translation will be provided from English to Italian and vice versa during the Opening and Closing ceremonies and the Plenary Sessions.

Visa Requirements

Participants requiring an entry visa to Italy may request assistance from the Organizing Secretariat AIM Group.

Please enter the website on-line services and click on "invitation letter for VISA" to access the instructions.

Exhibition and Sponsorship

A technical, pharmaceutical and publication exhibition will take place in the Congress Venue throughout the scientific works.

Additional sponsoring opportunities are available. For any information, please contact the Organizing Secretariat, AIM Group International (Rome Office).

Registration Fees

	From 1 st February to 30 th April 2012	From 1 st May 2012 and on site
Regular Fee⁽¹⁾	€ 300,00	€ 350,00
FIMS Members⁽¹⁾	€ 200,00	€ 250,00
Residents in Sports Medicine⁽²⁾	€ 150,00	€ 200,00
Physiotherapists, Sports Massage Therapists, Sports Scientists	€ 150,00	€ 200,00
Students⁽³⁾	€ 100,00	€ 150,00
One Day Fee	€ 100,00	€ 100,00

Note: for all registration fees, VAT 21% is not included.

- (1) The Regular Fee and FIMS Members Fee give the right to access all scientific sessions and the exhibition area, and include:
 - Congress bag with the book of abstracts
 - Coffee breaks
- (2) Certificate to be shown.
- (3) Registration Fee for students in health and exercise fields (medicine, physiotherapy, sports science, psychology).
 Certificate to be shown.

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Individual registration

The individual registration procedure is possible through:

- PDF FORM
- ON LINE

Payment should be made by one of the following methods:

Bank transfer details

Please transfer the payment to AIM Congress Srl

Bank details

AIM Congress srl

Intesa Sanpaolo - fil. 37 (6019) - Via Campania 49
00189 Roma

IBAN: IT58 I030 6903 2401 0000 0005 348

SWIFT/BIC: BCITITMM

The payment transfer form should clearly state the name(s) of the delegate(s) and "FIMS 2012 Congress".

Credit cards

All major credit cards are accepted (American Express, VISA, Eurocard/Master Card).

Please enter the credit card number, the expiration date and security number in the appropriate space on the registration form.

Internet

An on line registration form with payment by credit card in security certificate mode "VeriSign" and "SSB" is available on the official Congress website.

REGISTRATION WILL BE PROCESSED ONLY WHEN ACCOMPANIED BY THE TOTAL PAYMENT.

THE ORIGINAL INVOICE WILL BE SENT BY E-MAIL. PLEASE PROVIDE US WITH CORRECT E-MAIL ADDRESS.

Confirmation of registration

An invoice will be issued as written confirmation of your registration by the Organizing Secretariat.

Cancellation

Notification of cancellation must be sent in writing to the Organizing Secretariat.

Cancellations will be accepted until 20th August 2012 with a refund of all paid fees, except for a 30% administrative charge. No refunds will be made for cancellations received after this date. All approved refunds will be processed and issued 60 days after the Congress.

- Cancellation on/before **20th August 2012:**
30% of the registration fee will be withheld
- Cancellation after **20th August 2012:** **no refund**

The official housing bureau and travel agency of the Congress is:

AIM Group International

Accommodation Division

Via Ripamonti, 129 - 20141 Milan, Italy

Phone: +390256601.1

Fax: +390256609043

E-mail: fims2012.hotel@aimgroup.eu

Make sure to reserve your room as soon as possible in order to take advantage of the special benefits available for FIMS participants only:

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1 - SHUTTLE BUS SERVICE:

A complimentary shuttle bus service to/from the Rome Cavalieri Hotel – Congress Venue will be exclusively available to the Congress participants showing a hotel voucher issued by AIM Group International. Only participants who make their reservation through AIM Group International will be entitled to use the shuttle bus service.

