

19th Ozone World Congress of the IOA

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

Wednesday, September 2, Morning Session

9:00-9:10 Welcome and opening

Session 1 Pharmacological Aspects of Medical Ozone: Reaction Mechanism, Mechanisms of Action, Biological Models, Animal and Cell Models.

9:10-9:45 Keynote Lecture

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 Iffezheim/Baden-Baden, Germany .

9:45-10:15 Ozone Oxidative Postconditioning efficacy on the Prolapse and Protrusion phases in patients with Hernia Disc

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, Iffezheim, Germany. (3) Laboratory of Pharmacology Biotechnology. University of Ancona, Italy. (4) Ozone Research Center. Havana, Cuba

10:15-10:45 Effect of Ozone Oxidative Preconditioning on Oxidant Status of Adjuvant Arthritic Rats

M.Nabil.Mawsouf¹⁾, Maha.M. El-Sawalhi²⁾, Hebatalla A. Darwish²⁾ and Amira A. Shaheen²⁾

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 Ozone Therapy for Dogs and Cats

Nashiku Shimizu¹⁾, Noriko Shimizu¹⁾, Makoto Washizu²⁾

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

11:45-12:10 Understanding the Molecular Actions of Ozone. Ozone in Medicinal Research

Douglas W. Oliver, C.B. Brink, D.P. Venter, B.P.J. van Niekerk, A. Pretorius and J. Lotriet

North-West University Potchefstroom Campus, Pharmacology, School of Pharmacy, Potchefstroom, South Africa

- 12:10-12:40 Ozone Oxidative Postconditioning in Acute Renal Failure
José Luis Calunga¹⁾, Silvia Menéndez¹⁾, Zullyt Zamora²⁾, Nelson Merino³⁾, Teresa Montero⁴⁾
and Yaima Alonso²⁾
- 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

12:40-12:50 Discussion

Wednesday, September 2, Afternoon Session

Session 2 Clinical Reports and Treatment Strategies: Angiopathia, Diabetes and Chronic Inflammatory Diseases

- 14:00-14:35 **Keynote Lecture**
The intensive Care of Lower Limb Diabetic Wounds: our 10 Years Experience in 198 Patients treated topically with ozone as adjunctive agent.
Noam Calderon, Teddy Kaufman, Leonid Bryzgalin, Munir Awad
Division of Plastic and Reconstructive Surgery, Bnai-Zion Medical Center, Haifa
- 14:35-15:00 Role of Medical Ozone and HBO in Badly Healing Ulcers.
M. Nabil Mawsouf,
National Cancer Institute, Cairo University, Cairo, Egypt
- 15:00-15:10 Discussion

Wednesday, September 2, Afternoon Session

Session 3 Clinical Reports and Treatment Strategies: Virus Cased Diseases and Complementary Oncology

- 15:10-15:50 **Keynote Lecture**
Ozone Therapy in Cancer Treatment . State of the Art
Silvia Menéndez
Ozone Research Center , National Center for Scientific Research, Havana, Cuba
- 15:50-16:00 Discussion
- 17:00- Practical Session

Thursday, September 3, Morning Session (cont. from September 2)

Session 3 Clinical Reports and Treatment Strategies: Virus Cased Diseases and Complementary Oncology

- 9:00-9:20 Anti-tumor Effect of Ozone Water
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
- 9:20-9:50 Intratumoral Ozone Therapy - An Important Step in Improving the Control of Tumor Growing
Schuppert, A
Clinic for cancer therapy on scientific, complementary basis
(Praxisklinik, Ganzheitliche Krebstherapie), Bonn, Germany
- 9:50-10:00 Discussion
- 10:00-10:30 Ozone Therapy in Patients with Viral Hepatitis "C". Ten Years Experience
M. N. Mawsour¹ and T. Tanboul²
1) Cancer Institute, Cairo University, Cairo, Egypt, 2) Cairo Medical Clinics, Cairo, Egypt
- 10:30-10:50 Efficacy of Ozone Therapy for Postherpetic Neuralgia (PHN)
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,
3) Tsukuba Materials Information Laboratory, Sapporo, Japan
- 10:50-11:00 Discussion
- 11:00-11:30 Coffee Break
- 11:30-11:50 Clinical Comparative Study of Ozone Therapy and Guideline Therapy in Pressure Ulcer
S.Uemura, T.Ichihara, A.Watanabe, K.Nakahara, T.Yoshimi, J.Uemura
Asotatenno Hospital, Kumamoto, Japan
- 11:50-12:10 Ozonated Olive Oil Enhances the Growth of Granulation Tissue in a Mouse Model of Pressure Ulcer
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

12:10-12:30 Components and Anti-inflammatory Action Mechanism of Ozonized Olive Oil
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 Clinical Reports and Treatment Strategies: Ozone in Pain Management, Intraarticular and Intradiscal Injections, Triggerpoints, Rheumatology

14:00-14:35 **Keynote Lecture**
Ozone Therapy for Fibromyalgia Syndrome (FMS) and Spinal Canal Stenosis
Tsutae Nagata, Ozone/Magnetic Therapy Research Laboratory, Kusaka Clinic, Tokyo, Japan

14:35-15:10 **Keynote Lecture**
Fibromyalgia - A Controlled Clinical Study with Ozone vs Local Anesthetic
Fahmy, Z Augusta-klinik, Bad-Kreuznach, Germany

15:10-15:45 **Keynote Lecture**
Final Results of Combined Intradiscal and Periganglionic Injection of Medical Ozone and Periganglionic Administration of Steroids and Anesthetic for the Treatment of Lumbar Disk Herniation: Effects on Disk Size and Lumbar Radiculopathy.
Lehnert, Th. M.G. Mack, T.J. Vogl
Institute of Radiology, University Frankfurt, Germany

15:45-16:05 Ozone Therapy: A Clinical Study on Pain Management
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

16:15-16:40 Coffee Break

16:40-17:00 Treatment of Lumbodinia and Sciatica with Ozone Therapy
Ortiz Alejandro¹⁾, Alcantara-Canseco Cesar²⁾
1) Orthopaedic & Traumatology, Mexico, 2) Resident of Orthopaedic & Traumatology, Mexico

17:00-17:20 Postoperative Pain Relief by Ozone Therapy in Patients Undergone Hemorrhoidectomy
Hiroshi Gotoh
Gotoh Gastrointestinal and Proctology Clinic, Simonoseki, Japan

17:20-17:30 Development of Small-sized Generator of Ozone-dissolved Water Using Boron Doped Diamond Electrodes

N. Kitaori¹⁾, K. Nakamuro²⁾, M. Tanaka³⁾, and Y. Nishiki³⁾

1) Department of Chemical Science and Engineering, Tokyo National College of Technology, Hachioji-city, Tokyo, Japan,

2) Faculty of Pharmaceutical Sciences, Setsunan University, Hirakata, Japan,

3) Research and Development, Permelec Electrode Ltd., Fujisawa, Japan

17:30-17:40 Discussion

17:40-17:55 Summarizing the whole meeting by Renate Viebahn

17:55-18:00 Closing