

**The University of Jordan
Faculty of Science
Dept. Biological Sciences**

Curriculum Vitae

Name of Faculty Member : Prof. Ziad A . Shraideh



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Last Academic Degree: Ph.D

Name of University : University of Bonn

Country : Germany

Date of Obtaining the degree : 1984

Professor Degree: Since April 2000

Exact Specialization : Cell Biology

Research Interests : Cell Motility , Slime Molds, Cytotoxicity of heavy metals. Cytotoxicity of cigarette smoking. Research Projects : Biology of slime molds, Cytotoxicity of heavy metals, Cytotoxicity of tobacco smoking and the ameliorative effect of natural antioxidants.

Major Areas of responsibilities : Teaching, Research, Supervision of graduate students.

Service activities: Workshop for department lab assistants and supervisors every semester. The workshop aims to teach the members the best way to deal with light microscopes.

Most recent professional development activities: We established a new scanning electron microscope research and teaching laboratory funded by SRF.

Teaching Courses: General Biology / Cell Biology/ Advanced Cell Biology/ Cell & Molecular Biology / Microtechnique and Histological Preparations/ Muscle Biology/ Histology.

LIST OF PUBLICATIONS:

1. Mansour I. Almansour, Mosaid A. Alferah, Ziad A. Shraideh, Bashir M. Jarrar. 2017. Zinc oxide nanoparticles hepatotoxicity: Histological and histochemical study. Environ Toxicol Pharmacol. 51:124-130.

2. Anwar D Maraqa¹, Ziad A Shraideh, Ashok K Shakya, Rajashri R Naik, Zaha A ElAgbar, Ghaleb A Oriquat. 2017. Protective effects of vitamin c, vitamin e, and beta-carotene against nicotine induced oxidative damage to urinary system of albino rats. Fresenius Environmental Bulletin 26:1389-1396.

3. Al-Alami ZM, Shraideh ZA, Taha MO. 2016. Rosmarinic acid reverses the effects of metronidazole-induced infertility in male albino rats. Reprod Fertil Dev. Nov 23. doi: 10.1071/RD16174. [Epub ahead of print]

4. Al-Alami, Z. M., Shraideh, Z. A., & Taha, M. O. 2015. B Caryophyllene as putative male contraceptive: enhances spermatogenesis but not spermiogenesis in albino rats. Medicinal Chemistry Research, 24: 3876–3884.

5. Khairat A. Battah; Darwish H. Badran & Ziad A. Shraideh. 2016. Effect of cigarette smoking on the structure of hepatocytes: TEM study. International Journal of Morphology 34(4):1239-1244.

6. M. Almansour, C. L. Sajti, Z. Shraideh, B. Jarrar. 2016. Pulmonary Histological Alterations Induced by 20 nm Silver Nanoparticles. Journal of Nano Research, 35:104-114.

7. Al-Awaida W, Najjar H, Shraideh Z. 2015. Structural characterization of rat ventricular tissue exposed to the smoke of two types of waterpipe. *Iran J Basic Med Sci.* 18(10):942-9.

8. Anwar D Maraqa, Rajashri R Naik, Ziad A Shraideh, Ashok K Shakya. 2015. Effect of mercuric chloride (HgCl₂) on cytoplasmic shuttle streaming, morphology and structure of the plasmodial slime mold: *Physarum polycephalum*. 2015. *Fresenius environmental bulletin.* 24:4567-4573.

9. Ziad A. Shraideh and Hossam N. Najjar , 2011. Histological Changes in Tissues of Trachea and Lung Alveoli of Albino Rats Exposed to the Smoke of Two Types of Narghile Tobacco Products *Jordan Journal of Biological Sciences*, 4(4):149-156.

10. Shraideh Z, Awaida W, Najjar H, and Musleh M, 2011. A modified smoking machine for monitoring the effect of tobacco smoke on albino rats. *JJBS* 4(2):109-112.

