First Announcement

8th International Conference on Cachexia, Sarcopenia and Muscle Wasting

> Cachexia in Cancer, Heart Failure, COPD, CKD and Stroke
> Sarcopenia, Frailty and the Dysmobility Syndrome
> Pathophysiology and Epidemiology of Muscle Wasting
> Body Composition Assessments
> Screening, Diagnostic and Management
> Special Populations
> Clinical Trial Data

4–6 DECEMBER 2015 PARIS

Abstract submissions are welcome
Deadline 30 July, 2015

> Rapid fire abstract sessions
> Young investigator awards
> Late-breaking research and clinical abstract deadline: 30 September, 2015
> Plenty of time for discussion

For further information visit www.cachexia.org
Dear Colleague,

The Society on Sarcopenia, Cachexia and Wasting Disorders (SCWD) is pleased to invite you to attend the 8th International Conference on Cachexia, Sarcopenia and Muscle Wasting that will be held on December 4-6, 2015, in Paris, France.

As an international and multidisciplinary organization, the SCWD seeks to further research on cachexia, sarcopenia and muscle wasting in order to bring practical solutions to healthcare teams worldwide. Since the first cachexia conference that took place in Berlin in 2000, over 2000 physicians from over 25 countries have attended our educational sessions. This year, over 60 international speakers will join together in one of the most attractive cities, Paris.

The Scientific Committee has worked hard to bring you an impressive three-day program. The first day is dedicated to all aspects of muscle wasting research and management. Then, the program has been designed in order to include both clinical and basic science tracks. Parallel sessions will permit various facets of muscle wasting to be explored. A special emphasis has been placed on Abstracts with Rapid fire abstract sessions. All will be able to contribute to general discussions in plenary sessions.

We expect this 8th International Conference to be a unique forum for all medical professionals dealing with muscle wasting in their disciplines and we look forward to meeting you in Paris.

Yours sincerely,

Bruno Vellas
John E. Morley
Stefan D. Anker

CHAIRMEN:
Bruno Vellas, Toulouse, France
John E. Morley, St. Louis, MO, USA
Stefan D. Anker, Göttingen, Germany

INTERNATIONAL SCIENTIFIC COMMITTEE:
Stefan D. Anker (President) — Göttingen, Germany
John E. Morley — St. Louis, USA
William J. Evans — Durham, USA
Akio Inui — Kobe, Japan
Josep M. Argiles — Barcelona, Spain
Filippo Rossi-Fanelli — Rome, Italy
Vickie E. Baracos — Edmonton, Canada
Andrew Coats, Melbourne, Australia and Warwick, UK
Wolfram Doehner — Berlin, Germany
Kenneth C. H. Fearon — Edinburgh, UK
Luigi Ferrucci — Baltimore, USA
David J. Glass — Boston, USA
Aminah Jatoi — Rochester, USA
Kamyar Kalantar-Zadeh — Torrance, USA
Florian Strasser — St. Gallen, Switzerland
Stephan von Haehling — Göttingen, Germany
FRIDAY, 4 DECEMBER 2015

A  10:00 - 12:00 - OPENING SESSION
Bruno Vellas, Toulouse, France – Stefan D. Anker, Göttingen, Germany
John E. Morley, St. Louis, MO, USA

Welcome Address
“Hippocrates” clinical science key note lecture
Anabolics and exercise for cachexia – Challenges and opportunities
Annemie Schols, Maastricht, The Netherlands
The importance of screening for frailty – A practical approach
Bruno Vellas, Toulouse, France
Tools to measure frailty and sarcopenia
Jean Woo, Shatin, Hong Kong
Common pathways of cachexia pathophysiology
Stefan D. Anker, Göttingen, Germany
Cancer and cachexia
Kenneth Fearon, Edinburgh, UK

12:15-13:15 - Lunch symposia

B  13:30 - 15:30 - PLENARY SESSION
Josep Argiles, Barcelona, Spain – TBA

“Prometheus” basic science key note lecture
Muscle signalling and molecular – Update 2015
David Glass, Basel, Switzerland
Origin of anorexia nervosa and gut bacterial proteins: A new link to appetite control
Serguei Fetissov, Rouen, France
Skeletal muscle degeneration and regeneration in mice and flies
Miranda Grounds, Perth, WA, Australia
Cellular aging of skeletal muscle
Steven Cummings, San Francisco, CA, USA
Regulation of muscle microenvironment in cancer cachexia
Denis Guttridge, Columbus, OH, USA

15:30 - 16:00 - Coffee Break

SATURDAY, 5 DECEMBER 2015

E  08:30 - 10:00 - CLINICAL TRACK
Muscle wasting and cachexia in chronic illness – Update 2015
Stefan D. Anker, Göttingen, Germany – Giovanni Mantovani, Cagliari, Italy