2 - SPECIAL CONDITIONS:

Guests reserving their room through AIM Group International will obtain special booking conditions such as:

- NO HOTEL DEPOSIT OR PREPAYMENT
- SPECIAL CANCELLATION TERMS
- SPECIAL COMPLIMENTARY SERVICES FOR THEIR STAY

How to make a hotel reservation

A list of Congress hotels, terms and conditions of booking as well as an on line reservation service link to the AIM Group International will be available on the Official Congress Website.

Please ensure your hotel reservation is made by 1st September 2012. After this date, rooms will not be guaranteed. A voucher will be issued as confirmation of your reservation.

Group accommodation

AIM Group International will be at your disposal for any information about hotel reservations. Group reservations will follow special group conditions and are not available on line. Please contact us in order to obtain “Terms and conditions for groups”.



Guarantee/payment of hotel reservation

Every reservation must be guaranteed by credit card. A reservation fee of € 20,00 (VAT 21% included) will be charged on the credit card upon confirmation of the booking.

AIM Group will issue an invoice for the charged reservation fee.

The credit card will be kept as a guarantee for the hotel reservation but no further cost will be charged on it (with the exception of cancellation fees).

Payment of the total foreseen will be requested by the hotel upon check-out.

The hotel will issue an invoice directly upon payment.

Cancellation policy

Any change or cancellation of the hotel reservation must be sent in writing to AIM Group. AIM Group reserves the right to charge on the given credit card the following cancellation fees:

- Until 5th August 2012

only the reservation fee (€ 20,00) will be kept

- Until 5th September 2012

one night accommodation will be charged

- From 6th September 2012 and no show

100% of the foreseen total amount will be charged

Please Note

Rooms booked will be available to participants for the first night of the reservation.

In the event of a no show, reservations will be automatically cancelled and cancellation policy will be applied.

Programme

Thursday, 27th September 2012 - Friday, 28th September 2012

09.00-16.30

SATELLITE FIMS COURSES

Team physician advanced course

Emergency Sports Medicine course

Instructor course

Thursday 27th september 2012

HALL A

17.00-19.30

OPENING CEREMONY

Opening Lecture

Physical activity, ethics and drugs

S. Pecorelli (ITALY)

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XXXII WORLD CONGRESS

Friday, 28th September 2012

HALL A

08.00-09.00

FREE COMMUNICATIONS

Chairmen: P. Jenoure (SWITZERLAND); C.G. Gribaudo (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

GROWTH FACTORS: CLINICAL APPLICATIONS IN MUSCULOSKELETAL INJURIES

Chairmen: A. Passelli (ITALY); P. Rossi (ITALY)

Growth factors in the management of tendinopathies

P. Volpi (ITALY)

Platelet derived growth factors in muscle healing

P. Borrione (ITALY)

Autologous chondrocyte implantation

L.J. Micheli (USA)

Growth factors in the therapy of muscle atrophy

N. Bachl (AUSTRIA)

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of **SPORTS MEDICINE**



Programme

Friday, 28th September 2012

HALL A

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

PHYSICAL ACTIVITY, HEART AND HEALTH

President: A. Deligiannis (GREECE)

Chairmen: H.H. Dickhuth (GERMANY); P. Zeppilli (ITALY)

The Italian pre-participation screening

D. Corrado (ITALY)

Prevention of sudden death: from epidemiology to clinical practice

L. Calò (ITALY)

Relevance of biomarkers of exercise-induced myocardial stress

G. White (UNITED KINGDOM)

13.30-14.30

LUNCH

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XXXII WORLD CONGRESS

15.30-17.30

PARALLEL SYMPOSIUM

ARTIFICIAL TURF VERSUS NATURAL GRASS. BIOMECHANICAL AND MEDICAL ASPECTS

Chairmen: A. Debruyne (BELGIUM); V. Russo (ITALY)

Artificial pitches: biomechanical study to prevent injuries and improve athlete's performance

