**The preventive effect of different wild pistachio (*P*istacia *A*tlantica mutica) oils on liver enzymes and** **histopathological findings in metabolic syndrome induced rats**

**Sanaz Jamshidi1, Najmeh Hejazi2\*, Mohammad-Taghi Golmakani3, Nader Tanideh4, Mina Heidari5**

1MS.C student in Nutrition Sciences**,** Department of Clinical Nutrition, School of Nutrition and food sciences, Shiraz University of Medical Sciences, Shiraz, Iran.

2 Assistant professor, Nutrition research center, Department of Clinical Nutrition, School of Nutrition and food sciences, Shiraz University of Medical Sciences, Shiraz, Iran.

3 Associate Professor, Department of Food Science and Technology, School of Agriculture, Shiraz University, Shiraz, Iran.

4 Stem Cell and Transgenic Research Center, Shiraz University of Medical Sciences, Shiraz, Iran.

5 Surgical and clinical pathologist, Pathology Department, Birjand University of Medical Sciences, Birjand, Iran.

**\*Corresponding author:** Assistant professor, Nutrition research center, Department of Clinical Nutrition, School of Nutrition and food sciences, Shiraz University of Medical Sciences, Shiraz, Iran. Email: [najmehhejazi@gmail.com](mailto:najmehhejazi@gmail.com), [nhejazi@sums.ac.ir](mailto:nhejazi@sums.ac.ir), Phone: 00989177020859, Fax number: 00987137267056.

**Acknowledgment:** This study was extracted from a Master of sciences thesis written by Sanaz Jamshidi and was financially supported (Grant no #95-01-84-12937) by the Vice Chancellery of Research and Technology in Shiraz University of Medical Sciences, Shiraz, I.R. Iran. The authors would like to thank the Center for Development of Clinical Research of Nemazee Hospital and Dr. Nasrin Shokrpour for editorial assistance.