

The 9<sup>th</sup>

## Oxidative Stress · Antioxidant Seminar

Contributions towards Preventive Medicine  
and Health by the assessment of Oxidative Stress and Antioxidant test



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

Date **May 22<sup>th</sup>, 2011(Sunday) 13:00~17:30**

Organization **Wismerll Institute, Tokyo JAPAN**

The d-ROMs and BAP tests, which were developed by Mr. Mauro Carratelli (chemist, Italy) about 15 years ago, facilitate measurement of "oxidative stress" and "antioxidant capacity" in blood in a short time with high reproducibility. Currently, these tests are internationally employed in the field of research/clinical practice. In Japan, this system was introduced by Wismerll Company Limited in 2003. It is utilized in approximately 800 hospitals.

In Japan, this system is applied to evaluate various diseases and obtain parameters important for food/drug development. Recently, research has been promoted for the objective assessment of fatigue, pain, and QOL. Furthermore, the two tests are also employed for "Ningen-dock"(health checkup) as predictive markers of lifestyle-related diseases such as arteriosclerosis, diabetes, and cancer. The importance of this system has been emphasized every year with respect to human health care, anti-aging, and preventive medicine.

The "9th Seminar on Oxidative Stress/Antioxidant Capacity" will be held to introduce the latest findings and clinical results obtained using this system.

Nine experts in various fields in Japan will present the results of research on cardiology, geriatrics, oncology, oral surgery, psychosomatics, lifestyle-related diseases, preventive medicine, health checkup, and fatigue, including the latest information. Furthermore, Prof. Masayasu Inoue (Osaka Prefectural University), who is internationally famous for free radical research, and a professor of Roma University (Italy), who will come to Japan as his 10th visit, Prof. Eugenio Iorio (M.D., Ph.D., President of the International Observatory of Oxidative Stress, Salerno, Italy) will give special lectures. Mr. Filippo Carratelli is going to visit Japan instead of Mr. Carratelli (developer) and introduce a new measurement method that is being developed.

We would appreciate it if you participate in this seminar.

## Morning session

**Basic Course / Fundamental principle and significance of Oxidative Stress Assessments  
(d-ROMs, BAP and other Carratelli Panel)**

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

**Keynote Lecture**

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

**Prof. Eugenio Luigi Iorio M.D., Ph.D.**

Contributions to Preventive Medicine and Health by assessment of total Oxidative stress, and the latest finding in the world

**Keynote Lecture**

Professor/Department of Biochemistry & Molecular Pathology,  
Osaka City University Medical School

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

Free Radical Theory of Evolution and Survival Instinct



Vice President and Chief/  
product-development of Diacron International srl

**Mr. Filippo Carratelli**

History of the Carratelli Panel and Introduction of new Carratelli tests



Director/International Foundation of Comprehensive Medicine  
Professor/Department of Psychosomatic Medicine and Psychopharmacology, WHO

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

The oxidative balance defense system of general Japanese population



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

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

d-ROMs and BAP tests as a novel biomarkers  
for hypertensive vascular lesions



Associate Professor/Department of Maxillofacial Surgery,  
School of Life Dentistry at Tokyo, The Nippon Dental University

**Dr. Tomonori Matsuno D.M.D., Ph.D.**

Hyposalivation is inhibited by oxidative stress



Professor/Department of Health Science, Faculty of Health Science for Welfare,  
Kansai University of Welfare Sciences  
Professor Emeritus/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 Kutatsune M.D., Ph.D.**

Objective methods for evaluating the fatigue state  
-the association between oxidant stress and fatigue state-



Professor/Department of Laboratory Science,  
Yamaguchi University Graduate School of Medicine

**Prof. Junzo Nojima Ph.D.**

New biomarker "oxidation stress degree" to evaluate a malignancy  
of the non-Hodgkin's lymphoma



Director/Preventive Medicine Laboratory,  
Clinical Research Center, National Kyoto Medical Center

**Dr. Naoki Sakane M.D., Ph.D.**

Clinical significance of oxidative stress marker in diabetes care



Director/Hitsumoto Medical Hospital

**Dr. Takashi Hitsumoto M.D.**

Significance of the d-ROMs test in elderly persons



Lecturer/Department of Clinical Laboratory Medicine, Jichi Medical University  
Professor Emeritus/Glycation, Oxidation and Disease Laboratory,  
Touro University-California, Vallejo, CA, USA

**Dr. Kazuhiko Kotani M.D., Ph.D.**

Significance of measuring oxidative stress in lipid control



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

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

Clinical significance of the oxidative stress markers  
in cardiovascular disease