M. Testa (ITALY)

Synthetic soccer turf: biomechanical evaluation for performance and safety

G. Cerulli (ITALY)

Synthetic turf in football

D. Boisnard (FRANCE)

Optimizing shoes to artificial grass

M. Lamontagne (CANADA)

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Programme

Friday, 28th September 2012

HALL B

08.00-09.00

FREE COMMUNICATIONS

Chairmen: G. Frank (ISRAEL); E. Rovelli (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

NEUROMUSCULAR CONTROL ASSESSMENT AND REHABILITATION

Chairmen: N. Christodoulou (CYPRUS); V. Saraceni (ITALY)

Neuromuscular assessment in older adults: the state of art
W. R. Frontera (PUERTO RICO)

Current methods of strength testing for the return to sport following injuries
A. Macaluso (ITALY)

Is core stability training really effective to enhance neuromuscular control and performance?
A. Giombini (ITALY)

Effectiveness of neuromuscular control assessment in the rehabilitation of acute injuries in sports
P. Yung (CHINA)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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of SPORTS MEDICINE



Programme

Friday, 28th September 2012

HALL B

15.30-17.30

PARALLEL SYMPOSIUM

NUTRITIONAL STRATEGIES IN SPORTS AND PHYSICAL ACTIVITY

Chairmen: A. Giglio (ITALY); A. Parisi (ITALY)

Overeating: the fate of food excess

M. Sacchetti (ITALY)

Metabolic and molecular effects of caloric restriction and endurance exercise in humans

L. Fontana (ITALY)

Omega-3 fatty acids for enhancement of reaction times and treatment of concussion injury in athletes

B. Sears (USA)

Polyphenols human health and sports performance

F. Visioli (SPAIN)

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XXXII WORLD CONGRESS

HALL C

08.00-09.00

FREE COMMUNICATIONS

Chairmen: D. Constantinou (SOUTH AFRICA); D. Accettura (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

THE FEMALE ATHLETES

Chairmen: T.S. Alenabi (IRAN); C. Mauri (ITALY)

Sports performance in female athletes

S. Porcelli (ITALY)

Athlete's heart in women

M. Rizzo (ITALY)

Advances in female athlete triad management

J. Alleyne (CANADA)

Feasibility of prevention of injuries in female athletes

C. Mauri (ITALY)

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Programme

Friday, 28th September 2012

HALL C

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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XXXII WORLD CONGRESS

15.30-17.30

PARALLEL SYMPOSIUM

FATIGUE AND RECOVERY IN ATHLETES

Chairmen: F. Felici (ITALY); P. Prisco Petti (ITALY)

15 years of debate: the Central Governor IS a valid model of fatigue and endurance performance

A.R. Mauger (UNITED KINGDOM)

15 years of debate: the Central Governor IS NOT a valid model of fatigue and endurance performance

S.M. Marcora (UNITED KINGDOM)

How to deal with acute fatigue: nutritional recovery strategy

P. Fiorella (ITALY)

How to deal with acute fatigue: physical means to improve and facilitate recovery

G. Banfi (ITALY)

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Programme

Friday, 28th September 2012

HALL D

08.00-09.00

FREE COMMUNICATIONS

Chairmen: J.P. De Almeida (PORTUGAL); G. La Delfa (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

PARALYMPIC ATHLETES AND ADAPTED PHYSICAL ACTIVITY

Chairmen: P. Van de Vliet (BELGIUM); M. Carletti (ITALY)

Autonomic dysreflexia and boosting in paralympic athletes

C. Blauwet (USA)

Impact of sildenafil citrate on exercise capacity and sport in athletes with spinal cord injury

C. Perret (SWITZERLAND)

An understanding of paralympic performance in extreme conditions: a scientific approach to training

M. Bernardi (ITALY)

Medical services and medical care for paralympic athletes

P. Van de Vliet (BELGIUM)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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of SPORTS MEDICINE



Programme

Friday, 28th September 2012

HALL D

15.30-17.30

PARALLEL SYMPOSIUM

HEAD INJURIES IN SPORTS

Chairmen: J. Kawazoe Lazzoli (BRAZIL); V. Ieracitano (ITALY)

