

Curriculum Vitae
Lamberto Re

Lamberto Re was born in Ancona, Italy, September 24th, 1950

1973 - 1983 Student in the Pharmacological Department of the University of Ancona, Medical School.

Medical Doctor Degree in 1983.

State Certificate in November 1983.

1989 ... Included in the Disciplinary Group n. 70 (BIO 14) by the Official National Commission since 22nd June, 1989.

Professor of "Molecular and Cellular Pharmacology" in the Medical Faculty of the University of Ancona.

Professor of "Pharmacological Biotechnology" and "Pharmacology" in the Science Faculty of the same University.

Expert of basic experimental techniques in Pharmacology such as in-vitro assays and in-vivo experimental Toxicology. In collaboration with Dr Walter Stühmer and Dr. Erwin Neher of the Max Plank Institute in Gottingen, is expert in the techniques of the Loose Patch Clamp and Patch Clamp for the characterization of the synaptic transmission in neuronal synapses.

Participated at a "Working Stage Training" held at the FIDIA-Georgetown Institute for the Neuroscience, Georgetown University Medical School of Washington (USA) in the year 1990.

Invited by the Editorial Board of the Archives of Medical Research to be included in the International Editorial Committee since July 1994. Referee of the following international journals: Life Sciences (Pharmacology Letters), Pharmacological Research, General Pharmacology, Archives of Medical Research, Toxicology Mechanisms and Methods, Chemical Biology & Drug Design.

Invited at the III International Symposium on Receptors held at the University of Chile, Medical School of Santiago, April 23rd -25th, 1996.

Participated to the Congress on the definition of the guidelines in ozone-therapy held in Padua, IT, from 21st to 22nd September, 2001.

Invited at the 15th International Congress of the International Ozone Association held in London, UK, 10th - 15th September 2001 participated as Chairman and with an oral presentation to the Workshop.

Invited by the DOHMS of Dubai, UAE, where participated to an epidemiological pilot study for the evaluation of the therapeutic potential of oxygen-ozone mixtures. The study started in September 2002 at Rashid Hospital, P.O. Box : 4545, Dubai, United Arab Emirates.

Invited as Senior Expert at the Complementary and Alternative Medicine Evidence Based Medicine, held in Dubai October 6th 2004 at the Al Amal Hospital, Jumeira, Dubai.

Invited as Chairman at the Arab Health 2005 Congress, Complementary Medicine Conference, held in Dubai February, 12nd 13rd 2005.

Invited as Honorary Member of the Cuban Pharmacology Society at the "VI Congress of Pharmacology and Therapeutics" held in Santiago de Cuba from 21 till 25 of November 2005.

Invited as Speaker at the 4^o European Course ECM "Chirurgia miniinvasiva del rachide: impieghi dell'ozono" (minimally invasive surgery of the spine: ozone challenge) Treviso February, 24-25 2006.

Professor and Lecturer on Ozone Therapy and its Medical Uses in Sport and other Pain related disorders performed Courses in the USA (Phil Mollica ODS Center January 2008) and in Dubai (CAM service of Minister of Health, 2005-2008).



Invited as “Expert International in Ozonoterapie” at the “Casa Adam Muller”, Guttembrunn Timisoara, Rumania to take part at a conference on Ozone Application in October 26th 2006.

Invited as Chairman at the “International Congress” on “Ozone in Medicine”, European Cooperation of Medical Ozone Societies, Baden-Baden, November 1st 2008.

Invited as Speaker at the Primer Congreso Internacional de Aepromo “Nuevos Horizontes Para la Ozonoterapia”, Pontevedra, Spain, June 5th 2009.

Participated as Lecturer at the last IOA international Congress of Tokyo, September 2009.

Invited from the Medical Committee of the Egyptian Navy Alessandria, to the 4th Annual Scientific Conference of Naval & Hyperbaric Medicine, Ozone as helpful agent (November 2009).

Invited to be part of the Scientific Committee, and as a speaker at the “International Encounter of Ozone Therapy Schools” held at the headquarters of the National Royal Academy of Medicine (RANM for its acronym in Spanish) located in the capital of the Kingdom of Spain, on Thursday the 3rd and Friday the 4th of June 2010. Event declared of “Health Interest” he has been one of the active Promoting Members of the Madrid Declaration on Ozone Therapy towards the aim of setting worldwide measures how to practice ozone therapy to prevent its misuse and fulfilling the maximum benefit.

