

Kazuo KONDO, MD, PhD

LIFE SCIENCE

Nutrition

Life Science, Graduate School of Humanities and Sciences/Institute of Environmental Science for Human Life

<http://island.geocities.jp/kondolabocho/index.html>

■ Researcher information

Contact

Email: Kondo.kazuo@ocha.ac.jp / TEL: 03-5978-5812 / FAX: 03-5978-2694

Major

Clinical Nutrition

■ Research topics

Basic and clinical study for prevention of atherosclerosis by nutritional approach

Keywords

nutrition, antioxidants, polyphenol, carotenoid, inflammation, atherosclerosis, medium-chain fatty acid, fatty acid, cholesterol

Contents

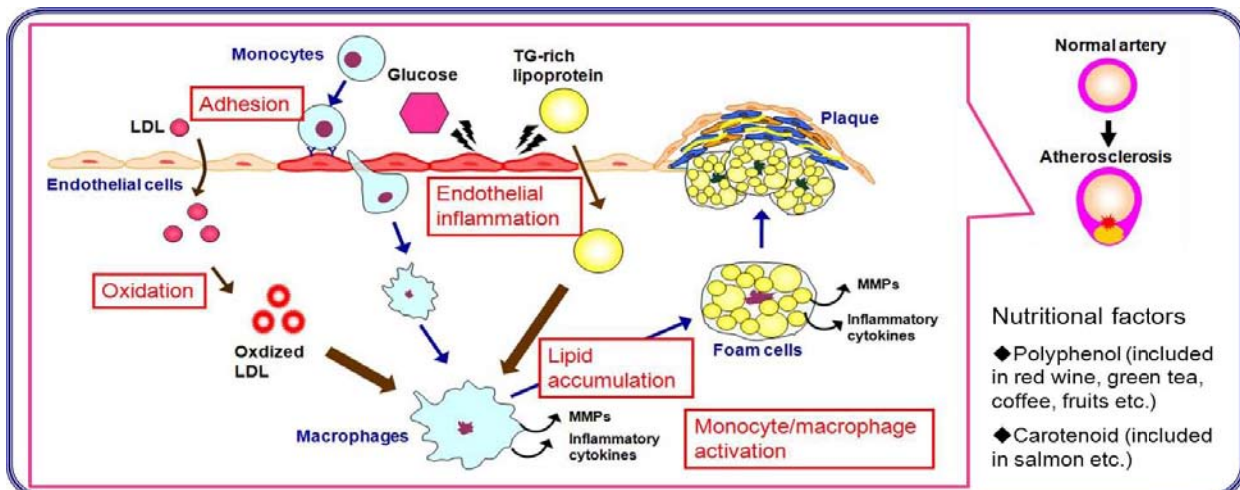
■ Overview

Basic

To examine the inhibitory effects of nutritional factors on **LDL oxidation**, **endothelial inflammation** and, **monocyte/macrophage activation** *in vitro*.

Clinical

To define whether nutritional factors improve **LDL oxidation**, **postprandial hyperlipidemia** and **hyperglycemia** which lead to endothelial inflammation and monocyte activation, in human subjects.



Intellectual properties (Patents, computer programs), productization, publications and social/industrial contributions

Yoshimi Kishimoto, Mariko Tani, Harumi Uto-Kondo, Maki Iizuka, Emi Saita, Hirohito Sone, Hideaki Kurata, and Kazuo Kondo: Astaxanthin suppresses scavenger receptor expression and matrix metalloproteinase activity in macrophages. *Eur J Nutr.*49:119-126,2010

Potential of social/industrial contribution

■ Joint research/ licensing / technical consulting / knowledge sharing (open courses, workshops, publications)