COPD
Michael Polkey, London, UK
Heart failure
Stephan von Haehling, Göttingen, Germany
Cancer
Aminah Jatoi, Rochester, MN, USA
Chronic kidney disease
Kamyar Kalantar-Zadeh, Orange, CA, USA
Stroke and Alzheimers disease
Wolfram Doehner, Berlin, Germany

F  08:30 - 10:00 - BASIC TRACK
Muscle wasting and cachexia basics
Jochen Springer, Göttingen, Germany – Denis Guttridge, Columbus, OH, USA

Protein synthesis in muscle – Update 2015
William Evans, Durham, NC, USA
The role of microglia in the induction and maintenance of cachexia
Daniel Marks, Portland, OR, USA
The role of TWEAK-Fn14 signalling in muscle wasting
Ashok Kumar, Louisville, KY, USA
IGF signalling and skeletal muscle energetics
Mara Fornaro, Basel, Switzerland
Senescence in sarcopenia induced muscle loss
Pura Muñoz-Cánoves, Barcelona, Spain
Panel Discussion

10:00 - 11:00 - Coffee break and science

10:10-10:50 - Rapid fire abstract session 1 (8 highlighted abstracts)
11:00 - 12:30 - CLINICAL TRACK
Sarcopenia, frailty and dysmobility
Bruno Vellas, Toulouse, France – TBA

Validity of different sarcopenia and frailty definitions
John E. Morley, St. Louis, MO, USA

Motor nerve units and aging muscle
Carnel Sieber, Nuremberg, Germany

Sarcopenia, the cardiometabolic syndrome and testosterone
Liang-Kung Chen, Taipei, Taiwan

Exercise and sarcopenia
Hidetoshi Araki, Kyoto, Japan

The dysmobility syndrome
Marcello Maggio, Parma, Italy

New therapeutic target and interventions in dysmobility syndrome
Emanuele Marzetti, Rome, Italy

Panel Discussion

11:00 - 12:30 - BASIC TRACK
Cellular aging of bone and muscle
Steven Cummings, San Francisco, CA, USA
James Carson, Columbia, SC, USA

Autophagy and aging muscle
Marco Sandri, Padova, Italy

The impact of oxidative stress and mitochondrial dysfunction in muscle and nerves: Lessons from animal models
Holly van Remmen, Oklahoma City, OK, USA

Mitochondria, oxidative stress and muscle fat in human aging
Paul Coen, Orlando, FL, USA

Translation approaches to miRNA based therapeutic approaches in cardiac atrophy and hypertrophy
Thomas Thum, Hannover, Germany

12:45 - 13:45 - Lunch symposia

14:00 - 15:30 - BODY COMPOSITION TRACK
Body composition assessments in clinical practice
Steven B. Heymsfield, Baton Rouge, LA, USA
Stephan von Haehling, Göttingen, Germany

Advances in magnetic resonance imaging assessment of skeletal muscle mass and composition
Anette Karlsson, Linköping, Sweden

Bioimpedance analysis measures and frailty
Adrián Sée, Lincoln, UK

Advances in ultrasound technology for quantifying skeletal muscle mass
Daren K. Heyland, Kingston, ON, Canada

Advances in dual-energy X-ray absorptiometry technology
John Shepherd, San Francisco, CA, USA

Advances in CT-scanning for the assessment of body composition
Vickie Baracas, Edmonton, AB, Canada

Stable isotopes to assess masses mass
Marc Hellerstein, Berkeley, CA, USA

15:40-16:20 Poster viewing session 2
15:40-16:20 Rapid fire abstract session 2 (8 highlighted abstracts)

16:30 - 18:30 - CLINICAL TRACK
Late breaking clinical trials
TBA

Ghrelin Romana trials - Update 2015
TBA

Enobosarm trial programme – Update 2015
Jeffrey Crawford, Durham, NC, USA

Several open slots
Panel Discussion

16:30 - 18:30 - BASIC TRACK
Tissue wasting mechanisms – Update 2015
David Glass, Basel, Switzerland
Serguei Fetissov, Rouen, France

Impaired regeneration as a component of skeletal muscle wasting in immobilization
Didier Attia, Clermont-Ferrand, France

Mesoangioblasts as potential tools for muscle regenerative medicine
Maumilo Sampaulescu, Pavia, Italy

Autophagy and muscle wasting
Paola Costelli, Turin, Italy

Lipid metabolism and thermogenesis in cancer cachexia
Graham Robertson, Sydney, NSW, Australia

Emerging role of mitochondrial dysfunction in muscle wasting
James Carson, Columbia, SC, USA

