

Liste des publications 2022

- Micó-Carnero M, Zaouali MA, Rojano-Alfonso C, Maroto-Serrat C, Ben Abdennebi H, Peralta C. A Potential Route to Reduce Ischemia/Reperfusion Injury in Organ Preservation. *Cells*. 2022 Sep 5;11(17):2763. doi: 10.3390/cells11172763. PMID: 36078175; PMCID: PMC9455584.
- Sarray S, Lamine LB, Dallel M, Jairajpuri D, Turki A, Sellami N, Ezzidi I, Abdelhadi M, Brock R, Ghorbel M, Mahjoub T. Association of MMP-2 genes variants with diabetic retinopathy in Tunisian population with type 2 diabetes. *J Diabetes Complications*. 2022 May;36(5):108182. doi: 10.1016/j.jdiacomp.2022.108182. Epub 2022 Mar 18. PMID: 35339376.
- Mir R, Tayeb FJ, Barnawi J, Jalal MM, Saeedi NH, Hamadi A, Altayar MA, Alshammari SE, Mtiraoui N, Ali ME, Duhier FMA, Ullah MF. Biochemical Characterization and Molecular Determination of Estrogen Receptor- α (ESR1 PvuII-rs2234693 T>C) and MiRNA-146a (rs2910164 C>G) Polymorphic Gene Variations and Their Association with the Risk of Polycystic Ovary Syndrome. *Int J Environ Res Public Health*. 2022 Mar 6;19(5):3114. doi: 10.3390/ijerph19053114. PMID: 35270805; PMCID: PMC8910123.
- Touhami R, Fodhda H, Alix E, Jalloul A, Mougou-Zerelli S, Saad A, Sanlaville D, Haj Khelil A. Case report: 7p22.3 deletion and 8q24.3 duplication in a patient with epilepsy and psychomotor delay-Does both possibly act to modulate a candidate gene region for the patient's phenotype? *Front Genet*. 2023 Jan 9;13:1061539. doi: 10.3389/fgene.2022.1061539. PMID: 36778913; PMCID: PMC9909830.
- Mir R, Saeedi NH, Jalal MM, Altayar MA, Barnawi J, Hamadi A, Tayeb FJ, Alshammari SE, Mtiraoui N, M Ali ME, Abuduhier FM, Ullah MF. Clinical Implications of Krüppel-like Transcription Factor KLF-14 and Certain Micro-RNA (miR-27a, miR-196a2, miR-423) Gene Variations as a Risk Factor in the Genetic Predisposition to PCOS. *J Pers Med*. 2022 Apr 6;12(4):586. doi: 10.3390/jpm12040586. PMID: 35455702; PMCID: PMC9030665.
- Missawi O, Jeddou IB, Venditti M, Zitouni N, Zaouali MA, Abdennebi HB, Messaoudi I, Reiter RJ, Minucci S, Banni M. Environmental microplastic accumulation exacerbates liver

ischemia-reperfusion injury in rat: Protective effects of melatonin. *Sci Total Environ.* 2023 Feb 20;860:160155. doi: 10.1016/j.scitotenv.2022.160155. Epub 2022 Nov 25. PMID: 36436653.

– Exome sequencing reveals a homozygous frameshift variant in CAPN3 in a Tunisian patient with a neuromuscular disorder. *Molecular and Genetic Medicine*

– Expanding the Mutational Spectrum of Xia-Gibbs and Bosch-Boonstra-Schaaf Optic Atrophy Syndromes. *Annals of clinical case Reports*

– Slim C, Zaouali MA, Nassrallah H, Ammar HH, Majdoub H, Bouraoui A, Abdennebi HB. Protective potential effects of fucoidan in hepatic cold ischemia-reperfusion injury in rats. *Int J Biol Macromol.* 2020 Jul 15;155:498-507. doi: 10.1016/j.ijbiomac.2020.03.245. Epub 2020 Mar 31. PMID: 32243932.

– Dhiflaoui A, Mahjoub S, Chayeb V, Achour B, Chouchen S, Abdennebi HB, Mahjoub T, Almawi WY. miR-146a, miR-196a2, miR-499, and miR-149 linked with susceptibility to acute lymphoblastic leukemia: A case-control study in Tunisia. *Gene.* 2022 Aug 5;834:146648. doi: 10.1016/j.gene.2022.146648. Epub 2022 Jun 9. PMID: 35690283.

– Chkioua L, Amri Y, Saheli C, Mili W, Mabrouk S, Chabchoub I, Boudabous H, Azzouz WB, Turkia HB, Ferchichi S, Tebib N, Massoud T, Ghorbel M, Laradi S. Molecular characterization of CTNS mutations in Tunisian patients with ocular cystinosis. *Diagn Pathol.* 2022 May 6;17(1):44. doi: 10.1186/s13000-022-01221-8. PMID: 35524314; PMCID: PMC9074260.

– Mir R, Altayar MA, Hamadi A, Tayeb FJ, Saeedi NH, Jalal MM, Barnawi J, Alshammari SE, Mtiraoui N, Ali MEM, Abuduhier FM, Ullah MF. Molecular determination of progesterone receptor's PROGINS allele (Alu insertion) and its association with the predisposition and susceptibility to polycystic ovary syndrome (PCOS). *Mamm Genome.* 2022 Sep;33(3):508-516. doi: 10.1007/s00335-021-09941-w. Epub 2022 Jan 8. PMID: 34997844.

– Perla, a new coldstorage solution to preserve liver grafts from extended criteria donor. *Transplantation*

– Using a new preservation solution called Perla for kidney transplantation. *Transplantation*

– Maouia A, Leban N, Youssef M, Helal AN, Kassab A. Desloratadine Efficacy in Relation to GSTM1 and GSTT1 Polymorphic Genes in Chronic Spontaneous Urticaria. *Indian J Dermatol.* 2022 May-Jun;67(3):252-257. doi: 10.4103/ijd.IJD_546_17. PMID: 36386105.

- Bahia W, Zitouni H, Kanabekova P, Bauyrzhanova Z, Shaimardanova M, Finan RR, Aimagambetova G, Almawi WY. Human forkhead box protein 3 gene variants associated with altered susceptibility to idiopathic recurrent pregnancy loss: A retrospective case-control study. *Am J Reprod Immunol*. 2022 Aug;88(2):e13551. doi: 10.1111/aji.13551.
- Ncib K, Bahia W, Leban N, Mahdhi A, Trifa F, Mzoughi R, Haddad A, Jabeur C, Donders G. Microbial Diversity and Pathogenic Properties of Microbiota Associated with Aerobic Vaginitis in Women with Recurrent Pregnancy Loss. *Diagnostics (Basel)*. 2022 Oct 9;12(10):2444. doi: 10.3390/diagnostics12102444.
- Haddaji N, Mahdhi A, Bouali N, Ghorbel M, Bechambi O, Leban N, Ameer M, Mzoughi R. Biosurfactants as inhibitors of the adhesion of pathogenic bacteria. *Emir. J. Food Agric* 2022. 34(1): 36-43
- Daimi, H.; Lozano-Velasco, E.; Aranega, A.; Franco, D. Genomic and Non-Genomic Regulatory Mechanisms of the Cardiac Sodium Channel in Cardiac Arrhythmias. *Int. J. Mol. Sci.* 2022, 23, 1381. <https://doi.org/10.3390/ijms23031381>