

CURRICULUM VITAE
SA'ED MOHAMED AL-DALAIN

I. IDENTITY DATA

Name: Sa'ed Mohamed Al-dalain

Birth Date: April 19, 1970

Nationality: Jordan

Marital Status: Married

Sex: Male

Race: White

E-mail: aldalaensm@yahoo.com

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College Degrees:

- Bachelor in Pharmaceutical Sciences (Havana University, 1997)
- Master in Experimental Pharmacology (Havana University, 1999)
- PhD degree in Pharmaceutical Sciences (Havana University, 2003)
- Master in Clinical pharmacology (Strathclyde University, 2007)

II. LANGUAGES

<u>Language</u>	<u>Speaks</u>	<u>Reads</u>	<u>Writes</u>
English	well	Well	Well
Spanish	Well	Well	Well
Portuguese	Regular	Well	Well
Italy	Regular	Well	Well
Arab	(Mother language)		

III. UNDERGRADUATE STUDIES

Senior High School: Country: Jordan, Municipality Ay, Province Al-Karak 1986-1989, School "Joza"

- Diploma obtained: Senior High School Certificate, July 12, 1989

College:

- Country: Cuba, University of Santa Clara, 1991-1992, Faculty of Foreign Languages.
 - Diploma obtained: Spanish Language Certificate.
- Country: Cuba, University of Camagüey, 1992-1993, Pharmacy and Chemistry Faculty
- Country: Cuba, Havana University, 1995-1997. Pharmacy Faculty.
 - College Degree: Bachelor in Pharmaceutical Sciences.
- Country: Cuba, Havana University, 1997-1999. Pharmacy Faculty.
 - College Degree: Master in Experimental Pharmacology.
- Country: Cuba, Havana University, 1999-2002. Pharmacy Faculty.
 - College Degree: PhD degree in Pharmaceutical Sciences.
- Country. Scotland, Strathclyde University, 2005-2007. Science Faculty.
 - College Degree: Master in Clinical Pharmacology.

IV. POST-GRADUATE STUDIES

1. Course "Biostatistics and Experimental Design" Pharmacy Faculty, Havana University, October 15, 1996 to January 31, 1997. 60 hours. Evaluation: Excellent.
2. Course "Immunology" Pharmacy Faculty, Havana University, May 26, 1997 to July 3, 1997. 30 hours. Evaluation: Excellent.
3. Course "Molecular Pharmacology" Pharmacy Faculty, Havana University, January-March 1998. 60 hours. Evaluation: Excellent.
4. Course "Pathophysiology" Pharmacy Faculty, Havana University, January-March 1998. 60 hours. Evaluation: Excellent.
5. Course "Experimental Toxicology" Pharmacy Faculty, Havana University, January-March 1998. 60 hours. Evaluation: Excellent.
6. Course "Immunopharmacology" Pharmacy Faculty, Havana University, May-June 1998. 60 hours. Evaluation: Excellent.
7. Course "Pharmacokinetics Modulation" Pharmacy Faculty, Havana University, May-June 1998. 60 hours. Evaluation: Excellent.
8. Course "Clinical Pharmacology" Pharmacy Faculty, Havana University, May-June 1998. 30 hours. Evaluation: Excellent.
9. Course "Methodology of Scientific Research" Pharmacy Faculty, Havana University, May-June 1998. 30 hours. Evaluation: Excellent.
10. Course "Clinical Pharmacokinetics" Pharmacy Faculty, Havana University, September-December 1998. 60 hours. Evaluation: Excellent.
11. Course "Bioanalysis of Drugs" Pharmacy Faculty, Havana University, December-February 1998. 60 hours. Evaluation: Excellent.
12. Course "Pharmacodynamic Basis of Bioequivalence" Pharmacy Faculty, Havana University, December-February, 1998. 60 hours. Evaluation: Excellent.