Concussion: related risks, assessment and return to play

R. Vagnozzi (ITALY)

Dental trauma treatment and prevention

H.M. Stasiuk (CANADA)

Ear, nose and larengis trauma treatment and prevention

T. Sorrentino (ITALY)

Orbital trauma treatment and prevention

P. Amaddeo (ITALY)

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XXXII WORLD CONGRESS

Friday, 28th September 2012

POSTER SESSION 14.30-15.30

POSTER SESSION 1

Chairmen: R.A. Robles (GUATEMALA); A. Bonetti (ITALY)

POSTER SESSION 2

Chairmen: L. Magaudda (ITALY); L. Spigolon (ITALY)

POSTER SESSION 3

Chairmen: G. Li (CHINA); F. Agrusti (ITALY)

POSTER SESSION 4

Chairmen: M. Leglise (FRANCE); G. Ganzit (ITALY)

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of **SPORTS MEDICINE**



Programme

Saturday, 29th September 2012

HALL A

08.00-09.00

FREE COMMUNICATIONS

Chairmen: J. Lecocq (FRANCE); G. Francavilla (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

THE PHYSICIAN IN THE INTERNATIONAL SPORTS FEDERATIONS

Chairmen: M. D'Hooghe (BELGIUM); N.M. Di Luca (ITALY)

The honorary (non) importance of medicine in International Sports Federations - are we getting better?

M. Zorzoli (SWITZERLAND)

The physician in International Sports Federations - between goodwill and professionalism

M.I. Sturla (ITALY)

When your study results make the rules - every athlete can be a winner

K. Grimm (GERMANY)

When dedication turns to liability: legal pitfalls for the physician

U. Haas (SWITZERLAND)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

MOLECULAR BIOLOGY IN SPORTS MEDICINE

President: G. Santilli (ITALY)

Chairmen: V. Klissouras (GREECE); P. Parisi (ITALY)

Hypoxia and exercise: molecular basis

P. Cerretelli (ITALY)

Gene expression in skeletal muscle with endurance and strength training

H. Hoppeler (SWITZERLAND)

The contribution of proteomics in exercise sciences. Recent advances

C. Gelfi (ITALY)

13.30-14.30

LUNCH

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of **SPORTS MEDICINE**



Programme

Saturday, 29th September 2012

HALL A

15.30-17.30

PARALLEL SYMPOSIUM

IMAGING TECHNIQUES IN SPORT MEDICINE

Chairmen: C. Faletti (ITALY); A. Falconio (ITALY)

The effectiveness of diagnostic imaging methods for the assessment of soft tissue and articular disorders in sport injuries

S. Giannini (ITALY)

The role of diagnostic imaging of the elbow and wrist in athlete

M. Padron (SPAIN)

MR and US imaging in the diagnosis of athlete hindfoot and midfoot pain

E. Silvestri (ITALY)

Multimodality imaging in athletes

M. Di Roma (ITALY)

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XXXII WORLD CONGRESS

HALL B

08.00-09.00

FREE COMMUNICATIONS

Chairmen: K. Mandroukas (GREECE); M. Scorcu (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

ENDOCRINE-METABOLIC DISORDERS AND PHYSICAL EXERCISE

Chairmen: L. Di Luigi (ITALY); A. Lenzi (ITALY)

Male hypogonadism, testosterone replacement and physical exercise

L. Di Luigi (ITALY)

Molecular determinants of metabolic syndrome

L. Luzi (ITALY)

Physical exercise and use of insulin in people with diabetes

G. Bolli (ITALY)

Growth hormone deficit and excess in athletes: from diagnosis to sport participation

F. Minuto (ITALY)

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Programme

Saturday, 29th September 2012

HALL B

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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XXXII WORLD CONGRESS

HALL B

15.30-17.30

PARALLEL SYMPOSIUM

CHILD AND PHYSICAL ACTIVITY

Chairmen: A. Pezzano (ITALY); A.G. Ugazio (ITALY)

The role of movement and sport activities in children's growth. New insight
A. Marchi (ITALY)

