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His interest has been on mechanistic studies on oxidative stress in vitro and in vivo, focusing on translational research in atherosclerosis and cardiovascular diseases, and in metabolic diseases. At present, his main research line is on oxysterols and medicine.

Oxysterols are derivatives of cholesterol - generated either enzymatically or by autoxidation - present in every cell type and biological fluid, and have been ascribed to participate in the pathophysiology of atherosclerosis, inflammatory diseases, neurodegeneration and cancer. He is co-founder, and coordinator of the European Network for Oxysterol Research (ENOR, www.oxysterols.com) aimed at promoting collaboration between various groups (from chemistry to biology and medicine) and stimulate novel research on the biological activity of oxysterols.

PUBLICATIONS LIST

Book Chapters and non-PubMed publications

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1. Iuliano L., Diczfalusy U. (2010) **Oxysterols – Potential Biomarkers of Oxidative Stress**. In: Aldini G, Yeum K-Y, Niki E, Russell R. Biomarkers for Antioxidant Defense and Oxidative Damage: Principles and Practical Applications. Wiley-Blackwell, Ames (USA) (chapter) doi: 10.1002/9780813814438.ch7; ISBN: 9780813815350
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6. VIOLI F, MICHELETTA F, IULIANO L. (2001). **Oxidant stress in SLE patients: relationship to atherosclerosis**. In: SHOENFELD Y, HARATS D, WICK G, YOUINOU P, MERONI P-L. Atherosclerosis and autoimmunity. (pp. 273-278). AMSTERDAM: Elsevier (NETHERLANDS) (chapter). ISBN 978-0-444-50669-6

PubMed publications

119 C. Zerbinati, F. Galli, R. Regolanti, G. Poli, L. Iuliano. Gas chromatography-mass spectrometry microanalysis of alpha- and gamma-tocopherol in plasma. Clin Chim Acta (accepted for publication)

118 Tremblay-Franco M, Zerbinati C, Pacelli A, Palmaccio G, Lubrano C, Ducheix S, Guillou H, Iuliano L. Effect of obesity and metabolic syndrome on plasma oxysterols and fatty acids in humans. Steroids (accepted for publication)

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