Ehsan Soleymaninejadian

ehsan.soleymaninejad01@universitadipavia.it

00989130960984

https://scholar.google.com/citations?user=CzDqC04AAAAJ&hl=en

PhD in Genetics, Molecular and Cellular Biology (2021-2023)
Department of Biology and Biotechnology, Pavia University, Via Ferrata n. 5 – Pavia Italy

Education:

Ph.D in Insect Physiology (2012-2015)

Nanjing Forestry University

institute of forest protection

College of Forest Resources and Environmental Science

159 Longpan Rd, Xuanwu, Nanjing, Jiangsu, China

M.Sc in Biotechnology, (2009-2011)

Jawaharlal Nehru Technological University,Hyderabad, India

B.Sc in Biology(2002-2007)

Gorgan University of Agriculture Science and Natural Resources

Gorgan, Iran

References:

Archana Giri,
Professor of institute of Science and Technology, Centre for Biotechnology, Jawaharlal Nehru Technological University, Hyderabad
Phone: +919849028367
archanagiriin@jntuh.ac.in

Bio-Research

Ehsan Soleymaninejadian is a Ph.D. student in Genetics, Molecular Cellular Biology under the supervision of Professor Maurizio Zuccotti in the Department of Biology and Biotechnology.
Micro-Computed Tomography is one of the most outstanding techniques recently used for preparing the high resolution imaging of the internal organ and even small animals. Analyzing the image by Using bioinformatics tools produces the 3D map that exactly simulates the organ structure and functionality. A recently published paper by Professor Zuccotti divulges the importance of topography re-establishment in the folliculogenesis process during pathological conditions or geriatric.
Thus, Ehsan Soleymaninejadian research is mainly focused on the **In SilicoThree-Dimensional Functional Reconstruction of the Mammlian Gonads**.

Publication

E. Soleymaninejadian, K. Pramanik, and E. Samadian, “Immunomodulatory properties of mesenchymal stem cells: Cytokines and factors,” Am. J. Reprod. Immunol., 2012.

E. Soleymaninejadian, B. Z. Ji, S. W. Liu, J. J. Yang, and X. W. Zhang, “Foraging Polyethism in Odontotermes Formosanus Shiraki.

M. Naderi, R. Gharaei, E. Soleymani-Nejadian, and E. Samadian, “In Silico survey of functional coding variants in human AEG-1 gene,” Egypt. J. Med. Hum. Genet., vol. 14, no. 4, pp. 419–422, Nov. 2013.

E. Samadian, A. Bidmeshkipour, R. Gharaei, E. Soleymani-Nejadian C, and A. Shirkavand, “Lack of association between TRAF1/C5 rs10818488 polymorphism and rheumatoid arthritis in Iranian population, ” Egypt. J. Med. Hum. Genet., vol. 14, no. 1, pp. 63–67–63–67, Jan. 2013..

E. Soleymaninejadian, Z. Bao, S. Liu, S. Ji, and J. Liu, “Polyethism in Termites,” Adv. Entomol., vol. 02, no. 03, pp. 129–134, Jul. 2014.

Soleymaninejadian, E., Ji, B. Z., Liu, S. W., Zhang, X. W., Wang, H. J., & Ding, F. (2014). Excavation and architectures of Odontotermes formosanus Shiraki nests. Int J Res, 1(6), 35-45.

张新慰 et al., “白蚁消化系统解剖构造及共生物研究进展,” 南京林业大学学报：自然科学版, vol. 39, no. 1, pp. 155–161, 2015.

丁芳 et al., “白蚁的食物选择,” 中国农学通报, vol. 31, no. 2, pp. 166–173, 2015.

“Polyethism in the case of feeding, construction, and defense behaviors of Odontotermes formosanus Shiraki.” [Online]. Available: https://www.cabdirect.org/cabdirect/abstract/20143294147. [Accessed: 20-Nov-2020].

丁芳, 嵇保中, 刘曙雯, 杨锦锦, 张新慰, and Ehsan;SOLEYMANINEJADIAN, “白蚁采食行为研究进展,” 中国森林病虫, vol. 33, no. 5, pp. 24–29, 2014.

E. Soleymaninejadian, “Short-Chain Hydroxyl CoA Dehydrogenase Probably is the Central Player in DNA Replication and Glucose Consumption in Human Non-Small Lung Carcinoma Cell Line,” Jentashapir J. Cell. Mol. Biol. 2020 112, vol. 11, no. 2, 2020.

E. Soleymaninejadian, “Exosome a Story From Waste to Become a Gold Mine,” Jentashapir J. Cell. Mol. Biol. 2020 112, vol. 11, no. 2, Jun. 2020.

Skills

Molecular biology techniques:
PCR, qPCR, WB, using restriction and ligation enzymes for gene engineering, mRNA isolation and, DNA isolation from animal cells

.

Microbial culture techniques:
Bacterial culture and maintenance, Placmid Isolation.

Animal cell culture and analysis:
Culturing different cell lines and maintenance, ell counting and viability, Cryopreservation,

Immunology:
Flow cytometry, ELISA, PBMC isolation and immune cells culture

Animal dealing experience:
Mice and Rats handeling, blood taking, injection, gavage,, tumor model induction, surgery and suturing

Bioinformatics:
Femiliar with Python, STATA, Transcript, analysis consol (TAC), Pyrx, Maestro 10.2, MarvinSKetch, Gephi, Cytoscape, Chimera