Integrative Medicine: Physical Activity is a Core Tip

June 11, 2015
Saint Mare, Gwanganri, Busan, South Korea
Dear Friends and Colleagues,

We cordially invite you to the IMPACT (Integrative Medicine: Physical Activity is a Core Tip) 2015 Symposium. The IMPACT 2015 Symposium will be held on June 11, 2015 at the Saint Mare, Gwanganri, Busan, South Korea. The IMPACT 2015 Symposium is open to all members of the sponsoring and supporting societies, as well as non-members with an interest in research and exercise related-medicine.

The IMPACT 2015 Symposium will bring together a consortium of professionals and international experts from leading physiology groups in the field of physical activity and exercise. We will discuss current issues and innovations within the area of physical activity and exercise. It will also provide an opportunity for building professional networks. Outstanding speakers and well known experts from around the globe will share their knowledge and skills. It is our belief that your participation will help make the IMPACT 2015 Symposium a success.

We are looking forward to seeing you soon at the IMPACT 2015 Symposium in Busan, South Korea.

Yours sincerely,

Jin Han, M.D., Ph.D.
On behalf of Organizing Committee of IMPACT 2015
■ Organization

- Organizing Committee
  Hyo Bum Kwak, Ph.D. (Inha University)
  In Deok Kong, M.D., Ph.D. (Yonsei University)
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- International Advisory Board
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  David A Hood, Ph.D. (York University)
  P. Darrell Neufer, Ph.D. (East Carolina University)
  Scott Powers, Ph.D. (University of Florida)
  Zhen Yan, Ph.D. (University of Virginia)

■ Organized by
  Integrative Medicine Research
  Inje University Busan Paik Hospital
  College of Medicine, Inje University
  Korean Society of Exercise Physiology
  Yonsei Institute of Sports Science & Exercise Medicine
  Cardiovascular and Metabolic Disease Center, Inje University
  Mitochondria Section in Korean Society for Molecular and Cellular Biology

■ Supported by
  Korean Physiological Society
  Korea Institute of Oriental Medicine
  Korean Society of Lipidology and Atherosclerosis
**Symposium Program**

- **Date:** June 11 (Thursday), 2015
- **Place:** Saint Mare, Gwanganri, Busan, South Korea

### 10:00 – 11:00

**Registration**

**Opening Ceremony**

Moderator: Hyo Burn Kwak (Inha University)

#### 11:00 – 11:30

- **Opening Address:** Jong Yeol Kim (Korea Institute of Oriental Medicine)
- **Welcome Address:** Yung E. Earm (Seoul National University) Chang Hyun Jang (Sunmoon University)
- **Congratulatory Remarks:** Sang-Hoon Oh (Busan Paik Hospital) Byoung Doo Rhe (Inje University)

### Session I

**Chairs:** Jong Yeol Kim (Korea Institute of Oriental Medicine), Jung Jun Park (Pusan National University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:30-12:10</td>
<td>Exercise-induced cardioprotection</td>
<td>Scott Powers (University of Florida)</td>
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<tr>
<td>12:10-12:50</td>
<td>Molecular mechanisms of exercise-induced muscle mitochondrial biogenesis</td>
<td>David Hood (York University)</td>
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<tr>
<td>12:50-14:00</td>
<td>Lunch</td>
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### Session II

**Chairs:** Han Chae (Pusan National University), Seung Jun Choi (Kyungsung University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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</thead>
<tbody>
<tr>
<td>14:00-14:40</td>
<td>Exercise, mitochondria, and metabolic disease</td>
<td>P. Darrell Neuffer (East Carolina University)</td>
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<tr>
<td>14:40-15:20</td>
<td>Exercise-induced mitophagy is critical for improved mitochondrial quality</td>
<td>Zhen Yan (University of Virginia)</td>
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<tr>
<td>15:20-16:00</td>
<td>The impact of strength training on arterial stiffness</td>
<td>Arturo Figueroa (Florida State University)</td>
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<tr>
<td>16:00-16:20</td>
<td>Coffee Break</td>
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### Session III