In the last years participated upon invitation as speaker and chairman to the most important international events in the field of Ozone application included Mexico 2010, Brescia 2011, Istanbul 2011, Rio de Janeiro 2011.

Invited in the year 2011 from the Court of Arbitration of Sport in Losanna to clarify the effects of ozone in the Sport and in the doping context. The question was discussed at the Court of Lausanne where we clarify to the Judges and to the experts of the Italian Committee (CONI) the scientific data concerning ozone therapy with the conclusion sentence that so far ozone could not be included into the forbidden substances as seen in the Art. 3 of the WADA Code.

Invited to the “Advances in Evidence Based Integrative Medicine” Held in Dubai, Dubai Healthcare City, 17 May 2012.

Invited as Lecturer at the first international symposium on ozone therapy held at the Medical Faculty of the University of Chile, Santiago, October 12-13, 2012.

- Member of the Italian Pharmacological Society since 1978.
- Member of the Latino American Society of Natural and Traditional Medicine since 1994.
- Member of the Italian Medical Ozone Association since November 1999.
- Member of the Italian Federation of Ozone (FIO) was included since 2005 in the Scientific Committee of the same Society.
- Member of the AEPROMO Spanish Association since 2008.
- Member of the ISCO3 Board since its Foundation in 2010.

Author of 199 publications in extenso; among these 129 on international journals and cited in the Journal Citation Reports with a mean impact factor of 2.85.

Since 1996 produced 55 scientific contributions on the pharmacology characterization of ozone and its clinical applications.

Languages: English, written and spoken; Spanish, spoken.

