



# Oxidative Stress.Antioxidant seminar

~Oxidative stress evaluation methods · Contribution of the Carratelli Panel to preventive medicine and health~

**Venue** Marunouchi Building Hall(Marunouchi Building 7F),Tokyo JAPAN

**Date** July 8th,2012(Sunday)12:30~17:00

**Organizer** WISMERLL Co., Ltd./Sponsor : Diacron Japan Co., Ltd.

This seminar has been held every year since 2003, and so the seminar this year commemorates the 10th anniversary. A total of 98 lecturers have given lectures to 2,000 participants. In this seminar, much discussion has been made over the past 10 years on oxidative stress as an important theme in preventive medicine. I would like to express my sincere thanks to the lecturers and participants.

Dr. Mauro Carratelli, who is an outstanding chemist in Italy, developed more than 10 types of oxidative stress evaluation method called Panel. In particular, the d-ROMs and BAP tests developed about 15 years ago allow straightforward measurement of "the degree of oxidative stress" and "antioxidative activity" with high reproducibility in a short time, and are widely used in research and clinical settings in various countries throughout the world. In Japan, these tests are not only performed for evaluation of the state of various diseases, but are also used as important parameters for the development of foods and drugs, and have been studied in recent years as methods for the objective evaluation of fatigue, pain, and the QOL. These tests have also been used in human dry docks as predictive markers for lifestyle-related diseases

such as atherosclerosis, diabetes mellitus, and cancer. Attention to these tests has been increasing in terms of health, anti-aging, and preventive medicine, and they are used in more than 800 institutions in Japan.

The theme of the 10th anniversary seminar is "Oxidative stress evaluation methods · Contribution of the Carratelli Panel to preventive medicine and health". Seven experts in Japan will give lectures on the latest information from various viewpoints such as veterinary medicine, sports, the circulatory system, ozone therapy, the autonomic nervous system, fatigue, and lifestyle-related diseases.

Special lectures will be given by Dr. Masayasu Inoue, who is a world-famous researcher of active oxygen species and free radicals as well as Chief Director of Miyagi University and Professor of Osaka City University, and Dr. Iorio, President of the International observatory of Oxidative Stress (Salerno, Italy) as well as Professor of Roma University. As the 10th anniversary lecture, Dr. Carratelli who developed the Panel will give a lecture on the latest information on development.

I hope that you will attend the seminar.



**The 10th anniversary keynote lecture** President/DIACRON INTERNATIONAL srl, Italy (Developer of d-ROMs, BAP test and FREE system)

## Dr. MAURO CARRATELLI

Subject ● History of the Carratelli Panel and usefulness of new tests

**Keynote lecture1** President/International Observatory of Oxidative Stress (Salerno, Italy)

## Prof. EUGENIO LUIGI IORIO

Subject ● Mechanism of an increase in oxidative stress and importance of the comprehensive evaluation of oxidative stress



**Keynote lecture2** Vice President/Miyagi University Professor & Chairman/Brain Science Institute Osaka City University Medical School

## Prof. Masayasu Inoue M.D., Ph.D.

Subject ● Free Radical Theory of Life, Aging, and Death



**lecture1** Assistant Professor/Nihon University College of Bioresource Sciences

Dr. Tadashi Sano Ph.D.

subject ● Basic Study of Stress-related Responses in Perioperative Management



**lecture5** the Chairman of the Board, International Foundation of Comprehensive Medicine  
WHO professor in psychosomatic medicine and psychopharmacology

Prof. Katsutaro Nagata M.D., Ph.D.

subject ● Oxidative stress regulation system as a prohomeostatic system -correlation with autonomic nervous system and cortisol-



**lecture2** Professor/Faculty of Human Development and Culture Fukushima University

Prof. Kazuhisa Kawamoto M.D., Ph.D.

subject ● The use of the d-ROMs test and the BAP test in the sport conditioning.



**lecture6** Professor/Department of Health Science, Faculty of Health Science for Welfare, Kansai University of Welfare Sciences  
Visiting Professor/Clinical Center for Fatigue Science, Osaka City University Medical School  
Clinical Professor/Graduate School of Agricultural and Life Sciences, The University of Tokyo

Prof. Hirohiko Kuratsune M.D., Ph.D.

subject ● Objective method for evaluating the fatigue state



**lecture3** Assistant Professor/Department of Cardiology, Nagoya University Graduate School of Medicine

Dr. Rei Shibata M.D., Ph.D.

subject ● Clinical significance of the oxidative stress markers in atherosclerosis



**lecture7** Director/Center for Multiphasic Health Testing Services, Mitsui Memorial Hospital  
Visiting Professor/Department of Hygiene and Preventive Medicine, Showa University School of Medicine

Prof. Minoru Yamakado, M.D., Ph.D.

subject ● Role of biological antioxidant potential and reactive oxygen metabolites ratio in the pathogenesis of glucose intolerance and insulin resistance



**lecture4** President/Tokai Watarai Clinic  
President/Japanese Society of Oxidative Medicine

Dr. Takeo Watarai M.D., Ph.D.

subject ● Antioxidative Effects of Oxidative Therapy



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