The 12th Oxidative Stress · Antioxidant Seminar

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~Clinical Significance of Oxidative Stress Assessment, Carratelli Panel (d-ROMs, BAP tests and other), and its contribution to Predictive and Preventive Medicine~

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Diacron International

Venue Nomura Conference Plaza (2-4-3 Nihonbashi Muromachi, Chuo-ku, Tokyo JAPAN)

Date July 27st 2014 (Sun) 12:30 ～ 17:00

Organizer Wismerll Company Limited, Tokyo JAPAN / International Observatory of Oxidative Stress (Japan)

Cooperation International Observatory of Oxidative Stress (Italy) / Diacron Japan Company Limited

This seminar, which has been held every year since 2003, will be held this year as the 12th session. The terms “active oxygen” and “antioxidant” have commonly been used. Many investigators have requested that we establish institutions in which the level of oxidative stress and antioxidant capacity are measured.

As you know, chemical reactions are classified into two types: oxidation and reduction. Oxidation/reduction reactions between atoms/molecules influence cells, organs, and the general body.

The d-ROMs (degree of oxidation)/BAP (antioxidant level) tests, which are called the Carratelli Panel, are utilized in research fields/clinical practice in 40 countries or more in the world, becoming international criteria for oxidative stress assessment. In Japan, these tests are used in approximately 1,000 institutions. In Korea, they have been approved as in vitro diagnostics.

Measurement of oxidative stress/antioxidant capacity using the d-ROMs/BAP tests has the following 4 merits: (1) lifestyle assessment, (2) health monitoring, (3) evaluation of the efficacy of treatment, and (4) preventive medicine. In addition to these, a recent article suggested the disease-predicting capacity of the d-ROMs/BAP tests.

Therefore, the theme of the 12th Oxidative Stress/Antioxidant Capacity Seminar is the “Clinical significance of an oxidative stress-evaluating method, Carratelli Panel (d-ROMs/BAP tests), and its contribution to predictive/preventive medicine”.

Eight experts of various fields, obstetrics/gynecology, emergency medicine, gastroenterology, health checkup systems, preventive medicine, sports, vital information testing, and pediatric cardiology, from Japan and a cardiac surgeon from Italy, Dr. Donna, will present the latest information (total: 9 experts).

Special lectures will be given by Profs. Iorio and Scapagnini from Italy and Dr. Yamakado from Japan.

Prof. Iorio has lectured every year since the 1st seminar. Prof. Scapagnini will lecture on oxidative stress and aging based on cases in Okinawa for the first time at this seminar. Dr. Yamakado (9th participation in this seminar) will give a special lecture, entitled: “Lifestyle-related diseases are oxidative stress-associated diseases: The d-ROMs test for oxidative stress assessment and BAP test as a bridge to preemptive medical care for lifestyle-related diseases”.

I would like you to participate in this seminar.

International Oxidative Stress Research Organization (Japan)/
WISMERLL COMPANY LIMITED (President)

Mr. Yasuhiro Seki

Oxidative Stress · Antioxidant Seminar　Speakers & Titles of Lecture

Keynote Lecture 1

Presidento of International Observatory of Oxidative Stress, Italy

Prof. Eugenio Luigi Iorio MD. PhD.

Guidelines and protocols for the correct use of Panel Caratelli in predictive and preventive medicine

Keynote Lecture 2

Health Screening Center, Mitsui Memorial Hospital MD, PhD, Special Adviser
Ashikaga Institute of Technology, Department of Nursing Dean
Showa University School of Medicine, Department of Hygiene and Preventive Medicine Visiting Professor

Prof. Yamakado Minoru

Lifestyle-related disease is oxidative stress disease: Oxidative stress assessment, Carratelli Panel (d-ROMs/BAP test) is a translation to the preemptive medicine as prediction and prevention against lifestyle-related disease

Keynote Lecture 3

University of Molise, Department of medicine and health science. Italy

Prof. Giovanni Scapagnini MD. PhD.

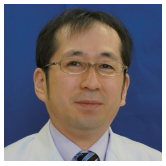
Oxidative stress and aging: the Okinawa model.

Lecture 1

International Observatory of Oxidative Stress Section of Finalized Clinical Research, Trani, Italy
Vascular surgeon

Dr Vincenzo Di Donna, MD, PhD

Life style, cardiovascular diseases and oxidative stress



Lecture 2

Department of Obstetrics and Gynecology, Aichi Medical University M.D.

Prof. Koichi Shinohara

Clinical usefulness of oxidative stress assessment in obstetrics and gynecological patients

Lecture 3

Department of Emergency and Critical Care Medicine, Juntendo University Urayasu Hospital
M.D.,PhD., Associate professor

Prof. Yoshiaki Inoue

Clinical application of oxidative stress as a biomarker in the Emergency Medicine

Lecture 4

Associate Professor, Departments of Gastroenterology/Internal Medicine,
Gifu University Graduate School of Medicine

Prof. Masahito Shimizu, M.D., Ph.D.

Hepatocellular carcinoma patients with increased oxidative stress levels are prone to recurrence after curative treatment : a prospective case series study using the d-ROM test

Lecture 5

Osaka Rosai Hospital, Chief of Diabetes Center and Department of medical checkup M.D.

Prof. Kayoko Ryomoto, M.D.

Oxidative Stress and Atherosclesosis in Metabolic Syndrom

Lecture 6

Directtor
Center for preventive medical treatment NTT Takamatsu Hospital

Prof. Toshiki Fukui

Investigation of the effects on oxidative stress of the new xanthine oxidase inhibitor.

Lecture 7

Department of Health and Physical Education Faculty of Education, Mie University
Professor, Ph.D

Prof. Masaaki Sugita

The relationship of exercise performance and oxidative stress in a variety of environments

Lecture 8

Department of Laboratory Science, Division of Health Sciences,
Yamaguchi University Graduate School of Medicine
Professor, Junzo Nojima, Ph.D.

Prof. Junzo Nojima

Oxidation stress index is useful for evaluation of prognosis of the post-cardiac arrest syndrome

Lecture 9

Professor and Chairman,
Department of Pediatric Cardiology and Nephrology,
Kyoto Prefectural University of Medicine Graduate School of Medical Science

Prof. Kenji Hamaoka, MD., PhD.

Oxidative Stress in Kawasaki Disease

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