Publications

- 1- **L. Re**, A. Valli, S. Barocci, Giammarchi V., Serresi, M., Faini, T., Ricci, M., Morales, M.A. and León-Fernández, O.S, **Effects of low oxygen-ozone concentrations on the acetylcholine release at the mouse neuromuscular junction**, Gen. Pharmacol., **32** (2), 245-250, 1999.
- 2- **L. Re**, **Ossigeno-Ozono terapia in un paziente sofferente di Lupus Eritematoso Sistemico: Case Report**, in "L'ozonoterapia nel 2000", Eds. Libreria Cortina Torino, pagg. 137:139, 1999.
- 3- **L. Re**, **Effetti di basse concentrazioni di ossigeno-ozono sul rilascio di acetilcolina nella placca neuromuscolare**, in "L'ozonoterapia nel 2000", Eds. Libreria Cortina Torino, pagg. 113:118, 1999.
- 4- **L. Re**, **Molecular basis of the ozone-oxygen therapy: perspectives and therapeutic potential**, PhleboLymphology, Special Issue, November 18-20, 1999, pag. 108.
- 5- S. M. Al-Dalain, G. M. Sánchez, E. Candelario-Jalil, S. Menendez, **L. Re**, A. Giuliani, O. S. León-Fernández, **Ozone treatment reduces biomarkers of oxidative and endothelial damage in an experimental diabetes model in rats**, Pharmacol Res, Vol 44(5), 391-396, 2001.
- 6- H Ajameh, N Merino, E. Candelario-Jalil, S. Menendez, G. M. Sánchez, **L. Re**, A. Giuliani, O. S. León-Fernández, **Similar protective effect of ischemic and ozone oxidative preconditioning in liver ischaemia/reperfusion injury**, Pharmacol Res, Vol. **45** (4), 333-339, 2002.
- 7- **Lamberto Re** e Francesca Rossini, **Ossigeno-Ozono Terapia nello Sport: Case Report**, L'Allenatore, FIGC, Vol. 6, 29-30, 2003.
- 8- Ajamieh HH, Menéndez S, Martínez-Sánchez G, Candelario-Jalil E, **Re L**, Giuliani A and Olga Sonia León Fernández. **Effects of ozone oxidative preconditioning on nitric oxide generation and cellular redox balance in a rat model of hepatic ischaemia- reperfusion**. Liver International, 24, 55-62, 2004.
- 9- Hussam Hassam Ajamieh, Silvia Menéndez, Nelson Merino, Gregorio Martinez-Sanchez, **Lamberto Re**, Olga Sonia León, **Ischaemic and Ozone Oxidative Preconditioning in the Protection Against Hepatic Ischaemia-Reperfusion Injury**, OSE/NG/01-35, Ozone Science & Engineering, 2004.
- 10- Hussam H Ajamieh, Jorge Berlanga, Nelson Merino, Gregorio M. Sánchez, Eduardo C. Jalil, Silvia M. Cepero, Attilia Giuliani, **Lamberto Re**, Igor Popov, Olga S. León, **Role of Protein Synthesis in the Protection Conferred by Ozone-Oxidative-Preconditioning in Hepatic Ischaemia/Reperfusion**, Transplant International, 18, 604-612, 2005.
- 11- S. M. Al-Dalain, G. Martínez, S. Menéndez, **L. Re**, A. Giuliani, E. Candelario-Jalil, H. Álvarez, J. I. Fernández-Montequín and O. S. León. **Therapeutic Efficacy of Ozone in Patients with Diabetic Foot**, Eur J Pharmacol, 523, 151-161, 2005.
- 12- **Lamberto Re**, Mohamed N. Mawsouf, Silvia Menéndez, Olga S. León, Gregorio M. Sánchez, Frank Hernández. **Ozone Therapy: Clinical and Basic Evidence of its Therapeutic Potential**, Archives Med Res, **39**: 17-26, 2008.
- 13- Olga S. León Fernández, HH Ajamieh, Jorge Berlanga, Silvia Menéndez, Renate Viebahn-Hansler, **Lamberto Re**, Anna M Carmona. **Ozone Oxidative Preconditioning is Mediated by A1 Adenosine Receptors in a Rat Model of Liver Ichemia/Reperfusion**, Transpl Int. Jan; 21(1):39-48, 2008.
- 14- Silvia Méndez, Leopoldina Falcón, Mayulin B. Argote, Ivonne Menéndez, Dignora Fernández, Bárbara-Elías Calle, Magdalena Valero, **Lamberto Re**. **Safety of Topical Oleozon® in the Treatment of Tinea Pedis: Phase IV Clinical Trial**, Int Journal of Ozone Therapy, **7**, **1**, 55-59, 2008.
- 15- **Lamberto Re**, Giuseppe Malcangi, Alessandra Mercanti, Virginia Labate and Gregorio M. Sánchez, **Ozone Therapy: A Clinical Study on the Pain Management**, Int Journal of Ozone Therapy, **7**, **1**, 37-44, 2008.
- 16- A.M. Sheata, **L. Re**, O.M. Yousef, **Ozone Preconditioning protects against rotenone-induced neurodegeneration in rats**, Int Journal of Ozone Therapy, **7**, **2**, 114-120, 2008.
- 17- T. Tanbouli, M.N. Mawsouf, **L. Re**, G. Martínez-Sánchez, G. Saaed, S.M. El Badry and A.B. Nashed. **Effect of Ozone Therapy on Foetoplacental Blood Flow in Hypertensive Pregnant Women**. *International Journal of Ozone Therapy* **8**, 2009: 211-216.
- 18- Silvia Díaz-Llera, Yanela González-Hernández, Jorge E. González Mesa, Gregorio Martínez-Sánchez and **Lamberto Re**. **Induction of DNA primary damage in peripheral blood leukocytes and exfoliated colorectal epithelial cells in rats treated with ozone**. *International Journal of Ozone Therapy* 2009 **8**:217-221.
- 19- **Re, Lamberto**; Martínez-Sánchez, Gregorio; Sirito, Mario. **Role of ozone/oxygen in fibroblast growth factor activation. Discovering the facts**. *Ozonoterapia*, 2010.
- 20- G. Martínez- Sánchez, **L. Re**, A. Giuliani, and G. Pérez-Davison. **Ozone as U-Shaped Dose Responses Molecules (Hormetins)**. 10-001-DR. Dose Response, 9:32-49, 2011.
- 21- **Re, Lamberto** and Martinez-Sanchez, Gregorio. **Clinical Evidences of Ozone Interaction with Pain Mediators**. Saudi Med J, 32 (12), 1363-1367, 2011.
- 22- Nabil Mawsouf, Maha M. El-Sawalhi, **Gregorio Martínez-Sánchez**, Hebatalla A. Darwish, Amira A. Shaheen, **Lamberto Re**. **Effect of ozone therapy on redox status in experimentally induced arthritis**, Revista Española de Ozonoterapia Vol 1, No 1 (2011): 32-43.
- 23- Adriana Schwartz, Gregorio Martínez-Sánchez, **Lamberto Re**. **Factores de crecimiento derivados de plaquetas y sus aplicaciones en medicina regenerativa. Potencialidades del uso del ozono como activador**. Revista Española de Ozonoterapia Vol 1, No 1 (2011): 54-73.

