Personal Data

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| Name | Amira Abdelrazak Turki |
| Department | Medical Laboratory Technology |
| Nationality | Tunisian |
| Date | 09/02/1981 |
| Official Email | Amira.Turki@nbu.edu.sa |
| Phone | 4791 |

Language proficiency

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| --- | --- | --- | --- |
| Language | Read | Write | Speak |
| Arabic | √ | √ | √ |
| French | √ | √ | √ |
| English | √ | √ | √ |

Academic Qualifications (Beginning with the most recent)

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| Date | Academic Degree | Place of issue | Address |
| 2015 | Ph.D. in Biological Sciences and Biotechnology | Tunisia | Higher institute of biotechnology of Monastir |
| 2007 | Master in Food Quality and Bioprocess Analysis | Tunisia | Higher institute of biotechnology of Monastir |
| 2004 | Bachelor in Biological Sciences | Tunisia | Higher institute of biotechnology of Monastir |

PhD, Master or Fellowship Research Title

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| PhD | Impacts of the SNPs of some type 2 diabetes candidate genes and their vascular complications in the Tunisian population |
| Master | Molecular typing of Acinetobacter strains isolated at the University Hospital of Monastir |

Professional Record(Beginning with the most recent)

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| Job Rank | Place And Address of work | Date |
| Assistant Professor | Faculty of Applied Medical Sciences, Northern Border University, KSA | 2016 |
| Researcher | Human Genome and Multifactorial Diseases Research Laboratory, Faculty of Pharmacy, Monastir, Tunisia | 2015 |
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Management Position(Beginning with the most recent)

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| Administrative position | The disk | Date |
| Director | Measurement and Evaluation Unit | 2023 |
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Scientific Achievements (Published Refereed Scientific Research)

