

**Vitamin D₂ and Phytochemicals Enhanced King Oyster Mushrooms (*Pleurotus eryngii*)
Decrease Plasma oxLDL in Metabolically Unhealthy Overweight/obese Adults: a Randomized
Controlled Trial**

Stamatia Angeliki Kleftaki¹, Charalampia Amerikanou¹, Aristeia Gioxari^{1,2}, Konstantinos Tsiantas³,
Dimitra Z. Lantzouraki³, Georgios Sotiroudis³, Chara Tzavara¹, Panagiotis Zoumpoulakis³,
Georgios I. Zervakis⁴, Nick Kalogeropoulos¹ and **Andriana C. Kalaria^{1*}**

¹*Department of Nutrition and Dietetics, School of Health Science and Education, Harokopio University,
Athens, Greece;*