- 24- Livan Delgado-Roche, Gregorio Martínez-Sánchez, Arquímedes Díaz-Batista, **Lamberto Re.** **Effects of ozone therapy on oxidative stress biomarkers in coronary artery disease patients.** In J Ozone Research 2011, 10(2):99-104.
- 25- Schwartz Adriana, Claudia Nikolaevna Kontorschikova, Oleg Vitorovich Malesnoko, Gregorio Martínez Sánchez, **Lamberto Re.** Irina Avenerovna Gribkova. **"Guía para el uso médico del ozono - Fundamentos terapéuticos e indicaciones"**, AEPRMO, 2011, 315 p. + XVIII + 11 p. láminas de color. ISBN: 978-84-615-2244-6.
- 26- **Re L,** Malcangi G, Martinez-Sanchez G. **Medical ozone is now ready for a scientific challenge: current status and future perspectives.** Journal of Experimental and Integrative Medicine 2012; 2(3):193-196.
- 27- Gregorio Martínez-Sánchez, Livan Delgado-Roche, Arquímedes Díaz-Batista, Gema Pérez-Davison, **Lamberto Re.** **Effects of ozone therapy on haemostatic and oxidative stress index in coronary artery disease.** European Journal of Pharmacology, 691(2012)156-162.
- 28- Gregorio Martínez-Sánchez, Silvia Menéndez-Cepero, Mirta Copello, Silvia Díaz-Llera, **Lamberto Re.** **Rectal insufflations is a valid way in ozone therapy. Feedback on the "Oxygen-Ozone Therapy is at a Cross-Road"** Rev. Esp. Ozono. 1(1):74-86. Rev. Esp. Ozono. (in press) 2012.
- 29- Livan Delgado-Roche, Gregorio Martínez-Sánchez, **Lamberto Re.** **Ozone Oxidative Preconditioning Prevents Atherosclerosis Development in New Zealand White Rabbits.** Atherosclerosis Supplement. Accepted, 2012.
- 30- Gregorio Martínez-Sánchez, **Lamberto Re.** **Rectal administration and its application in ozone therapy.** Journal of alternative medicine. On submission, 2012.
- 31- G. Martínez- Sánchez, **L. Re.** **Las aplicaciones médicas de los aceites ozonizados,** actualización. Rev. Esp. Ozono. On submission 2012.
- 32- **Lamberto Re,** Gregorio Martinez Sanchez and Armando Rojas, **Is ozone conditioning effect bind to Nrf2 pathway and hARE? An ongoing Study.** In preparation, 2012.