**Chairs:** Kyu Sang Park (Yonsei University), Nari Kim (Inje University)

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>16:20-16:30</td>
<td>Qualitative muscle mass index as the prognostic value of low muscle functions in the elderly</td>
<td>In Deok Kong (Yonsei University)</td>
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<td>16:30-16:40</td>
<td>Proteomic alteration of cardiac muscle to exercise in a time-of-day-dependent manner</td>
<td>Jin Han (Inje University)</td>
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<td>16:40-16:50</td>
<td>Up/down-regulation of K+ channel currents in skeletal arterial smooth muscle by exercise training and physical inactivity</td>
<td>Sung Joon Kim (Seoul National University)</td>
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<tr>
<td>16:50-17:00</td>
<td>Therapeutic potentials of eccentric exercise for age related muscle atrophy</td>
<td>Jae-Young Lim (Seoul National University Bundang Hospital)</td>
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<td>17:00-17:10</td>
<td>Effects of exercise training on inflammatory cytokines-NFkB dependent mechanism in vascular dysfunction</td>
<td>Ki Jin Kim (Keimyung University)</td>
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<tr>
<td>17:10-17:20</td>
<td>Physical training reverses cognitive declines due to Alzheimer’s disease</td>
<td>Hyun Sik Kang (Sungkyunkwan University)</td>
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<td>17:20-17:30</td>
<td>The preventive effect of resistance training on aging skeletal muscle</td>
<td>Wook Song (Seoul National University)</td>
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<td>17:30-17:40</td>
<td>Effects of aging and exercise training on mitochondrial function and insulin resistance in rat skeletal muscles</td>
<td>Hyo Burn Kwak (Inha University)</td>
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<td>17:40-18:00</td>
<td>Poster Presentation</td>
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<td>18:00</td>
<td>Closing Address: Jin Han (Inje University)</td>
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<td><strong>Closing Ceremony &amp; Welcome Reception</strong></td>
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How to pre-register

- Period of registration: From April 20, 2015 (Mon) to 17:00, May 15, 2015 (Fri)
- Please download the pre-registration form at the website of Cardiovascular and Metabolic Disease Center of Inje University (http://mitochondria.inje.ac.kr/), fill in the form, submit the form to the Office via e-mail and pay the registration fees.
- The number of registrants is limited to 90, and the applications are accepted on the first-come, first-served basis.
- Pre-registration through remittance of the registration fees is valid only, and no registration is accepted at the site.
- When you pay the registration fees for two or more, write down the name of the person who remits the fees or contact the Office. (Please submit the registration by individual.)

Registration fees

- KRW 70,000 (flat)
- Receipts, name badges and program books are distributed at the registration desk on the date of the event.
- Lunch, refreshments and welcome dinner (course menu) are included

Account information for payment of registration fees

- Kookmin, 564701-01-470536 (ThePlanB)
- Credit cards are not accepted and tax invoices and other forms of invoices are not issued, as the event will be held by a non-profit organization without business registration certificate and proper number card. The receipts in the name of the Chairman of the Organizing Committee and name badges will be given at the registration desk on the day of the event.

Terms of cancellation and refund

- In case of cancellation of registration by May 29, 2015 (Fri), 50% of the registration fees is refunded. The registration fees are not refundable after May 29, 2015.

Contact information

- IMPACT Office – The Plan B (Manager So-Jeong Kim)
- Direct line: 070-4658-5915
- Mobile: 010-9999-4966
- Tel: 1644-9625 (available from 09:00 to 17:00 please contact via e-mail during non-operating hours)
- Fax: 051-746-8407
- E-mail: richwoman.planb@gmail.com
How to submit an abstract

- Period of submission: From April 20, 2015 (Mon) to 17:00, May 15, 2015 (Fri)
- Please download the abstract submission form (http://mitochondria.inje.ac.kr/), prepare the form in Microsoft Word and submit the form to the Secretariat via e-mail (richwoman.planb@gmail.com).
- For modification of the abstract submitted, please contact the Secretariat.
- Please write the abstract in English, and keep the length of the abstract within 2,000 characters (up to 1 page).
- Pre-registration and payment of the registration fees are required for applicants submitting the abstract.
- For other inquiries, modification and deletion of the abstract, please contact the Secretariat.

How to submit a poster

- Period of submission: From April 20, 2015 (Mon) to 17:00, May 22, 2015 (Fri)
- Please download the poster submission form (http://mitochondria.inje.ac.kr/), prepare the form as a PPT file and submit the form to the Office via e-mail (richwoman.planb@gmail.com).
- The posters submitted are printed by the Office (for free of charge).
- Opportunities for exhibition and presentations of posters are given to 30 applicants submitting posters first. Pre-registration and payment of the registration fees are required.
- Please comply with the guidelines on font sizes and composition of the poster, defined in the poster application form.
- For other inquiries, modification and deletion of the abstract, please contact the Secretariat.

Contact information

- IMPACT Secretariat – The Plan B (Manager So-Jeong Kim)
  - Direct line: +82-70-4658-5915
  - Mobile: +82-10-9999-4966
  - Tel: +82-1644-9625 (available from 09:00 to 17:00, please contact via e-mail during non-operating hours)
  - Fax: +82-51-746-8407
  - E-mail: richwoman.planb@gmail.com
Venue Guidance

LOCATION
8F, 29 Millaksubyeon-ro, Suyeong-gu, Busan +82 (0)51-744-8448
부산시 수영구 민락수변로 29 바다마루 8층 051-744-8448

Public Transportation
- Subway: Exit 5, Line 2 Gwangan Station

"You can experience is the closest the Grand Gwangan Bridge."