

The 14<sup>th</sup>

# Oxidative Stress · Antioxidant seminar

~Contributions towards Preemptive Medicine by Oxidative Stress Assessment  
(Represented by the d-ROMs and BAP Tests) and Approaches for Oxidative Stress Reduction~



Venue

AKIHABARA Covention Hall (1-18-13 Sotokanda, Chiyoda-ku, Tokyo JAPAN)

Date

July 17<sup>st</sup> 2016 (Sun) 13:00 ~ 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

Thanks to your support, this seminar, which has been held annually since 2003, celebrates its 14th year.

The Carratelli Panel as a compressive oxidative stress assessment method, integrating the d-ROMs (oxidative stress level) and BAP (biologic antioxidant potential) tests, is currently being used for research and clinical services in more than 40 countries. Over the past 14 years, the tests have been used in more than 1,000 facilities in Japan, and more than 100 research papers reporting such use have been published on a global basis by Japanese researchers.

As a future trend, it is expected that they will be used more extensively, such as to maintain/improve athletes' conditions, clarify the effects of dietary supplements, and determine stress levels. In Korea, reagents for the d-ROMs and BAP tests were approved as in vitro diagnostics in 2014, and an increasing number of facilities are adopting these tests as health examination items.

To the present, oxidative stress and anti-oxidant measurement

using the d-ROMs and BAP tests has been reported to be useful for: 1) health monitoring, 2) lifestyle assessment, and 3) the evaluation of treatment effects, 4) contribute to Preventive Medicine. In addition to these, the results of recent studies suggest that it also contributes to Preemptive medicine by facilitating the prediction of diseases.

This year's seminar is entitled "Contribution towards Preemptive Medicine by Oxidative Stress Assessment (Represented by the d-ROMs and BAP Tests) and Approaches for Oxidative Stress Reduction" during which 2 and 8 lecturers from Italy and Japan, respectively, will discuss this including their latest research activities.

Your participation would be very much appreciated.

Thank you.



President of WISMERLL COMPANY LIMITED

*Mr. Yasuhiro Seki*

## Oxidative Stress · Antioxidant Seminar Speakers & Titles of Lecture



### Keynote Lecture 1

President of International Observatory of Oxidative Stress (Italy)

*Dr. Eugenio Luigi Iorio, MD, PhD*

Measuring the oxidative stress, a physiological mechanism of adaption of all living organism



### Keynote Lecture 2

Dean and Professor, Department of Nursing, Ashikaga Institute of Technology  
Special Advisor, Health Screening Center, Mitsui Memorial Hospital  
Visiting Professor, Showa University Faculty of Medicine, Department of Hygiene*Dr. Minoru Yamakado, MD, PhD*

Do d-ROMs and BAP tests become a bridge for preemptive medicine of lifestyle-related diseases?



### Lecture 1

Diacron International, R&amp;D Area, Biologist,

*Dr. Francesco Colombini*

The importance of oxidative stress assessment in preemptive medicine: current status and future research



### Lecture 2

Kiba Park Clinic Research Center, Researcher, Ph.D.

*Dr. Mamoru Kobayashi, Ph.D.*

Mammalian reproduction and oxidative stress



### Lecture 3

Assistant Professor, Division of Neurology, Second Department of Internal Medicine  
Deputy Chief, Division of Medical Genetics  
Faculty of Medical Sciences, University of Fukui*Dr. Masamichi Ikawa M.D., Ph.D*

Oxidative stress in mitochondrial diseases



### Lecture 4

Graduate School Department of Interdisciplinary Research  
University of YAMANASHI, Professor Ph.D*Dr. Katsubiro Koyama. Ph.D*

Importance of oxidative stress markers in the sports and health science.



### Lecture 5

Medical Corporation Enoshima Bengteng clinic: Director  
Institute of Resilient Medicine Japan: The chief director  
American Institute of Stress: Research Fellow & Japanese Branch Representative*Dr. Hiromichi Matsumura. M.D.*

Comprehensive Approach Utilizing Oxidative Stress To General Malaise



### Lecture 6

Cardiovascular Medicine, Kumamoto University Hospital

*Dr. Eiichiro Yamamoto. MD., Ph.D*

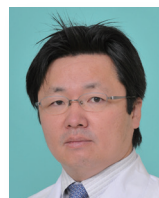
Reactive Oxygen Metabolites Are Closely Associated with the Diagnosis and Prognosis of Heart Failure with Reduced Left Ventricular Ejection Fraction



### Lecture 7

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

Arteriosclerosis due to oxidative stress in the antiphospholipid syndrome



### Lecture 8

Department of Gastroenterology  
Gifu University Graduate School of Medicine*Dr. Masahito Shimizu, M.D., Ph.D*

Chemoprevention of metabolic syndrome-related colorectal and liver carcinogenesis by targeting oxidative stress