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 abstracts 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

C  16:00 - 17:45 - CLINICAL TRACK
Cachexia and sarcopenia in clinical practice
Filippo Rossi-Fanelli, Rome, Italy - TBA

Diagnosing cachexia and assessing body composition in clinical routine settings
Alessandro Laviana, Rome, Italy
Quality of life in cachexia – Assessment and therapy
Jane Hopkinson, Cardiff, UK
Measuring muscle function and performance – Clinical management implications
Kristina Norman, Berlin, Germany
Anorexia nervosa – Comparison to cachexia
Akihiro Asakawa, Kagoshima, Japan
Assessing eating behaviour and influencing it
Marian de van der Schueren, Amsterdam, The Netherlands

SUNDAY, 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 van 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

10:00 - 11:00 - Coffee break and science
10:10-10:50 - Poster viewing session 1
10:10-10:50 - Rapid fire abstract session 1 (8 highlighted abstracts)
**SATURDAY, 5 DECEMBER 2015**

### 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**
  Cornel Sieber, Nuremberg, Germany
- **Sarcopenia, the cardiometabolic syndrome and testosterone**
  Liang-Kung Chen, Taipei, Taiwan
- **Exercise and sarcopenia**
  Hidenori 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

**Panel Discussion**

### 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**
  Adriano Sere, 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 Baracos, Edmonton, AB, Canada
- **Stable isotopes to assess muscles mass**
  Marc Hellerstein, Berkeley, CA, USA

**Panel Discussion**

### 14:00 - 15:30 - CLINICAL TRACK

**Tissue wasting in special populations**
Akio Inui, Kagoshima, Japan – TBA

- **Appetite and nutrition in patient with cancer cachexia**
  Egidio del Fabbro, Richmond, VA, USA
- **Anti-cancer drug toxicity and its impact on muscle mass and function**
  Sami Antoun, Villejuif, France
- **Cachexia in palliative care: Focus on multimodal management including disease-specific treatment**
  Florian Stroesser, St. Gallen, Switzerland
- **Muscle wasting and cachexia in the ICU vs IKA-acquired weakness**
  Zuzana A. Patharchery, London, UK
- **Cachexia in children**
  Robert Mak, San Diego, CA, USA

**Panel Discussion**

### 15:30 - 16:30 - Coffee break and science

**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

- **Grehlin RAMONA trials – Update 2015**
  TBA
- **Enobosarm trial programme – Update 2015**
  Jeffrey Crawford, Durham, NC, USA

**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 cancer cachexia**
  Denis Guittridge, Columbus, OH, USA
- **Mesoangioblasts as potential tools for muscle regenerative medicine**
  Maurilio Sampaolesi, 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**

**Morning Session CLINICAL AND BASIC**

**08:00 - 09:30**

**Young Investigators Awards**
Kenneth Fearon, Edinburgh, UK
Denis Guttridge, 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.

**08:00 - 09:30**

**Clinical Track**

**Frailty and disease**

**Diabetes accelerates frailty and sarcopenia**
John E. Morley, St. Louis, MO, USA

**MID-FRAIL: Diabetes and aging**
Leocadio Rodriguez-Manas, Madrid, Spain

**SPRINT-T**
Roberto Bernabei, Rome, Italy

**Testosterone and frailty**

**Testosterone, muscle and disability**
Garry Wittert, Campbelltown, NSW, Australia

**Frequency and cause of death and hospitalization in sarcopenia and cachexia**
Mitja Lainscak, Celje, Slovenia

**09:30-10:00**

**Coffee break and science**

**09:40-10:20**

**Poster viewing session 3**

**Rapid fire abstract session 3** (8 highlighted abstracts)

**10:30 - 12:00**

**Clinical Track**

**Protein turnover and the response to nutrition in muscle wasting**
Annemie Schols, Maastricht, The Netherlands – TBA

**Sarcopenic obesity**
Yves Boirie, Clermont-Ferrand, France

**Respiratory diseases**
Marielle Engelen, College Station, TX, USA

**In ICU patients**
Olav Rooyackers, Stockholm, Sweden

**In CKD patients**
William Mitch, Houston, TX, USA

**In patients with cancer**
Nicolaas Deutz, College Station, TX, USA

**12:15 - 13:15**

**Lunch symposia**

**13:30 - 15:00**

**Plenary Session**

**Developing therapies for cachexia and sarcopenia**
TBA

**REGN 1033**
Roger Fielding, Boston, MA, USA

**Inclusion body myosotis**
TBA

**Espindolol**
Andrew Coats, Melbourne, Australia

**The regulators' comments**
Giuseppe Rosano, London, UK

**Panel Discussion**

**15:30 - 16:30**

**Plenary Session**

**Highlights**
Bruno Vellas, Toulouse, France
Stefan D. Anker, Göttingen, Germany
John E. Morley, St. Louis, MO, USA
Annemie Schols, Maastricht, The Netherlands

**Basic science and pathophysiology**
Denis Guttridge, 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
REGISTRATION

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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<th>Until September 15, 2015</th>
<th>After September 15, 2015</th>
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<td>Medical professionals</td>
<td>€ 650</td>
<td>€ 800</td>
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<tr>
<td>Doctors, scientists, students (up to 35 years)</td>
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<td>Nurses, technicians</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.

Date:  Signature:
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.

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

Novotel Paris Tour Eiffel
61 quai de Grenelle
75015 Paris, France
Tel.: (+33) 1 40582000
www.novotel.com

> Official language: English

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

Organization:

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