

**Curriculum Vitae**  
**Lamberto Re**

Lamberto Re was born in Ancona, Italy, September 24<sup>th</sup>, 1950

First year at the Medical Faculty of the University of Ancona in 1975.

Medical Doctor Degree in 1983.

State Certificate in November 1983.

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

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

Teaching Professor of "Molecular and Cellular Pharmacology" in the Medical Faculty since 1993.

Teaching Professor of "Pharmacological Biotechnology" and "Pharmacology" in the Science Faculty since 1994.

Expert of basic experimental techniques in Pharmacology such as in-vitro assays and in-vivo experimental Toxicology. Responsible of Electrophysiological Section of the Pharmacology Department at the University of Ancona, Medical School. 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.

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 23<sup>rd</sup> -25<sup>th</sup>, 1996.

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

Invited at the 15<sup>th</sup> International Congress of the International Ozone Association held in London, UK, 10<sup>th</sup> - 15<sup>th</sup> 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 6<sup>th</sup> 2004 at the Al Amal Hospital, Jumeira, Dubai.

Invited as Chairman at the Arab Health 2005 Congress, Complementary Medicine Conference, held in Dubai February, 12<sup>nd</sup> 13<sup>rd</sup> 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<sup>o</sup> 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), in the Italian Courses organized by FIO, 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 26<sup>th</sup> 2006.

Invited as Chairman at the “International Congress” on “Ozone in Medicine”, European Cooperation of Medical Ozone Societies, Baden-Baden, November 1<sup>st</sup> 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 3<sup>rd</sup> and Friday the 4<sup>th</sup> 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 and Istanbul 2011.

- 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 2.05.

Since 1996 published 37 scientific works on the pharmacology characterization of ozone and its clinical approach.

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

CV in extenso at the web site → [www.lambertore.com](http://www.lambertore.com)

## 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- M. Nabil. Mawsouf, Maha.M. El-Sawalhi, G. Martínez-Sánchez, Hebatalla A. Darwish and Amira A. Shaheen, L. Re. **Effect of Ozone Therapy on Redox Status in Experimentally Induced Arthritis**. *International Journal of Ozone Therapy*, accepted, 2010.
- 20- Re, Lamberto; Martínez-Sánchez, Gregorio; Siritto, Mario. **Role of ozone/oxygen in fibroblast growth factor activation. Discovering the facts**. *Ozonoterapia*, 2010.
- 21- 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.
- 22- Re, Lamberto and Martinez-Sanchez, Gregorio. **Clinical Evidences of Ozone Interaction with Pain Mediators**. Saudi Med J, 32 (12), 1363-1367, 2011.

## 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**, 4<sup>th</sup> 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), 17<sup>th</sup> 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), 17<sup>th</sup> 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**, 1<sup>st</sup> Congresso Internacional de Ozonioterapia, Belo Horizonte, Brasil, April 28-30, 2006.
- 13- Lamberto Re, **Molecular Mechanisms Underlying Ozone Treatments**, 5<sup>th</sup> 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**, 6<sup>th</sup> 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 19<sup>th</sup> 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.