11. Z. Shraideh, 2010. Toxicity of triethyllead chloride (TriEL) on cytoplasmic shuttle streaming, structure, growth and migration of the plasmodial slime mold *Physarum polycephalum*. *Jordan Journal of Biological Sciences*, 3(1): 33-40.

12. Z. Shraideh, 2007. Effect of lead on growth viability and structure of the slime mold *Physarum polycephalum*. *Dirasat Pure Sciences* 34(2)221-232

13. Z. Shraideh, 2006. Effect of cadmium chloride (CdCl₂) on cytoplasmic shuttle streaming, structure, growth and migration of the plasmodial slime mold *Physarum polycephalum*. *Dirasat*, 33(1): 1-12 6.

14. Al.Kurd, H. Takruri and Z. Shraideh, 2002. Effects of cigarette Smoke on anemia, the iron and ascorbic acid status, body weight and energy intake in guinea pigs. *Arab Journal of Food and Nutrition.* 6:276-285

15. Z. Shraideh, 1999. Effect of triethyl lead on peristaltic contractile activity of ileum of mice. *Cytobios*, 99:97-104.
16. Z. Shraideh, K. Abu-Eteen and A-K. Sallal. 1998. Ultrastructural effects of date extract on *Candida albicans*. *Mycopathologia* ,142:119-123.
17. Z. Shraideh, M. Wahbeh and H. Al-Hajj, 1998. Some sponges of the Class Demospongiae from Aqaba. *Dirasat, Pure Sciences*, 26(1):62-73 .
18. Z .Shraideh, 1996. Effect of UV-irradiation on the growth of microplasmodia of the slime mould *Physarum polycephalum*. *Cytobios*, 88: 193-199.
- 19.Z. Shraideh and M. Salman, 1998. An optoelectronic system for transmicroscopic registration of oscillatory contraction phenomena. *Dirasat, Natural and Engineering Sciences*, 25 (1): 106-113.
20. W. Shebaby and Z. Shraideh, 1997. Effect of U. V-irradiation on contractile activity and ultrastructure of plasmodial strands of *Physarum*. *Cytobios* 90: 23-33.
21. W. Shebaby and Z. Shraideh. 1997. Effect of U.V-irradiation on protoplasmic streaming, behaviour and structural organization in the slime mould *Physarum polycephalum*. *Cytobios* 89: 199-207
22. Z. Shraideh and A-K. Sallal. 1996. Effect of a thienopyridinone on the growth and physiology of *Escherichia coli*. *Biomedical letters*, 54: 233-237.
23. Y. Omari, Z. Shraideh and S. Abderrhman, 1996. Mitodepressive effect of Khat (*Catha edulis*) on the bone marrow of mice. *Biomedical letters*, 54: 69-72.
24. Z. Shraideh, 1990. A polarized light and fluorescent microscopic study of enriched birefringent fibrils in *Physarum* plasmodia. *Cell Biology. International Reports* 14(8):747-755.

25. Shraideh Z, Al-Awaida W, 2012. Effects of cigarette smoking and l-nicotine on isolated trachea, aorta and perfused heart of albino rat. *Res. Opin. Anim. Vet. Sci.*, 2(8), 464-472.
26. Shraideh Z, Al-Awaida W and Badran D, 2013. Effects of cigarette smoking on histology of trachea and lungs of albino rat. *Res. Opin. Anim. Vet. Sci.*, 3(10), 356-362.
27. Wajdy Al-Awaida, Ziad Shraideh, Darwish Badran and Hayel Shehadeh. 2014. The Assessment of Tobacco Smoke Toxicity on Selected Tissues from the Cardiovascular and Respiratory Systems of the Albino Rat, an Ultrastructural Study. *Annual Research & Review in Biology* 4(24): 3666-3686.
28. Al.Kurd, H. Tavruri and Z. Shraideh. 2002. Effects of cigarette Smoke on anemia, the iron and ascorbic acid status, body weight and energy intake in guinea pigs. *Arab Journal of Food and Nutrition*. 6:276-285.