|  |  |
| --- | --- |
| **Mohammed Ali Khidhir**  Email: [mohammed.khidhir@komar.edu.iq](mailto:mohammed.khidhir@komar.edu.iq)  **Tel: 07725970625 in Iraq 0044 7467165372 UK** | **Address**  24 Braemer House  135 Maida Vale  London W9 1UT  United Kingdom |
| EXPERIENCE **2020-2021** Dean Deputy for post graduate studies and  International affairs at the Finland University in Iraq  Al-Harithia, Baghdad  **2019-2020 Associate professor/ Head of MSc studies**  **Komar University/ Medical Laboratory Sciences (MLS), Kurdistan**  **Teaching Responsibilities:**  **Teaching Medical Microbiology for Dentistry and Pharmacy students**  **Teaching Medical Parasitology for MLS students**  **Teaching Molecular Biology for MLS students**  **Head of Post Graduate students (one PhD and 2 MSc students)**  **2012-2020 Consultant of Molecular Diagnostics/ Associate Professor of Molecular Microbiology**  **International Laboratories and Educational LLC**  **Arizona, USA, Tel. 4809613636, Email: taziles@cox.net**  **Consultant of Molecular Diagnosis and training manager**  Head of training and Lecture supervision of DNA related `technologies in GCC countries  Management and annual budget control  Teaching all PCR techniques, DNA sequencing and Gene Cloning Technology as new Diagnostic Tools. **2005-2012****Management of Nature Conservation**Abu Dhabi, UAE **Head of Research Division/Head of Molecular Diagnosis Department**   1. Managing all the research division projects 2. Research budget control 3. Training programs for University students   **2001-2005 Consultant of Molecular Diagnostics**  **Mafraq Hospital. Abu Dhabi, UAE**  Heading the molecular Diagnosis laboratory and all crossmatch testing procedures  Head of Training program for Ajman University Medical Students  **1996- 2001 A)**  **Consultant of Molecular Diagnostics**  KAR Laboratories, London, UK  Supervising all DNA and RNA testing this include   1. All PCR and RT-PCR protocols 2. DNA and RNA Blotting tests 3. Genotyping and DNA Sequencing 4. Lecturing on modern diagnostic technologies   **B**) **Associate Professor of Molecular Biology at the** University of Leicester. Teaching molecular microbiology, medical microbiology &parasitology  **1992-1995** **Research Associate (Lecturer)** **Wayne State University, Michigan, USA** Teaching Practical’s for molecular microbiology  Research Project: Molecular basis of Fetal Alcohol Syndrome. cDNA library, Subtractive hybridization techniques and 2-Dimentional gel electrophoreses were performed during this project  Two scientific papers and a new DNA purification method were published  **1987-1992 Research Associate**  University of Leicester, England, UK  Teaching Molecular Microbiology and microbial Genetics. Research Projects:  **EDUCATION** University of Leicester- PhD 1982-1987 Department of Genetics  **University of Baghdad, Iraq 1970**  **College of Sciences**  Subject: Zoology and Microbiology  **PUBLICATION**  **Publications & Conference Presentations**   1. **Khidhir, M.A**., Oda, H. and AL-Sagor, A. Investigation on the role of cell wall in the radioresistance of Micrococcus radiodurance strain RII5 ( The 6th International Congress of Radiation Research, May 13-19, 1981, Tokyo, Japan). 2. **Khidhir, M.A**. and Holland I.B (1983). High transformation efficiency of plasmid DNA replicated *in vitro,* using SC62 recipient strain. Annual meeting of British Society of Microbiology, Cambridge, England.     **3**. **Khidhir, M.A**., Casaregola, S. and Holland, I.B. (1985) Mechanism of transient inhibition of DNA synthesis in ultra-violet irradiated E.coli: Inhibition is independent of recA whilst recovery required recA protein itself and an additional inducible SOS function. *Mol. Gen. Genet.* 199: 133-140  **4**. **Khidhir,M.,A**., Casaregola, S., and Holland, I.B. (1986). Mechanism of inhibition recovery of DNA synthesis in ultra-violet irradiated *E.coli* mutants. 25th Annual Meeting of Microbial Genetics, sept. 20-24, 1986, Moscow, USSR.   1. **Khidhir, M.A**., Casaregola, S. and Holland, I.B (1987) Modulation of Rnase H production not required for recovery of DNA synthesis following UV-irradiation in *E. coli.* *Mol. Gen. Genet.* 94: 494-498 2. **Khidhir, M.A.**, Wiseika, M., and Boulnois, G. (1988) Cloning and characterization of non- fimbrial adhesion genes. Proceeding of the 5th conference of Microbial Pathogenicity, Texas, USA.     **8. Khidhir, M.A**., Casaregola, S. and Holland, I.B. (1989) *In vitro* replication and mutagenesis of ColE1 plasmid DNA in extract from repair deficient *Escherichia coli* mutant.  *Biochem. Biophys. Acta.* 1008: 45-51  **9. Khidhir, M.A**., Wiselka, Batrov, Y., Weiss, E., Goldhar, J., Jann, K. and Boulnois, G. (1992) Cloning and analysis of *Escherichia coli* non-fimbrial genes. *J. Mol. Microbiol.