Role of daily living activity in obesity prevention
G. Merati (ITALY)

Hypoglycemia and physical exercise in children T1DM
V. Cherubini (ITALY)

Congenital cardiovascular diseases in children and physical activity
A. Calzolari (ITALY)

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Programme

Saturday, 29th September 2012

HALL C

08.00-09.00

FREE COMMUNICATIONS

Chairmen: E. Ergen (TURKEY); G. Buonfiglio (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

AGING AND EXERCISE

Chairmen: W.R. Frontera (PUERTO RICO); G. Beltrami (ITALY)

Sarcopenia: mechanisms and functional consequences

M. Narici (UNITED KINGDOM)

Strength training in elderly

D. Hamar (SLOVAKIA)

Optimizing diet and exercise to extend the healthy lifespan

V. Longo (ITALY)

Perceived exertion in the elderly

L. Guidetti (ITALY)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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of SPORTS MEDICINE



Programme

Saturday, 29th September 2012

HALL C

15.30-17.30

PARALLEL SYMPOSIUM

**FUNCTIONAL EVALUATION AND EXERCISE PRESCRIPTION IN
CARDIOVASCULAR DISEASES**

Chairmen: H.H. Dickhuth (GERMANY); M. Pagani (ITALY)

**Cardiopulmonary exercise testing in heart disease: applications for
exercise prescription and prognosis**

J. Myers (USA)

Physical activity and heart failure

M. Volterrani (ITALY)

Individually-tailored aerobic exercise training in chronic heart failure

F. Iellamo (ITALY)

Positive effects of small muscle mass training in patients with heart failure

F. Esposito (ITALY)

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XXXII WORLD CONGRESS

HALL D

08.00 -09.00

FREE COMMUNICATIONS

Chairmen: A. Smith (USA); C. Puntoriere (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

GENETIC BASIS FOR HEALTH AND SPORT PERFORMANCE

Chairmen: D. Caporossi (ITALY); L.M. Formica (ITALY)

Genomics of health

C. Franceschi (ITALY)

Epigenetic influences on athletic performance

V. Klissouras (GREECE)

Common and uncommon genetic factors for cardiac abnormalities in young athletes

C. Napolitano (ITALY)

Prevention of sports related injuries in athletes by genetic-screening: facts and fiction

Y. Pitsiladis (UNITED KINGDOM)

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of SPORTS MEDICINE



Programme

Saturday, 29th September 2012

HALL D

11.00-11.30

COFFEE BREAK

11.30-13.30



PLENARY SESSION

13.30-14.30

LUNCH

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XXXII WORLD CONGRESS

15.30-17.30

PARALLEL SYMPOSIUM

SUBSTANCE ABUSE AND MISUSE

Chairmen: E.H. De Rose (BRAZIL); G. Martellino (ITALY)

The new frontiers of research in anti-doping

O. Rabin (FRANCE)

Masking agents and unmasking strategies in sport doping

F. Botré (ITALY)

The indirect detection of doping - actual situation and perspectives

M. Saugy (SWITZERLAND)

The sports physician and the anti-doping regulations: how to face the athlete-patient dilemma

A. Verneq (CANADA)

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Programme

Saturday, 29th September 2012

POSTER SESSION 14.30-15.30

POSTER SESSION 5

Chairmen: J. Gielen (BELGIUM); G. Boni (ITALY)

POSTER SESSION 6

Chairmen: C. Pecci (ITALY); M. Ripani (ITALY)

POSTER SESSION 7

Chairmen: R. Cantore (ITALY); A. Marciano (ITALY)

POSTER SESSION 8

Chairmen: A. Calligaris (ITALY); F. Santelli (ITALY)

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XXXII WORLD CONGRESS

Sunday, 30th September 2012

HALL A

08.00-09.00

FREE COMUNICATIONS

Chairmen: M. Bonifazi (ITALY); A. Anedda (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

Methodologies and systems for evaluating and monitoring training and sports performance