Inflammation and muscle wasting – Update 2015
Josep Argiles, Barcelona, Spain

Cachexia and muscle wasting: The emerging role of gut microbiota
Nathalie Delzenne, Brussels, Belgium

Panel Discussion

19:00 - 20:30 - Wine and cheese reception and poster viewing
**SUNDAY, 6 DECEMBER 2015**

**A** 08:00 - 09:30 - YOUNG INVESTIGATORS AWARDS SESSION CLINICAL AND BASIC
Kenneth Fearon, Edinburgh, UK
Denis Guittridge, Columbus, OH, USA

Judges
Josep Argiles, Barcelona, Spain
David Glass, Basel, Switzerland
Annemie Schols, Maastricht, The Netherlands
William Evans, Durham, NC, USA
Holly van Remmen, Oklahoma City, OK, USA
Akio Inui, Kagoshima, Japan

Finalists
3 abstracts clinical / 3 abstracts basic
Presentations will be selected from submitted abstracts. Each presenter has 10 min for presentation and 5 min for discussion by the panel of chairs and judges.

**B** 10:30 - 12:00 - BASIC TRACK
Biomarkers for cachexia classification and intervention studies
Stefan D. Anker, Göttingen, Germany
Kenneth Fearon, Edinburgh, UK
John E. Morley, St. Louis, MO, USA

The genome
Neil Hayes, Birmingham, UK
The urinary proteome
Richard Skipworth, Edinburgh, UK
The muscle proteome
Carsten Jacobi, Basel, Switzerland
The muscle mass
William Evans, Durham, NC, USA
The muscle function
Matthew Maddocks, London, UK

Panel Discussion: What can be the consensus from this research?

**12:15 - 13:15 - Lunch symposia**

**C** 13:30 - 15:00 - PLENARY SESSION
Developing therapies for cachexia and sarcopenia
TBA

Developing a new therapy for cachexia and sarcopenia
Roger Fielding, Boston, MA, USA
Inclusion body myosotis
TBA
Espindolol
Andrew Coats, Melbourne, Australia
The regulators’ comments
Giuseppe Rosano, London, UK

Panel Discussion

**15:00-15:30 Coffee break**

**D** 15:30 - 16:30 - PLENARY SESSION
Highlights
Bruno Vellas, Toulouse, France
Stefan D. Anker, Göttingen, Germany
Annemie Schols, Maastricht, The Netherlands

Basic science and pathophysiology
Denis Guittridge, Columbus, OH, USA

Body composition
Stephen Heymsfield, Baton Rouge, LA, USA

Sarcopenia
Maurizio Muscaritoli, Rome, Italy

Nutrition
Nicolaas Deutz, College Station, TX, USA

Treatment of cachexia
Andrew Coats, Melbourne, Australia

16:30 Awards ceremony
Poster Award - Young Investigator Award
Ms. □ Mr. □ Mrs. □ Dr. □ Prof.

Last Name: ____________________________
First Name: __________________________
Date of birth: _________________________
Position: ______________________________
Institution/Affiliation: __________________
Address: ______________________________
Postal Code: __________________________  City: __________________
Country: ______________________________
Tel: __________________ Fax: __________________
E-mail: ________________________________

☐ I wish to attend the 8th Cachexia Conference, Paris, France

Registration Fee, including taxes:

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<td>Medical professionals</td>
<td>€ 650</td>
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<td>Doctors, scientists, students (up to 35 years)</td>
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PAYMENT

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• Cancellation of registration before November 1, 2015:
  50% refund of registration fee.

• Cancellation of registration after November 1, 2015 no reimbursement.
EDUCATIONAL OBJECTIVES:
Following this activity, the audience will be able to:
1. Review the latest information about the pathophysiology of muscle wasting and its epidemiology.
2. Screen for and diagnose cachexia, sarcopenia, frailty and dysmobility resulting from the following diseases or chronic conditions: cancer, cardiovascular disease, COPD, CKD, dementia/Alzheimer’s disease, diabetes, infectious diseases, stroke and aging.
3. Develop appropriate management programs for patients across the continuum of care.

TARGET AUDIENCE:
Internists, oncologists, cardiologists, gerontologists, palliative care specialists, primary care physicians and nurses.

Online registration:
www.cachexia.org
You also may use the attached form to register in advance.

PRACTICAL INFORMATION
> Dates
Friday, December 4, 2015 to Sunday, December 6, 2015

> Abstracts
Deadline for receipt of abstracts: The abstract deadline is July 30, 2015.
Deadline for late-breaking research and clinical trial abstracts is September 30, 2015.
All abstracts will be published in the Journal of Cachexia, Sarcopenia and Muscle (JCSM).

> Venue
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www.novotel.com

> Official language: English

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