

***Proceedings of 19th Ozone World Congress of the IOA
Tokyo, Aug 31 –Sept 3, 2009***

Medical Session

Oral Presentations : Sept. 2-3, Room4

Poster Presentations : Sept.1 – 3, Exhibition Room

*Japan Research Association for the Medical &
Hygienic Use of Ozone*

2009

19th Ozone World Congress of the IOA

Tokyo Aug31 – Sept 3, 2009 (Medical Session Sept. 2-3, Room4)

Wednesday, September 2, Morning Session

9:00-9:10 Welcome and opening, Katsuhiko Nakamuro

Session 1

医療用オゾンの薬理学的特性：反応機序、作用機序、生体モデル、動物モデル
Pharmacological Aspects of Medical Ozone: Reaction Mechanism, Mechanisms of Action, Biological Models, Animal and Cell Models.

9:10-9:45 Keynote Lecture

(MS1-1) 生物学的調節因子としての低用量医療用オゾン：セカンドメッセンジャーとしての
オゾン過酸化物 1

Low-Dose Medical Ozone as a Bioregulator. "Ozone Peroxide" as Second Messenger Molecule?
Renate Viebhan-Haensler

"Medical Society for the use of ozone in prevention and therapy" and
Dr.J.Hänsler GmbH Ifezheim/Baden-Baden, Germany .

9:45-10:15 椎間板ヘルニア患者における脱出や突出状態に対するオゾン酸化処置後効果 12

(MS1-2) Ozone Oxidative Postconditioning Efficacy on the Prolapse and Protrusion Phases in Patients
with Disc Hernia

Olga Sonia León Fernández⁽¹⁾, Marelis Pantoja⁽¹⁾, Luis Ledesma⁽¹⁾, Renate Viebhan⁽²⁾, Lamberto Re⁽³⁾, Silvia Menéndez⁽⁴⁾, José L. Calunga⁽⁴⁾

(1) Pharmacology Department/Center for Research and Biological Evaluation., Pharmacy and
Food Institute. University of Havana, Cuba.

(2) Dr. J Hänsler GmbH, Ifezheim, Germany.

(3) Laboratory of Pharmacology Biotechnology. University of Ancona, Italy.

(4)Ozone Research Center. Havana, Cuba

10:15-10:45 アジュバンド惹起関節炎ラットの酸化状態に与えるオゾン酸化前処置の効果 21

(MS1-3) Effect of Ozone Oxidative Preconditioning on Oxidant Status of Adjuvant Arthritic Rats

M.Nabil.Mawsouf⁽¹⁾, Maha.M. El-Sawalhi⁽²⁾, Hebatalla A. Darwish⁽²⁾ and Amira A. Shaheen⁽²⁾

(1) Ozone Therapy Unit, National Cancer Institute, Cairo University, Cairo, Egypt

(2) Biochemistry Department, Faculty of Pharmacy, Cairo University, Cairo, Egypt

10:45-11:05 イヌ・ネコにおけるオゾン療法 30

(MS1-4) Ozonetherapy for Dogs and Cats

Nashiku Shimizu⁽¹⁾, Noriko Shimizu⁽¹⁾, Makoto Washizu⁽²⁾

1)Acacia Animal Hospital, Tokyo, Japan,

2) Nippon Veterinary and Life Science University, Mitaka, Japan

11:05-11:15 Discussion

11:15-11:45 Coffee Break

11:45-12:15 (MS1-5)	急性腎不全におけるオゾン酸化処置 Ozone Oxidative Postconditioning in Acute Renal Failure José Luis Calunga ¹⁾ , <u>Silvia Menéndez</u> ¹⁾ , Zullyt Zamora ²⁾ , Nelson Merino ³⁾ , Teresa Montero ⁴⁾ and Yaima Alonso ²⁾ 1) Ozone International Clinic, Ozone Research Center, Havana, Cuba 2) Department of Biomedicine, Ozone research center, Havana, Cuba 3) Centre for Pharmaceutical Chemistry, Havana, Cuba 4) "Luis Diaz Soto" Military Medicine Institute, Havana, Cuba 41
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12:15-12:30 Discussion

Wednesday, September 2, Afternoon Session

Session 2 臨床報告と治療戦略：血管疾患、糖尿病、慢性炎症疾患
Clinical Reports and Treatment Strategies: Angiopathia, Diabetes and Chronic Inflammatory Diseases

14:00-14:35 (MS2-1)	Keynote Lecture 糖尿病性下肢創傷の集中治療：補助剤としてオゾン局所治療を行った 198 人の患者での 10 年の経験 The Intensive Care of Lower Limb Diabetic Wounds: Our 10-Year Experience in 198 Patients Treated Topically with Ozone as Adjunctive Agent. <u>Noam Calderon</u> , Teddy Kaufman, Leonid Bryzgalin, Munir Awad Division of Plastic and Reconstructive Surgery, Bnai-Zion Medical Center, Haifa, Israel 52
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Session 3 臨床報告と治療戦略：ウイルス性疾患、がんの相補療法
Clinical Reports and Treatment Strategies: Complementary therapy of Viral and Oncology Diseases

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Session 3

臨床報告とその療法：ウイルス性疾患、がんの相補療法

Clinical Reports and Treatment Strategies: Complementary therapy of Viral and Oncology Diseases