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| --- | --- | --- |
| Name of Investigators | Research Title | Publisher and Date of Application |
| 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. | Journal of Diabetes and its Complications - 2022 |
| Sarray S, Dallel M, Lamine LB, Jairajpuri D, Sellami N, Turki A, Malalla Z, Brock R, Ghorbel M, Mahjoub T. | Association of matrix metalloproteinase-2 gene polymorphisms with susceptibility to type 2 diabetes: A case control study. | Journal of Diabetes and its Complications - 2021 |
| Lamine LB, Turki A, Al-Khateeb G, Sellami N, Amor HB, Sarray S, Jailani M, Ghorbel M, Mahjoub T, Almawi WY. | Elevation in Circulating Soluble CD40 Ligand Concentrations in Type 2 Diabetic Retinopathy and Association with its Severity. | Experimental and Clinical Endocrinology & Diabetes - 2018 |
| Sellami N, Lamine LB, Turki A, Sarray S, Jailani M, Al-Ansari AK, Ghorbel M, Mahjoub T, Almawi WY. | Association of VEGFA variants with altered VEGF secretion and type 2 diabetes: A case-control study. | Cytokine - 2018 |
| Turki A, Mzoughi S, Mtitaoui N, Khairallah M, Marmouch H, Hammami S, Mahjoub T, Almawi WY. | Gender differences in the association of ELMO1 genetic variants with type 2 diabetes in Tunisian Arabs. | Journal of Endocrinological Investigation - 2018 |
| Turki A, Al-Zaben GS, Khirallah M, Marmouch H, Mahjoub T, Almawi WY. | Gender-dependent associations of CDKN2A/2B, KCNJ11, POLI, SLC30A8, and TCF7L2 variants with type 2 diabetes in (North African) Tunisian Arabs. | Diabetes Research and Clinical Practice - 2014 |
| [Turki A](http://www.ncbi.nlm.nih.gov/pubmed?term=Turki%20A%5BAuthor%5D&cauthor=true&cauthor_uid=23727064), [Mahjoub T](http://www.ncbi.nlm.nih.gov/pubmed?term=Mahjoub%20T%5BAuthor%5D&cauthor=true&cauthor_uid=23727064), [Mtiraoui N](http://www.ncbi.nlm.nih.gov/pubmed?term=Mtiraoui%20N%5BAuthor%5D&cauthor=true&cauthor_uid=23727064), [Abdelhedi M](http://www.ncbi.nlm.nih.gov/pubmed?term=Abdelhedi%20M%5BAuthor%5D&cauthor=true&cauthor_uid=23727064), [Frih A](http://www.ncbi.nlm.nih.gov/pubmed?term=Frih%20A%5BAuthor%5D&cauthor=true&cauthor_uid=23727064), [Almawi WY](http://www.ncbi.nlm.nih.gov/pubmed?term=Almawi%20WY%5BAuthor%5D&cauthor=true&cauthor_uid=23727064). | Association of POL1, MALT1, MC4R, PHLPP and DSEL single nucleotide polymorphisms in chromosome 18q region with type 2 diabetes in Tunisians. | [Gene](http://www.ncbi.nlm.nih.gov/pubmed/23727064) - 2013 |
| Turki A, Al-Zaben GS, Mtiraoui N, Marmmuoch H, Mahjoub T, Almawi WY. | [Transcription factor-7-like 2 gene variants are strongly associated with type 2 diabetes in Tunisian Arab subjects.](http://www.ncbi.nlm.nih.gov/pubmed/23142382) | Gene - 2013 |
| Turki A, Mtiraoui N, Al-Busaidi AS, Khirallah M, Mahjoub T, Almawi WY. | [Lack of association between genetic polymorphisms within KCNQ1 locus and type 2 diabetes in Tunisian Arabs.](http://www.ncbi.nlm.nih.gov/pubmed/23107108) | Diabetes Research and Clinical Practice - 2012 |
| Nemr R, Turki A, Echtay A, Al-Zaben GS, Daher HS, Irani-Hakime NA, Keleshian SH, Almawi WY. | [Transcription factor-7-like 2 gene variants are strongly associated with type 2 diabetes in Lebanese subjects.](http://www.ncbi.nlm.nih.gov/pubmed/23107111) | Diabetes Research and Clinical Practice - 2012 |
| Mtiraoui N, Turki A, Nemr R, Echtay A, Izzidi I, Al-Zaben GS, Irani-Hakime N, Keleshian SH, Mahjoub T, Almawi WY. | [Contribution of common variants of ENPP1, IGF2BP2, KCNJ11, MLXIPL, PPARγ, SLC30A8 and TCF7L2 to the risk of type 2 diabetes in Lebanese and Tunisian Arabs.](http://www.ncbi.nlm.nih.gov/pubmed/22749234) | Diabetes & Metabolism Journal - 2012 |
| Mtiraoui N, Ezzidi I, Turki A, Chaieb A, Mahjoub T, Almawi WY. | [Single-nucleotide polymorphisms and haplotypes in the adiponectin gene contribute to the genetic risk for type 2 diabetes in Tunisian Arabs.](http://www.ncbi.nlm.nih.gov/pubmed/22497971) | Diabetes Research and Clinical Practice - 2012 |
| Mtiraoui N, Ezzidi I, Turki A, Chaieb M, Mahjoub T, Almawi WY. | [Renin-angiotensin-aldosterone system genotypes and haplotypes affect the susceptibility to nephropathy in type 2 diabetes patients.](http://www.ncbi.nlm.nih.gov/pubmed/21421655) | Journal of the Renin-Angiotensin-Aldosterone System - 2011 |
| Ezzidi I, Turki A, Messaoudi S, Chaieb M, Kacem M, Al-Khateeb GM, Mahjoub T, Almawi WY, Mtiraoui N. | [Common polymorphisms of calpain-10 and the risk of Type 2 Diabetes in a Tunisian Arab population: a case-control study.](http://www.ncbi.nlm.nih.gov/pubmed/20470430) | BMC Medical Genetics - 2010 |

Scientific Achievements (Scientific Research accept for publication)

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| Name of Investigators | Research Title | Date | The magazine |
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Scientific Achievements(Scientific Research submitted for Arbitration of specialized )

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| Name of Investigators | Research Title | Plot And Date of publication |
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Scientific Achievements(Finished Research Projects)

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| Name of Investigators | Research Title | Date Title |
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Scientific Achievements(Current Research)

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| Name of Investigators | Research Title |
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Scientific Achievements (Contribution to Scientific Conference and symposia)

