

Curriculum vitae

Name: Samira Musa Sasi Elghul

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Degrees

Bachelor of Zoology, Faculty of Science, Tripoli University, Libya.

Master of Embryology, Faculty of Science, Tripoli University, Libya.

Experience

Assistant lecturer in Zoology department from 2008 to 2012.

Lecturer in Zoology department from 2012 to 2018.

Assistant professor at Zoology department from 2019 to present

Scientific and academic activities

The contribution in teaching General Embryology and Experimental Embryology from 2009 to present.

The contribution in teaching General Zoology at Zoology department / faculty of Science.

The contribution in teaching General Zoology at Faculty of Medical Technology from 2015 to fall 2017.

Participation in teaching General Zoology in Spring 2017 at Faculty of Pharmacy.

Teaching General Embryology at the teachers' preparation college/ Tripoli university from 2010 to 2014.

The contribution in teaching General Zoology at Faculty of Medicine from 2011 to 2012.

Teaching practical part for histology, General Embryology, Experimental Embryology, Genetics, comparative anatomy of vertebrate, General Zoology I, General Ecology, General Entomology, Invertebrate II, marine biology.

Member in Libyan Biological Society.

Member in friends of Libyan Environment.

Member in research team at developmental biology/Department of Zoology.

Quality coordinator at developmental biology 2023.

An academic supervisor of undergraduate students at Department of Zoology/faculty of science.

participation with research team from outside for achievement many researches in my major field.

reviewer in many international journals.

Publications:

ساسى، س. م.، ساسى، ن. م.، وبين ضؤ، ع. ع. (2016). دراسة مراحل النضج الجنسي لسلمكة الكوالي (*Scomber japonicas*) بساحل مدينة طرابلس، شمال غرب ليبيا. مجلة علوم البحار والتقنيات البيئية. 2(2): 69 - 79.

ساسى، ن. م.، ساسى، س. م.، بن حسين، ط. والصغير، ص. ع. (2018). اختبار فعالية المستخلص التريبيني لثمار كل من نبات السباحية ونبات الهوهوبا كطاراد ومانع لوضع ذبابة البطيخ الكبرى بيضها داخل ثمار الكوسة. مجلة العلوم البحثية والتطبيقية. 16(2): 148-151.

Sasi, S. M., Sasi, N. M., Dawd, D. S. (2009). Effect of boiled *Pegnum harmala* seeds on pregnant female mice. Journal of basic and applied science. 19, 51-33.

Sasi, N. M., **Sasi, S. M.**, Dawd, D.S. (2009). Effect of Dimathiote (pesticide) on pregnant female mice & their embryos. Journal of basic and applied science. 19, 78-90.

Sasi, N. M. and **Sasi, S. M.** (2016). Compare between three types of larval food on larvae of *Ceretitis capitata* (Wied). Journal of Marine Sciences & Environmental Techniques. 2(2): 90-98.

Sasi, N. M., **Sasi, S. M.** and Alfelah, A. (2017). Effect of boiled *Pegnum harmala* seeds on embryos of experimental laboratory mice. Journal of Pure & Applied Science. 16(2): 77-81.

Sasi, S. M.; Sasi, N. M.; Abdulaziz, A.; Esa, M. and Almsri, M. (2018). Effect of dimethoate (insecticide) on reproductive function in adult mice. Journal of Libyan Studies. 2(15): 1-21.

Sasi, S. M.; Al-Ghoul, N. M. and Al-shakshouki, F. M. (2018). Effect of Early Exposure of Dimethoate on reproductive potential in Swiss Male Mice. Syrian Journal of Agriculture Research. 5(2):212-221.

Elghul, S. M.; Sasi, N. M.; Ahmed, E. M. (2020). Assessment the effect of Aqueous extract of *Peganum harmala* seeds on fertility of male mice. Syrian Journal of Agriculture Research. 7(3):434-440.

ELMabrouk, Z., ELJaafari, H., **Elghul, S.**, Shibani, S. and Abusrer, S. (2021). Effect of Vitamin A on Infertility Induced by Aluminum Chloride in Male Albino Mice. *Alq J Med App Sci.* 4(2): 40-50.

Sasi, S. M. and ELGhoul, N. M. (2021). Effect of The Recommended dose of dimethoate and its double on the Embryos and Testicular in Male Mice. *Journal of Marine Science & Environ technology.* 7(1): 29-35.

Sasi, S. M., ALghoul, N. M., Awayn, N. and ELghoul, A. (2022). Positive effect of green tea extract on reproductive toxicity induced by dimethoate in male mice. *Open veterinary Journal.* 12(2): 165-170.

Sasi, S. M., ALghoul, N. M., Awayn, N. and ELghoul, A. and Prastiya, R. A. (2023). Sperm abnormality and infertility in male mice treated with recommended dose of dimethoate and its double. *Open Veterinary Journal.* 13(7): 873-878

Prastiya, R. A., Sardjito, T., Nabola, T. R. N., Azizah, H. I.N., Saputro, A. L. and **Sasi, S. M.** (2023). Zinc and alfa Tocopherol protect the antral follicles and endogenous antioxidants of female albino rats (*Rattus norvegicus*) against lead toxicity. *Journal of Trace Elements in Medicine and Biology.* 80(2023): 1-7.

Sasi, S. M., ALghoul, N. M., Awayn N, ELghoul A, Prastiya RA. 2023. Effect of *Peganum harmala* seeds extract on the hepatic tissue structure and fetus of mice. *Ovozoa: JAnim Reprod.* 12: 133-139.

Prastiya, R.A., Debora, A.E., Wijayanti, A., Agustono, B., Saputro, A. L., Amaliya, A. and **Sasi, S.M.** 2023. Sperm kinematics and morphology of Bali Bull (*Bos javanicus*) after freezing and thawing treated with green tea extract in Extender. *Tropical Animal Science Journal.* 46(4): 418-427.

Mohamed F, ELMabrouk Z, **Sasi SM**, ELJaafari H. and Tunsu H. 2023. Prophylactic and curative effect of *Boswellia serrata* on blood glucose level and Architecture of pancreas in diabetic mice induced by alloxan. *Khalij-Libya JDent MedRes.* 7(2): 150-157.