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| **Mohammed Ali Khidhir**Email: mohammed.khidhir@komar.edu.iq **Tel: 07725970625 in Iraq 0044 7467165372 UK** | **Address**24 Braemer House135 Maida ValeLondon W9 1UTUnited Kingdom |
| EXPERIENCE**2020-2021** Dean Deputy for post graduate studies andInternational affairs at the Finland University in IraqAl-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 proceduresHead of Training program for Ajman University Medical Students**1996- 2001 A)**  **Consultant of Molecular Diagnostics** KAR Laboratories, London, UKSupervising all DNA and RNA testing this include1. 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 projectTwo scientific papers and a new DNA purification method were published**1987-1992 Research Associate**University of Leicester, England, UKTeaching Molecular Microbiology and microbial Genetics. Research Projects: **EDUCATION**University of Leicester- PhD 1982-1987Department 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**: 37321. 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. 201322. 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 DepartmentKomar UniversitySulimanya, Kurdistan, IraqTel:+9647701387097Email: dlzar.ghafoor@komar.edu.iq **Professor Charalambos P. Kyriacou**University of Leicester Professor of Behavioural Genetics, Department of GeneticsTel: +44 (0)116 252 3430  Fax: +44 (0)116 252 3378E-Mail: cpk@le.ac.uk**Professor I.B.Holland**Institute de Genetique et MicrobiologieBatiment 409, Universite de Paris XI, 91405 Orsay Cedex 05, FranceTel: 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) | SKILLSVast 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** |