

Name: Francine Rizk

Emails: francinerizk@gmail.com; francine.rizk@ul.edu.lb

Biography:

Francine Rizk is currently a full professor at the Lebanese University. She achieved a PhD in Biology and Health from Montpellier 2 University-Faculty of Sciences -France, specializing in molecular virology and got a University diploma in “Cellular therapy” from Montpellier 1 University– Faculty of Medicine -France. In 2007 she took up the position as a lecturer in the Faculty of Sciences at the Lebanese University and in other private universities till 2012. In 2011, she became co-director of the Faculty of Sciences’ SCRM (Stem Cells and Regenerative Medicine) Master 2 program at the Lebanese University (for 5 years) and was a member in the scientific and organizing comity of the 1st and the 2nd Stem Cells international congresses that were held in 2011 and 2014 respectively at the Lebanese University. From 2017 to 2019, she was a member of the scientific and academic counsel at the biology department in the Faculty of Sciences-Fanar. She has more than 10 years of experience in research. She worked in different research fields: insect viruses, stem cells research, molecular biology and bioinformatics. She’s currently working on natural molecules with entomotoxic properties.

List of publications:

- Assessment of developmental abnormalities and lethality in zebrafish embryos after exposure to the bioinsecticide Pea Albumin 1 subunit b (PA1b). Aline Hamade, Zainab Sbaity, Joelle Eid, Linda Kfoury, **Francine Rizk**. (2020). *Microbial and Nematode Control of Invertebrate Pests IOBC-WPRS Bulletin*, Vol. 150, 127-132
- Linear Lepidopteran ambidensovirus 1 sequences drive random integration of a reporter gene in transfected *Spodoptera frugiperda* cells. **Rizk, F.**, Laverdure, S., d'Alencon, E., Bossin, H., & Dupressoir, T. (2018). *PeerJ*, 6, e4860. doi:10.7717/peerj.4860
- Cellular therapy with human autologous adipose-derived adult cells of stromal vascular fraction for alopecia areata. Anderi, R., Makdissy, N., Azar, A., **Rizk, F.**, & Hamade, A. (2018). *Stem cell research & therapy*, 9(1), 141
- Evaluation of cytotoxic activity of *CHORDA FILUM* from the lebanese coast against mcf-7 cancer cell line. Tannoury, M. Y., Khayrallah, M., Saab, A., Diab-Assaf, M., **Rizk, F.**, Hamade, A., & Najjar, F. (2018). *European Journal of Biomedical*, 4(12), 104-108
- Protective effect of *Rhus coriaria* fruit extracts against hydrogen peroxide-induced oxidative stress in muscle progenitors and zebrafish embryos. Najjar, F., **Rizk, F.**, Carnac, G., Nassar, R., Jabak, S., Sobolev, A. P., Saada, Y., El Sabban, M., & Hamade, A. (2017). *PeerJ*, 5, e4144
- Genome-wide analysis identifies gain and loss/change of function within the small multigenic insecticidal Albumin 1 family of *Medicago truncatula*. Karaki, L., Da Silva, P., **Rizk, F.**, Chouabe, C., Chantret, N., Eyraud, V., Gressent, F., Sivignon, C., Rahioui, I., Kahn, D., Brochier-Armanet, C., Rahbe, Y., & Royer, C. (2016). *BMC Plant Biol*, 16, 63. doi:10.1186/s12870-016-0745-0
- Hypovitaminosis D in a Young Lebanese Population: Effect of GC Gene Polymorphisms on Vitamin D and Vitamin D Binding Protein Levels. Medlej-Hashim, M., Jounblat, R., Hamade, A., Ibrahim, J. N., **Rizk, F.**, Azzi, G., Abdallah, M., Nakib, L., Lahoud, M., & Nabout, R. (2015). *Ann Hum Genet*, 79(6), 394-401. doi:10.1111/ahg.12133
- Vitamin D levels in serum, vitamin D receptor polymorphisms and semen quality correlations in Lebanon: A pilot cross-sectional study. Hamadé, A., Bhanini, S., Saade, T., Fakih, C., Azzi, R., Hazouri, M., & **Rizk, F.** (2014). *Universal journal of public health*, 2(4), 118-124
- Congenital anomalies: prevalence and risk factors. **Francine, R.**, Pascale, S., & Aline, H. (2014). *Universal journal of public health*, 2(2), 58-63
- Comparative expression pattern of two vestigial-like 2 genes in zebrafish. Hamade, A., **Rizk, F.**, Genet, C., & Cousin, X. (2013). *Bioengineering and Bioscience*, 1(2), 11-16

- Autism in children and correlates in Lebanon: a pilot case-control study. Hamade, A., Salameh, P., Medlej-Hashim, M., Hajj-Moussa, E., Saadallah-Zeidan, N., & **Rizk, F.** (2013). *J Res Health Sci*, 13(2), 119-124
- Multiplex PCR for detection of densovirus in wild Lepidoptera species. Abstract for “17ème Colloque de Biologie de l’Insecte”, octobre 2013. **Rizk, F.**, Karam, J.P., Hamade. A., & Kfoury, L.
- Strategies for reducing pesticide use in Lebanon: economic and environmental benefits. **Rizk, F.** (2011). *Pertinence*, 3, 27-53