Chairmen: A. Dal Monte (ITALY); C. Mazzola (ITALY)

Muscle oxygen saturation monitoring by wireless near infrared spectroscopy
M. Ferrari (ITALY)

Football players match analysis according to their positional playing
V. Di Salvo (ITALY)

Energy cost and metabolic power in team sports: a new video-match analysis approach
P. E. di Prampero (ITALY)

Cardiovascular and energetic monitoring during breath-hold diving
G. Ferretti (ITALY)

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of **SPORTS MEDICINE**



Programme

Sunday, 30th September 2012

HALL A

11.00-11.30

COFFEE BREAK

11.30-12.30



PLENARY SESSION

LIFESTYLE INTERVENTIONS FOR NON-COMMUNICABLE DISEASES - THE ROLE OF SPORT AND EXERCISE MEDICINE

President: L. Coiana (ITALY)

Chairmen: N. Bachl (AUSTRIA); A. Veicsteinas (ITALY)

Chronic diseases of lifestyle - the role of the sports physician in prevention of the global epidemic

M. Schweltnus (SOUTH AFRICA)

Lifestyle interventions for chronic disease - putting theory into practice

W. Derman (SOUTH AFRICA)

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XXXII WORLD CONGRESS

12.30-13.00

CONGRESS CLOSING CEREMONY

Closing lecture

Sports medicine and FIMS an historical perspective

J. Wesseling (THE NETHERLANDS)

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Programme

Sunday, 30th September 2012

HALL B

08.00-09.00

FREE COMMUNICATIONS

Chairmen: K. Natsis (GREECE); A. Colozzi (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

SPORT AND ENVIRONMENT: ASSESSMENT AND PREVENTION OF RISK FACTORS

Chairmen: P. Apostoli (ITALY); G. Borroni (ITALY)

Internal and external air pollution as a limiting factor to performance

J. Cummiskey (IRELAND)

Sports-related dermatoses: review of diagnostic keys and treatments of skin disorders specific to athletes

G. Lozzi (ITALY)

Certification of sports venues quality

M. Terrasi (ITALY)

International travel and the elite athlete

D. Mc Donagh (NORWAY)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.00



PLENARY SESSION AND CLOSING CEREMONY

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Programme

Sunday, 30th September 2012

HALL C

08.00-09.00

FREE COMUNICATIONS

Chairmen: C. Christodoulakis (CYPRUS); M. Imbriani (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

LEGAL AND ETHICAL ISSUES IN SPORT MEDICINE

Chairmen: S. Maffettone (ITALY); G. Petrolito (ITALY)

Ethical practice and sports physician protection

M. Mc Namee (UNITED KINGDOM)

Sports values and education

L. Palazzani (ITALY)

Professional legal responsibility of the sport physician

A. Verzelletti (ITALY)

Performance versus health: which are the borders?

R. Tavana (ITALY)

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XXXII WORLD CONGRESS

11.00-11.30

COFFEE BREAK

11.30-13.00



PLENARY SESSION AND CLOSING CEREMONY

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Programme

Sunday, 30th September 2012

HALL D

08.00-09.00

FREE COMUNICATIONS

Chairmen: P. Baumgartl (AUSTRIA); G. Pesce (ITALY)

09.00-11.00

PARALLEL SYMPOSIUM

RETURN TO PLAY: ADVANCES IN DIAGNOSIS AND REHABILITATION

Chairmen: V. Lamberti (ITALY); P.P. Mariani (ITALY)

Research priorities in the rehabilitation of the injured athlete

A. Castagna (ITALY)

Criteria Based Progression through the return to sport after ACL rehabilitation

S. Respizzi (ITALY)

Post-operative rehabilitation after surgical repair of the rotator cuff in athletes

G. Massazza (ITALY)

Which is the effect of local cooling, in treating sports injuries, on functional performance?

A. Debruyne (BELGIUM)

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XXXII WORLD CONGRESS

11.30-13.00



PLENARY SESSION AND CLOSING CEREMONY

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