* 131: 521-525  **10. Khidhir, M**., A., Holland, I. B. (1993).The effect of ultraviolet radiation upon DNA synthesis in *E.coli* mutant defective in protease activity and recombination. 16th EMBO Symposium on Microbial Genetics. 17-20 September, Heidelberg, Germany  **12**. **Khidhir, M.A**., and Armant., R.D. (1994). Computer based analysis  of protein modulated by alcohol effect on mouse pre-implantation  embryos, using 2-D gel electrophoresis. Annual Meeting of the  American Research Society of Alcoholism treatment and Prevention  May 1994, San Antonio, Texas, USA    **13**. **Khidhir, M., A**., Nelson, J. and Krawetz, S., A. (1994**)** Purification of DNA by Guanidine Thiocyanite with Isobutyl alcohol Fractionation.” Cell Biology: A Laboratory Handbook” By Julio E. Celis Cell Biology a Laboratory Hand Book, Vol. 1, Publisher, Place, pages 674 -679  **14. Khidhir, M**., A., Stachiki, J.J. and Armant, R.D. (1996). Rapid inhibition of mRNA synthesis during preimplantation embryo development: vital permeabilization by lysolecithin potentiates the action of alpha-amanitin**.**Exp Cell Res. 1995 Aug;219(2):619-23**.**    **15. Khidhir, M.A**.(2003). Genetics markers and its application to study inherited diseases in mammals.: Isolation of minisatellite from mammalian DNA. The International Genetics Congress, Dubai UAE.  **16. Khidhir, M.A**, Wiselka,M. (2005). Cloning and molecular characterization of nonfimbrial adhesin genes *(NFA-3)* from uropathogenic *E.coli* isolated from pregnant women.  *Emirates Medical Journal.*  **17. Khidhir, M.A**., Kumar, P, and AL- Asser, M. (2007). Genetic characterization and population structure of Arabian Tahr (*Hemitragus jayakarii*) based on microsatellites analysis. 9th Annual meeting of Computational Molecular Genetics in Singapore.  **18. Khidhir, M.A**., Kumar, P, and AL- Asser, M. (2012). Genetic diversity Of Arabian Tahr *(Arabitragus jayakari)* in United Arab Emirates based on microsatellite markers. *(Submitted- Gene Journal)*  **19. Khidhir,M.A**., Kumar, P. (2011). Genetic characterization and  Population structure of the Camel Dromedary population in Abu  Dhabi, UAE. Accepted for oral presentation at WASET 2011 Spring Int. Conference. Bangkok, Thailand.  **20**. Nasir Kamat, **MohammedA. Khidhir,** Ulf Rannug **(**2012)  High incidence of instability and loss of heterozygosity in three loci  In breast cancer patients receiving chemotherapy: a prospective study  *BMC Cancer* **12**: 373  21. Nasir Kamat, Mohammed Khidhir, Ulf Rannug (2013) Microsatelite  Instability and loss of heterozygosity detected in middle-aged patient  With sporadic colon cancer: A prospective study. Oncology Letters  Aug. 2013  22. Nasir Kamat, **Mohammed Khidhir**, Sabir Hussein, Mouied Al ashari, Ulf Rannug (2014). Chemotherapy induce microsatellite instability and Loss of heterozygosity in chromosomes 2, 5, 7, 10 and 17 in solid tumor Patients. *Cancer Cell International* 14:18  **Research Interest**   * Genetic conservation of endangered species * Microsatellite sand SNP genetic markers and its application in nature conservation and diagnosis   **References**  **Dr. Dlzar Ghafoor**  Head of MLS Department  Komar University  Sulimanya, Kurdistan, Iraq  Tel:+9647701387097  Email: [dlzar.ghafoor@komar.edu.iq](mailto:dlzar.ghafoor@komar.edu.iq)  **Professor Charalambos P. Kyriacou**  University of Leicester  Professor of Behavioural Genetics, Department of Genetics  Tel: +44 (0)116 252 3430  Fax: +44 (0)116 252 3378  E-Mail: [cpk@le.ac.uk](mailto:cpk@le.ac.uk)  **Professor I.B.Holland**  Institute de Genetique et Microbiologie  Batiment 409, Universite de Paris XI, 91405 Orsay Cedex 05, France  Tel: 010-33-10-41-7706 Fax:010-33-10-41-7808  Email:      [Holland@igmors.u-psud.fr](http://us.mc1606.mail.yahoo.com/mc/compose?to=Holland@igmors.u-psud.fr) | SKILLS Vast Teaching Experience in England, USA and Kurdistan covering wide range of subjects: Biology, Medical Microbiology, Bacteriology, Medical parasitology, Molecular Biology Molecular Diagnostic and Molecular Genetics   * Head of Research center with four Departments (molecular biology, biochemistry, reproductive physiology and IVF) for seven years * Project Management of multi million Dollars budget with over 40 personnel * Research Experience in the state of the art DNA and RNA technologies (Gene Cloning, DNA Sequencing, Library Construction, Genotyping and all type of PCR and RT-PCRapplications) for more than 15 years * **AWARDS**   **1. Winner of Sheikh Hamdan Award for Clinical Sciences 2003 for Gene cloning of Adhesin genes**  **2. Winner of Sheikh Hamdan Award for Clinical Sciences 2004 for role of MTHFR mutation in neural tube defect**  **3. Winner of two Welcome Trust Foundation 1987 and 1990 for Gene cloning**  **4. Winner of the grant from the American Society for Alcohol and Drug prevention 1993 in USA**  **LANGUAGES: Fluent in English and Arabic** |