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| Ali Torabi  Researcher at Université de Montréal | 1130, avenue Tellier  Saint-Hyacinthe, QC **(514) 806-3375**  **Matstr56@gmail.com** |
| PROFILE Diversified experiences in the field of research and clinic. Ability to implement the protocols according to GLPs and SOPs. Area of interests include: research, molecular Biology, pharmacology, drug discovery, immunology, reproduction, cancer EXPERIENCECentre Hospitalier Universitaire Vétérinaire, Saint-Hyacinthe, QC, Canada *Research Laboratory Assistant in Animal Theriogenology and Embryology**,* 2017 – 2018  * Embryology laboratory, Collect, classify, freeze and transfer embryos * Semen analysis, evaluation of sperm motility and morphology * Apply superovulation and synchronization protocols in dairy herds * Pregnancy test and fetal sexing using ultrasound * Research on the animal reproductive system * Teaching assistant, training last year veterinary students  Reproductive and Fertility Research Center (CRRF),  Saint-Hyacinthe, QC, Canada  *Research Assistant in Molecular Biology and pharmacology**,* 2015 – 2017  * Study the effects of mycotoxins on ovarian theca cell function using a proteomic approach * Identify intracellular signaling pathways activated in response to DON and DOM-1 exposure (in vitro study) * Identify transcription and apoptotic factors such as MAPKs using techniques such as cell culture, phosphopeptide extraction, RT-PCR, Western blot, flow cytometry and mass spectrometry  Saint-Justine hospital,Montreal, QC, Canada *Assistant of Immunology Laboratory*| 2013  * Monitor the signs of early toxemia on the fetus by constant monitoring of fetal ECG, mean arterial pressure and amniotic pressure after injecting bacterial LPS * Identify the early inflammatory cytokines such as IL-1, Il-4, Il-10 and TNF-αs using ELISA * Study the effect of vagal nerve stimulation on the secretion of the inflammatory cytokines * Induce, intubate and maintain animal during anesthesia   **Veterinary clinic,**  Shooshtar, KH, Iran  *Manager of the veterinary clinic* | 2001-2011   * Diagnosis and treatment of diseases, prescribing medication * Surgery, anesthesia, obstetrics, treatment of infertility * Training veterinary staffs such as technicians and veterinary students * Running workshops on animal health and zoonosis to promote the public health * Research on the management and treatment of infertility in dairy herds  EDUCATIONUniversité de Montréal, Saint-Hyacinthe, QC, Canada *Internship in Veterinary Theriogenology* | 2017-2018Université de Montréal, Saint-Hyacinthe, QC, Canada  *Master degree in Molecular Biology and pharmacology*| 2015 - 2017University of Shahid Chamran, Ahvaz, KH, Iran *Veterinary Medicine Degree (DVM)*| 2001Supplementary courses  * Introduction to veterinary public health | 2017 * Epidemiology I | 2017 * Bacteriology course | 2017 * Biochemistry I |2014 * Organic chemistry I | 2014 * General chemistry II | 2014 * Physics II, Electromagnetism | 2014 * Mathematics | 2014 * Introduction to statistics | 2014 * Fundamental Immunology | 2013  ACCEPTED ARTICLES FOR PUBLICATIONSInternational Journal of Reproductive Biomedicine *Effects of DON and DOM-1 on Bovine Ovarian Theca Cell Function*| 2018International journal of theriogenology  *Large Ovarian Syndrome* *and differential diagnosis of ovarian cancers in cattle* | 2018 **Iranian journal of Histology**  *Immunohistologic study of the GALT (gut-associated lymphoid tissue) in the buffalo large intestine in different ages* | 2005 | SKILLS  * ★★★★★ Creative ★★★★☆ Autonomous ★★★★☆ Sense of Adaptation ★★★★☆ Solve Scientific Problems ★★★★☆ Concern for Accuracy ★★★★★ Flexibility ★★★☆☆ Project Management ★★★★☆ Microsoft Office ★★★★☆ Matlab ★★★★☆ DSA  LANGUAGES ★★★★☆ English ★★★★☆ Français ★★★★★ Persian REFERENCES References available upon request LINKES LinkedIn  www.linkedin.com/in/ali-torabi-429925137 |