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| Conference Title | Place And Date of the Conference | Extent of Contribution |
| 31th Conference of the French Company of Endocrinology | France, Lyon. November 2014 | Poster presentation |
| Conference of the French Society of Diabetes | Palace of Congresses of Paris, France. March 2014 | Poster presentation |
| International Day of Biotechnology | Mahdia, Tunisia. December 2012 | Poster presentation |
| First Scientific Lab. Day: Genetics, Biodiversity and Valuation of Bioresources | Monastir, Tunisia. April 2013 | Poster presentation |
| 24th ATSB Biological Sciences and Biotechnology Forum. Tunisian Association of Biological Sciences. | Sousse, Tunisa. Mars 2012 | Poster presentation |
| Second Interface day of biological Clinic | Sousse, Tunisa. April 2009 | Oral presentation |
| Second Interface day of biological Clinic | Sousse, Tunisa. April 2009 | Poster presentation |

Scientific Achievements(Membership and Committees participating in)

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| 1- |  |
| 2- |  |
| 3- |  |

Teaching Activities(Undergraduate)

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| Course | Course Number | Extent of Contribution |
| Genetics and Molecular Biology | 1301221 | Instructor of theoretical part |
| Medical Laboratory Instrumentation | 1301203 | Instructor of theoretical part |
| Clinical Rotation - Clinical Chemistry | 1301416 | Instructor of tutorial part |
| Biochemistry | 1211213 | Instructor of theoretical part |
| Nutrition | 1211214 | Instructor of theoretical part |

Brief Description of the Undergraduate Courses taught

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| 1- | Genetics and Molecular Biology course is designed to prepare the students for the molecular diagnostic procedures and applications. The student is taught how to prepare DNA and RNA, plasmids, agarose gels and competent cells for use in transformation. During the course, the student also learns about cloning techniques, PCR reactions, DNA restriction, digestion, ligation and many other techniques required in molecular genetics. |
| 2- | This course is designed with the object of introducing the various instruments and analytical techniques being used in the clinical laboratory. Emphasis is placed on the proper care, calibration, maintenance and use of selected laboratory instruments.  The course consists of the following major topics: microscopy, chromatography, electrophoresis, spectrophotometry, ion-selective electrodes, immunoassays, biosensors and laboratory automation. |
| 3- | C.R. Clinical Chemistry course is a clinical rotation that depends upon the training of the students in the clinical chemistry laboratory. During clinical rotation, the student can apply biochemical and selected immunological laboratory techniques currently used for the diagnosis of human diseases, analyze and Interpret the results of clinical laboratory tests and differentiate normal from abnormal condition. |

Teaching Activities (Scientific Studies)

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| Course | Course Number | Extent of Contribution |
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Teaching Activities (academic advising for Student)

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| Stage | Number of Students | Form | To me |
| 1st Year | 8 | 1443 | 1444 |
| 2nd Year | 2 | 1443 | 1444 |
| 3ed Year | 4 | 1443 | 1444 |

Teaching Activities(Supervision of master and doctoral theses)

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| Scientific Certificate | The Side | The address | Date |
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Teaching Activities(Supervision of Ongoing Research)

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| Scientific Certificate | The Side | The address | Date |
| PhD OF MEDICAL LABORATORY TECHNOLOGY | Deficiency of Vitamin D and its impact in Saudi Arabia | Medical Laboratory Technology department, Applied Medical Sciences, NBU | 2019 |
| PhD OF MEDICAL LABORATORY TECHNOLOGY | Prevalence of gestational diabetes in Saudi Arabian women and its impacts on both baby and mother | Medical Laboratory Technology department, Applied Medical Sciences, NBU | 2020 |
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Administrative Tasks And Community Service

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| The Side | Position | Form | To me |
| Unit of measurement and assessment | Director | 1444 | 1444 |
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Administrative Tasks and Community Service (Committee membership)

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| The Side | Position | Form | To me |
| Medical Laboratory Technology Council Committee | Member | 1440 | 1444 |
| Examination review committee of Medical Laboratory Technology Department | Member | 1442 | 1444 |
| Quality and Academic Accreditation Committee of Medical Laboratory Technology Department | Member | 1442 | 1444 |
| Curriculum development Committee of the College of Applied Medical Sciences | Member | 1442 | 1444 |
| Curriculum development committee of Medical Laboratory Technology Department | Member | 1443 | 1444 |

Administrative Tasks and Community Service (Educational Consultancy)

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| Time-full Partial-time | The Side | Form | To me |
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Administrative Tasks and Community Service (Volunteer Work)

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| The Side | Volunteer Type | Form | To me |
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Voluntary Competencies and Skills

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| 3- |  |