V. SCIENTIFIC ACTIVITIES

Scientific Projects Presented:

1. "Protective effects of ozone oxidative preconditioning on the injury associated to carbon tetrachloride hepatotoxicity". Author. Scientific Workshop, Pharmacy Faculty, Havana University, Cuba. April 1997. Mention.
2. "Protective effects of ozone against anaerobic glycolysis and reactive oxygen species formation induced by carbon tetrachloride". Author. Poster presented at the First International Congress on Pharmacology (Cuban Pharmaceutical Society), Havana, Cuba. October 21, 1998.
3. "Effects of ozone oxidative preconditioning on the injury associated to hepatic ischemia-reperfusion in rats". Scientific Workshop, Pharmacy Faculty, Havana University. December 23, 1999.
4. "Effects of Ozone Therapy on the Oxidative Stress Associated to Diabetes Mellitus". Author. 15th Ozone World Congress. London, United Kingdom (11th-15th September, 2001).
5. "The oxidative stress in diabetes and their complications". Author. IV International Congress of Pharmacology, Umuarama, Brazil. May 22, 2002.
6. IV Workshop on Clinical Pharmacy. "Study of the therapeutic efficacy of ozone and its effects on systemic mediators of endothelial damage in patients with neuro-infectious diabetic foot". 29-31 May, Havana City, Cuba. 2002.

7. CUBAFARMACIA 2002. VIII Congress of the Cuban Pharmaceutical Sciences Society. IV Ibero-American Scientific Workshop on Pharmaceutical and Food Sciences. Study of the therapeutic efficacy of ozone and its effects on systemic mediators of endothelial damage in patients with neuro-infectious diabetic foot". 15-17 October, Havana City, Cuba.2002.

Scientific Events:

1. Scientific Workshop, Pharmacy Faculty, Havana University, Cuba. Author. 1997 and 1999. Author.
2. First International Congress on Pharmacology (Cuban Pharmaceutical Society), Havana, Cuba. October 21, 1998. Author.
3. 15th Ozone World Congress. London, United Kingdom. September/2001.Author.
4. IV Internacional Congreso on Pharmacology, Umuarama, Brazil. May/2002. Author.
5. IV Congress on Clinical Pharmacy, Havana, Cuba. May/2002. Author.
6. CUBAFARMACIA 2002. VIII Congress of the Cuban Pharmaceutical Sciences Society. IV Ibero-American Scientific Workshop on Pharmaceutical and Food Sciences. Havana City, Cuba.2002. Author.

Books, Text books, Monographies, Thesis

- Thesis: "Efectos protectores del O₃/O₂ contra la glucólisis anaerobia y la generación de EROs inducida por CCl₄ (Protective effects of ozone against anaerobic glycolysis and reactive oxygen species generation after CCl₄)". Department of Pharmacology and Toxicology. Pharmacy Faculty, Havana University. Diploma work, 1997. Master work, 1999. **Author**.
- Thesis: "Estudio de la eficacia terapéutica del Ozono, y sus acciones sobre mediadores sistémicos del daño endotelial, en pacientes con Pie Diabético Neuroinfeccioso (Study of the therapeutic efficacy of ozone and its effects on systemic mediators of endothelial damage in patients with neuro-infectious diabetic foot)". Department of Pharmacology and Toxicology. Pharmacy Faculty, Havana University. 2002. Master work. **Co-tutor**.
- Thesis: "Estudio Farmacodinámico del O₃/O₂, en Modelos Experimentales y en un Ensayo Clínico de Eficacia, en Diabéticos con Pie Neuroinfeccioso (A Pharmacodynamic Study on the effects of Ozone in experimental models of diabetes and in a Clinical Trial of Efficacy in Patients with neuro-infectious diabetic foot)". Department of Pharmacology and Toxicology. Pharmacy Faculty, Havana University. 2003. PhD degree work. **Author**.
- Book Chapter: León OS, Menéndez S, Martínez G, Candelario-Jalil E, Al-Dalain SM. (2002): Oxidative Konditionierung durch Ozon. Pharmakodynamische Aspekte des Medizinischen Ozons. In: Ozone-Handbuch Grundlagen, Praevention Therapie, Eds. Viebahn R and Knoch H.G. (Germany: Ecomed-Verlag 1995-2002). Website: <http://www.ozonosan.de>

Publications

1. OS. Leon Fernandez, G. Martinez, SM Al-Dalain, AM. Carmona, S. Menéndez, L. Re, A. Giuliani. Ozone Treatment Reduces Markers of Oxidative and Endothelial Damage in an Experimental Diabetes Model in Rats. **17th World Congress of Ozone & Related Oxidants**. Strasbourg, France, 2005 August 22-25. Congress proceeding pag.III.1.3/1-8.
2. Silvia Menendez, Olga Sonia Leon, Said M Aldalain, Gregorio Martinez, Hector Alvarez & Jose I Fernandez-Montequin. Ozone Medical Application in patients with diabetic foot.