Communications

- 1- **L. Re**, P. Lattarulo, R. Vaccari **Subcutaneous and intracavernous O2/O3 therapy in erectile dysfunction due to microvascular damage. Comparison with T.E.B. therapy**, Int. Journal of Impotence Res., San Francisco, CA, USA, 3-7 November, 1996.
- 2- R. Vaccari, E. Azzolini, **L. Re**, M. Musillo and F. Pezzoni, **Combined O2/O3 therapy and T.E.B. in erectile dysfunction due to microvascular damage**, Madrid, Spagna, 1-5 November, 1997.
- 3- **L. Re**, **Loose Patch Clamp applied to the study of neurorelease: characterization of the oxygen-ozone mixtures molecular action in some biological functions**, Ist Int Congress of the Cuban Society of Pharmacology, 19-23 Ottobre 1998, Habana, Cuba.
- 4- **L. Re**, R. Vaccari, F. Pezzoni, Sildenafil (VIAGRA-TM) e O2-O3 terapia nel trattamento delle disfunzioni erettili di natura vascolare, Ist Int Congress of the Cuban Society of Pharmacology, 19-23 Ottobre 1998, Habana, Cuba.
- 5- Olga Sonia León Fernández, **L. Re**, S. Menéndez, N. Merino, S. Sam and H. Ajamieh, Comparative Study Between Ischaemic and Ozone Oxidative Preconditioning in the Protection Against Hepatic Ischaemia-Reperfusion Injury, Int. Cong. Pharmacol, CPT 2000, Florence, Brit J Clin Pharmacol, July 15-20, 2000.
- 6- **L. Re**, S. Barocci, L. Rinaldi, C. Vivani, E. Mosca and G. Paolucci, **Ozone as preventive agent of the oxidative cellular damage: an antiageing hypothesis**, IOA World Congress, London, Imperial College, 9-16 September, 2001.
- 7- **Lamberto Re** and Ahmed AL-Jaziri, **First UAE Pilot Study on the Therapeutic Potential of the Ozone-Oxygen Mixtures**, 4th INTERNATIONAL SYMPOSIUM ON OZONE APPLICATIONS, Havana City, April 6-9 of 2004, Cuba.
- 8- **Lamberto Re**, **Oxygen-Ozone Therapy in the Sport: Case Report**, Arab Health Conference, Complementary Medicine Section Dubai, UAE, February 13-16, 2005.
- 9- O.S. León Fernández, G. Martínez-Sánchez, S. M Al-Dalain, E. Candelario-Jalil, A.M. Carmona, S. Menéndez, **L. Re**, A Giuliani, **Ozone Treatment Reduces Markers of Oxidative and Endothelial Damage in an Experimental Diabetes Model in Rats**, (CU), 17th IOA World Congress, Strasbourg 22-25 August 2005.
- 10- O.S. León Fernández, H.H. Ajamieh, G. Martinez-Sanchez, E. Candelario-Jalil, A.M. Carmona, S. Menendez, **L. Re**, A. Giuliani (CU), **Effects of Ozone Oxidative Preconditioning on Nitric Oxide Generation and Cellular Redox Balance in a Rat Model of Hepatic Ischemia/Reperfusion**, (CU), 17th IOA World Congress, Strasbourg 22-25 August 2005.
- 11- **Lamberto Re**, **The Role Of Ozone Therapy In Management of Diabetic Foot**, Arab Health Conference, Complementary Medicine Section Dubai, UAE, January 22-25, 2006.
- 12- **Lamberto Re**, **Minha experiencia clinica**, 1st Congresso Internacional de Ozonioterapia, Belo Horizonte, Brasil, April 28-30, 2006.
- 13- **Lamberto Re**, **Molecular Mechanisms Underlying Ozone Treatments**, 5th International Symposium on Ozone Applications, Havana City, Cuba, April 23-26, 2007.
- 14- **Lamberto Re**, Baiju Khanchandani, Pelle Daugaard **Molecular Mechanisms Underlying Ozone Treatments: An Articular and Back Pain Case Study Series**, 6th Interdisciplinary World Congress on Low Back & Pelvic Pain, Catalonia Palace of Congresses, Barcelona, Spain, November 07-10, 2007.
- 15- **L. Re**, G. Malcangi, A. Mercanti, V. Labate, M. Bordicchia and G. M. Sánchez, **Ozone Therapy on the Pain Management**, European Meeting of the Society for Free Radical Research, Berlin, Germany, Pag. 67-74, Editor Tilman Grune, Medimond, International Proceedings, July 05-09, 2008.
- 16- G. Martinez-Sánchez and **L. Re**, **Clinical Diagnostic of Redox Balance an Up-Date**, European Meeting of the Society for Free Radical Research, Berlin, Germany, Pag. 15-21, Editor Tilman Grune, Medimond, International.
- 17- **L. Re**, G. Malcangi, A. Mercanti, L. Di Serafino, O.S. Leon Fernandez, G. Martínez-Sánchez. **Ozone Therapy in the Management of Sport Pain. Role of Mitochondria**. *International Journal of Ozone Therapy* 2009 8(1): 28-33.
- 18- M. Siritto, **L. Re**, G. Martínez-Sánchez. **Role of Ozone/oxygen in Fibroblast Growth Factor Activation. Potential Use in Clinic and Aesthetic Practice. Discovering the Facts**. *International Journal of Ozone Therapy* 2009 8(1): 46-48.
- 19- G Martínez-Sánchez, G Pérez Davison, G Malcangi, A Mercanti, **L. Re**. **Ozone as U-shaped dose responses molecules (Hormetin)**. *Free Radical Research* 43 Supplement 1, 2009, S45.
- 20- **L. Re**; G Martínez-Sánchez; G Malcangi; A Mercanti; V Labate. **Ozone Therapy: a clinical study on Pain Management**. Proceeding of 19th Ozone World Congress of the IOA. Tokyo, Aug 31-Sep 3, 2009: 203-210.
- 21- **Re L**, A Randomized Clinical Study on Pain in patients treated with Ozone and NSAIDs, III World Congress Of OT, Brescia, 14-16 April 2011, Int J Ozonotherapy, P 42, Monography, 2011.
- 22- **Re L**, The state of art in Ozone Therapy, Congress Istanbul, 29 April-1 May, 2011.
- 23- **Re L**, **Physiological action of ozone**, III Ibero American Congress of Ozone-Therapy, Rio de Janeiro, 7 - 9 October 2011.