

The Fourth International Biophilia Rehabilitation Conference

The proposition on rehabilitation, on the healthy side priority in order to activate the injured part of the brain

– To establish The Sustainable Aged Society –

Presented by The International Division of Biophilia Rehabilitation Academy

Sponsored by:

The Japanese National Foundation Association for Technical Aids

logistic support of:

the DRFZ, Germany

Purpose:

For innovation of the nursing care insurance

By Japanese Approach

One of the objectives of the conference is to make a global network for researchers and people who work for the rehabilitation medicine not only in the practical fields, but also in the basic research laboratories.

I hope that we are able to provide the opportunity for doctors, nurses, occupational therapists, physical therapists, and policy makers to discuss on various kinds of issues that we are facing in the rehabilitation medicine around the world. This conference will also provide the unique opportunity for the comparative studies on various topics about rehabilitation medicine between Asia and European countries.

Time: 9:30 Morning

Date: September 23, 2005

Place: Virchowweg 12, Campus Charite-Mitte, Deutsches Rheuma-Forschungszentrum Berlin (DRFZ), Germany

Conference Chair: Takuji Shirasawa, MD, PHD.

Program:

Master of ceremony: Hajime TAKADA, Dr. of Eng. (Mechanical Engineering), Professor of Faculty of Engineering, Yokohama National University (takada@ynu.ac.jp)

9:30 Opening Address

Takuji Shirasawa, MD, PhD

Conference Chair of the Fourth International Conference of the Biophilia Rehabilitation Academy

Director, Molecular Gerontology, Tokyo Metropolitan Institute of Gerontology

9:40 Welcome Address

Prof. Angela Zink, Deputy Director of the German Rheumatism Research Center and Head of the Epidemiology department

10:00 Address

Takizawa, Shigeo. Inventor and Founder

The chief executive officer, International Division of Biophilia Rehabilitation Academy

10:10 Sympoijium: "Muscle and Respritaroty Physiology in the elderly and model mice"

1. IGF-1 isoform and skeltal muscle regeneration

Nadine Winn

EMBL Mouse Biology Unit, Campus "A. buzzati-Traverso" Via Ramarini 32,

Monterotondo-Scalo, Italy

2. Athlete Mice with variant Hbs with Lowered Oxygen Affinity and

Enhanced Tissue Oxygenation

Takuji Shirasawa

Tokyo Metropolitan Institute of Gerontology

3. Respritaroty Health in the elderly

Professor M. Pokorski

Department of Respiratory Research, Medical Research Center, Polish Academy of Sciences, Warsaw, Poland

4. An Approach of the Innovation of Rehabilitation Medicine and Its Progress

Takizawa, Shigeo. Inventor and Founder

The chief executive officer, International Division of Biophilia Rehabilitation Academy

5. Physical activity and health of the elderly' the Nkanojyo Study

Yukitoshi Aoyagi and Roy J. Shepard

Tokyo metropolitan Institute of Gerontology, Tokyo, Japan and University of

Toronto, Toronto, Canada

14:00 General session

1. An Examination by Randomized Control Test of the effectiveness of
exercise therapy (Takizawa Program) on bedridden elderly patients •2 •

Mitsuyo Makita, MA. . Prof. (E-mail:makita@nuhw.ac.jp)

Niigata University of Health and Welfare, Department of Physical Therapy

2. Different changes of quantity due to aging in the psoas major and quadriceps femoris muscles in women

Kazuei Takahashi

Department of Health and Sports, School of Health Sciences,
Niigata University of Health and Welfare00

3. Gait analysis of rheumatoid arthritis by force plate and F-scan

Ichiro Watanabe Physical Medicine, Aomori University of Health and Welfare (E-mail: wichiro-hok@umin.ac.jp)

4. Development of walking ability classification system

Kei Kinoshita¹ (E-mail: kei-k@vib.me.ynu.ac.jp), Hajime Takada¹,

Yoshifusa Matsuura¹, Shigeo Takizawa²

¹Yokohama National University ²Biophilia Institute of Rehabilitation Inc

5. Evaluation of the walking ability by measuring the leg function with the motivative exercise device

Yusuke Komatsu¹ (E-mail: yusuke.k@vib.me.ynu.ac.jp), ¹Yokohama National University,

6. Effectiveness of Takizawa Physical Exercise Program on elderly patients

Yoshiko Morita MD

Director of Dept. of Rehabilitation Medicine Kawasaki Medical Hospital

7. Collaboration with Comprehensive Welfare Facility and

Key Hospital of the Community

KAZUKO HIZUTA, MD., KAZUO HAMAYA MD

Department of Rehabilitation Medicine

Okayama Saiseikai General Hospital

Board of Director, Okayama Saiseikai Hospital Group

17:00 Closing address

Kazuei Takahashi

Department of Health and Sports, School of Health Sciences,

Contact address:

Biophilia Rehabilitation Academy

5-4-105, Zengyo 7-chome, Fujisawa-shi, Kanagawa 251-0871 JAPAN

TEL+81 466 81 0204 / FAX+81 466 81 8815

biophilia@civilnet.org

<http://www.biophilia.info/berlin/index.htm>

<http://ibr.jstage.jst.go.jp/>

The proceedings of the conference 2005 costs 50 Euro.