17th World Congress of Ozone & Related Oxidants. Strasbourg, France, 2005 August 22-25. Congress proceeding pag.IV.2./1-12.

3. Gregorio Martínez-Sánchez, Saied M. Al-Dalain, Silvia Menéndez, Lamberto Re, Attilia Giuliani, Eduardo Candelario-Jalil, Hector Álvarez, José Ignacio Fernández-Montequín, Olga Sonia León. Therapeutic efficacy of ozone in patients with diabetic foot. **European Journal of Pharmacology** 2005; (Article in press).
4. Gregorio Martinez, Said Mohammed Al-dalain, Silvia Menendez, Attilia Guiliani and Olga Sonia Leon. Ozone Treatment Reduces Blood Oxidative Stress and Pancreas Damage in a Streptozotocin-Induced Diabetes Model in Rats. **Acta Farm. Bonaerense** (2005);24 (4): 491-7.
5. Saed Mohamed Al-dallen, Taimy Chávez Rodríguez, G. M. Sanchez, E. F. Bega, OS. L. Fernandez. El Equilibrio Redox en la Diabetes y sus Complicaciones (The Redox Balance in Diabetic and it Complications).**Acta Farm. Bonaerense** 2003 Jul 26; 23 (2):231-42.
6. Candelario-Jalil E, Alvarez D, Castañeda JM, Al-Dalain SM, Martínez G, Merino N, León OS. The highly selective cyclooxygenase-2 inhibitor DFU is neuroprotective when given several hours after transient cerebral ischemia in gerbils. **Brain Research** 2002 Feb 15; 927 (2): 212-5.
7. Candelario-Jalil E, Al-Dalain SM, León OS, Menéndez S, Pérez-Davison G, Merino N, Sam S, Ajamieh HH. Oxidative preconditioning affords protection against carbon tetrachloride-induced glycogen depletion and oxidative stress in rats. **Journal of Applied Toxicology** 2001 Jul-Aug; 21 (4): 297-301.
8. Mohamed, S., Menéndez, S., Martínez, G., León Fernández O. S., *et al.* Ozone therapy effects in the oxidative stress associated to diabetes mellitus. Proceedings of the 15th Ozone World Congress. London, United Kingdom (11-15 sept., 2001) p. 163-173.
9. Candelario-Jalil E, Al-Dalain SM, Castillo R, Martínez G, León OS. Selective vulnerability to kainate-induced oxidative damage in different rat brain regions. **Journal of Applied Toxicology**. 2001 Sep-Oct; 21 (5): 403-407.
10. Candelario-Jalil E, Mhadu NH, Al-Dalain SM, Martinez G, León OS. Time course of oxidative damage in different brain regions following transient cerebral ischemia in gerbils. **Neuroscience Research** 2001 Nov; 41 (3): 233-241.
11. Al-Dalain SM, Martínez G, Candelario-Jalil E, Menendez S, Re L, Giuliani A, León OS. Ozone treatment reduces markers of oxidative and endothelial damage in an experimental diabetes model in rats. **Pharmacological Research** 2001 Nov; 44 (5): 391-6.
12. Said Mohammed AL-Dalain, Gregorio Martínez, Eduardo Candelario-Jalil, Silvia Menéndez, Lamberto Re, Attilia Guiliani and Olga Sonia León (2002). Ozone Treatment Reduces Blood Oxidative Stress and Pancreas Damage In Streptozotocin-Induced Diabetes Model In Rats. **Redox Report (in press)**.
13. E. Candelario-Jalil, A. González-Falcón, M. García-Cabrera, D. Álvarez, S. M. Al-Dalain, G. Martínez, O. S. León, J. E. Springer (2003). Assessment of the relative contribution of COX-1 and COX-2 isoforms to ischemia-induced oxidative damage and neurodegeneration following transient global cerebral ischemia. **Journal of Neurochemistry (in press)**.

VII. PROFESSIONAL ACTIVITIES

- Researcher and Pharmacology lecturer. Center for Research and Biological Evaluation. Institute of Pharmacy and Food Sciences. Havana University. Cuba. 1997-2002.
- Professor assistant of Pharmacology. Faculty of medicine. Mu'tah University. Jordan. 2004.

VIII. MERITS AND PRIZES

- My research work on ozone protective effects is an important part of the Patent "The mixture O_3/O_2 for the treatment of different diseases". Date of presentation: 21/3/2002. Request No.: 2002-00-59.
- Jordan Pharmaceutical Association (since 2005)