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Yoshiharu Okamoto¹⁾, Takuro Mori¹⁾, Takeshi Tsuka¹⁾, Masahiiko Sugiyama¹⁾, Saburo Minami¹⁾,
Toru Kitamura²⁾, Harunari Okamoto³⁾
1) Tottori University, Tottori, Japan, 2) Globe, Tottori, Japan, 3) Sakuragawa Engineering
Co. Ltd., Ibaraki, Japan
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Schuppert, A
Clinic for cancer therapy on scientific, complementary basis
(Praxisklinik, Ganzheitliche Krebstherapie), Bonn, Germany
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M. N. Mawsouf¹⁾ and T. Tanbouli²⁾
1) Cancer Institute, Cairo University, Cairo, Egypt, 2) Cairo Medical Clinics, Cairo, Egypt
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Hirobumi Tokuyama¹⁾, Chikaaki Kusaka²⁾, Tsutae NAGATA²⁾, Nariko Shinriki³⁾,
1) Department of Internal Medicine, School of Medicine Keio University, Tokyo, Japan,
2) Ozone/Magnetic Therapy Research Laboratory, Tokyo, Japan,
2) Tsukuba Materials Information Laboratory, Sapporo, Japan
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Asotateno Hospital, Kumamoto, Japan
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Fumitoshi Sakazaki¹⁾, Hiromi Kataoka²⁾, Masanori Senma²⁾, Tomofumi Okuno¹⁾, Hitoshi
Ueno¹⁾, Katsuhiko Nakamuro¹⁾

- 1) Faculty of Pharmaceutical Sciences, Setsunan University, Hirakata, Japan
 2) School of Pharmaceutical Sciences, Mukogawa Women's University, Nishinomiya, Japan

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Toshiaki Miura¹⁾, Atsushi Iwai¹⁾, Koichi Tamoto²⁾, Akinori Yamazaki²⁾, Hiromi Nochi²⁾
 (1) Graduate School of Pharmaceutical Sciences, Hokkaido University, Sapporo, Japan,
 (2) Faculty of Pharmaceutical Sciences at Kagawa Campus, Tokushima Bunri University,
 Sanuki, Japan

12:30-12:45 Discussion

Thursday, September 3, Afternoon Session

Session 4 臨床報告と治療戦略：疼痛管理、間接内注入、椎間板内注入、圧痛点、リウマチ疾患における
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**Clinical Reports and Treatment Strategies: Ozone in Pain Management, Intraarticular and
 Intradiscal Injections, Trigger Points, Rheumatology**

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Tsutaie Nagata, Ozone/Magnetic Therapy Research Laboratory, Kusaka Clinic, Tokyo, Japan

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L. Re¹⁾, G. Martinez-Sanchez²⁾, G. Malcangi³⁾, A. Mercanti³⁾, V. Labate³⁾
 1) Molecular Pharmacology, University of Ancona, Ancona, Italy
 2) Center of Studies for Research and Biological Evaluation (CEIEB-IFAL), University of
 Havana, Havana, Cuba, 3) Medinat Clinic, Camerano, Italy

16:05-16:15 Discussion

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Tokyo Aug 31 – Sept 3, 2009 (Medical Session Sept 2–3): Chairperson Table

Moderator, 総合司会 Miura, T., Interpreter 通訳者: Nagata, T.

<p>Wednesday, September 2, Morning Session</p>	<p>Thursday, September 3, Morning Session (cont. from September 2)</p>
<p>9:10~12:30 Renate Viebhan-Haensler, Miura, T., Washizu, M.,</p>	<p>9:00~12:45 Silvia Menéndez, Uemura, S. Shimizu, N.</p>
<p>Session 1 医療用オゾンの薬理学的特性: 反応機序、作用機序、生体モデル、動物モデル Pharmacological Aspects of Medical Ozone: Reaction Mechanism, Mechanisms of Action, Biological Models, Animal and Cell Models.</p>	<p>Session 3 臨床報告とその療法: ウイルス性疾患、 がんの相補療法 Clinical Reports and Treatment Strategies: Complementary Treatment of Viral and Oncological Diseases</p>
<p>Wednesday, September 2, Afternoon Session</p>	<p>Thursday, September 3, Afternoon Session</p>
<p>14:00~15:10 Noam Calderon, Sugihara, N.</p>	<p>14:00~17:40 Fahmy, Z., Lehnert, Th., Nagata, T.</p>
<p>Session 2 臨床報告と治療戦略: 血管疾患、 糖尿病、慢性炎症疾患 Clinical Reports and Treatment Strategies: Angiopathia, Diabetes and Chronic Inflammatory Diseases</p>	<p>Session 4 臨床報告と治療戦略: 疼痛管理、 間接内注入、椎間板内注入、圧痛点、 リウマチ疾患におけるオゾン Clinical Reports and Treatment Strategies: Ozone in Pain Management, Intraarticular and Intradiscal Injections, Trigger Points, Rheumatology</p>
<p>Wednesday, September 2, Afternoon Session</p>	
<p>15:10~16:00 Silvia Menéndez, Nagata, T.</p>	
<p>Session 3 臨床報告と治療戦略: ウイルス性疾患、 がんの相補療法 Clinical Reports and Treatment Strategies: Complementary Treatment of Viral and Oncological Diseases</p>	
<p>17:00~ Practical Session (Kusaka Clinic)</p>	

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Poster Program

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	1 Osaka Prefectural Institute of Public Health, Japan.	
	2 Setsunan University Faculty of Pharmaceutical Science, Japan.	
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	1) Kanozo Council for the filtration system of ozone treatment, 2) Center for Regional and International	
	Collaboration, Kochi University, 3) Ecology Sciences, Inc., 4) Faculty of Pharmaceutical Sciences, Setsunan	
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