

**Sara Abdel-Reheem Mohamed Atta**

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|  | Profile: |

**Gender: Female**

**Marital status: married.**

**Nationality: Egyptian**

**Birth: 5th February 1986, Saudi Arabia**

**Phone: 01005737159**

**E-mail: saraatta@aun.edu.eg**

**Saraatta2016@gmail.com**

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|  | Education: |

* Ph.D. in medical biochemistry, Faculty of Medicine, Assiut University, Egypt 2019.
* Masters in medical Biochemistry, Faculty of Medicine, Assiut University, Egypt,2015.
* Master's degree in clinical Pathology, Faculty of Medicine, Assiut University, Egypt, 2013.
* Bachelor of medicine and surgery (MBBCh), Assiut University, Egypt 2008.
* Graduation Grade**:** Excellent

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|  | Work Experience: |

**Lecturer of Medical Biochemistry, Faculty of Medicine, Assiut University (2019-present).**

* A member of the Medical Biochemistry Department and teaching many of Assiut University faculties׳ such as Medicine, Pharmacy, Clinical Pharmacy, Dentistry, College of Nursing, and Veterinary medicine.
* Enhanced student comprehension by utilizing diverse teaching methodologies and techniques.
* Served as a mentor to new faculty members, offering guidance on classroom management and lesson planning techniques.
* Evaluated student progress through regular assessments, providing detailed feedback for improvement and growth.
* Used PowerPoint and Google Classroom technology to give presentations to student classrooms.

**Quality Manager of Metabolic and Genetic Disorders lab, Assiut University, Egypt (2014- present).**

* A ten-year background in implementing requirements of iso-15189:2012 and developing improvement processes through collaboration with cross-functional teams.
* Conducted workshops on tissue cultures, karyotyping, and Amino acid analyzer.
* Performed complex karyotyping analysis for prenatal diagnosis, guiding critical healthcare decisions for expecting parents.
* Conducted thorough audits to ensure adherence to medical standards and regulatory requirements, maintaining compliance consistently.
* Provided technical support during audits, demonstrating adherence to regulatory standards and best practices within cytogenetics.
* Increased laboratory safety, adhering to strict guidelines for handling biohazardous materials and waste disposal.

**Administrative manager at Alfa Laboratories (2018-2021) and Al-Borg Laboratory clinical laboratories (2016-2018)**

* Ensured enhanced communication among team members, fostering a collaborative and supportive work environment.
* First-rate computer, analysis, and research skills. Specialties include achieving set targets, generating new strategies, and maintaining accurate records.

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|  | **Skills & Languages:**   * + Work experience in genetic and clinical lab work as cytogenetic work., conventional PCR, Real-time PCR, TaqMan genotyping assay, Tissue culture, Amino acid analyzer, Spectrophotometry, HPLC, and Electrophoresis.   + Good experience in quality control and internal audit of medical labs.   + Good experience in the safety of medical labs.   + Excellent experience in credit hours and modern teaching methodology.   + Good experience using MS Office (Excel – Word – Power Point-Endnote -SPSS) - Passed ICDL Computer License.   + Proficiency in spoken and written English.   + Very good in Teamwork & Communication skills. |
|  | Workshops and Conferences: |

**Had Participated in conferences and professional development opportunities to stay up to date with the latest trends in the field.**

* + The use of karyotyping and cytogenetic studies in diagnosing genetic disorders **(2022-2023)**
  + Credit Hour System training program **(2011).**
  + Quality Standards in Teaching Training program **(2011).**
  + New Trends in teaching training programs **(2010).**
  + Student Evaluation training program **(2011).**
  + Active learning training program **(2011).**
  + Workshop in tissue Culture and genetic engineering basis **(2019)**
  + Workshop on requirements for ISO 15189 for clinical laboratories **(2015).**
  + Workshop on internal audit in clinical laboratories **(2015).**
  + University teacher preparation course **(2014).**
  + Training Program on safety in clinical laboratories **(2017).**
  + Training program on uncertainty **(2017).**
  + Workshops on tissue culture and genetic engineering **(2017).**
  + Medical course on advanced statistics (ROC curve and Med. Calc) **(2016).**
  + Training program on End note and scientific literature **(2014).**
  + Research Methodology training program **(2012).**
  + Cardio-Pulmonary Resuscitation (C.P.R) **(2009).**

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|  | Publications: |

**Many national and international Publications in the field of Medical and Biochemistry research.**

1. [**Increased Expression of Neprilysin Is Associated with Inflammation in Preeclampsia**](https://www.researchgate.net/publication/376677529_Increased_Expression_of_Neprilysin_Is_Associated_with_Inflammation_in_Preeclampsia?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

2. [**Association of serum IL-30 and soluble GP130 with the risk of psoriasis vulgaris**](https://www.researchgate.net/publication/379815501_Association_of_serum_IL-30_and_soluble_GP130_with_the_risk_of_psoriasis_vulgaris?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

3. [**Isolation and Crystal Structure of The First Pr(IV) Coordination Polymer and The Complex Anti-proliferative Activity Evaluation against Seven Cancer Cell Lines**](https://www.researchgate.net/publication/358222811_Isolation_and_Crystal_Structure_of_The_First_PrIV_Coordination_Polymer_and_The_Complex_Anti-proliferative_Activity_Evaluation_against_Seven_Cancer_Cell_Lines?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

4. [**Association Between Type 2 Diabetes Mellitus and TCF7L2 And FTO Gene Variants Among Upper Egyptian Population**](https://www.researchgate.net/publication/359166382_Association_Between_Type_2_Diabetes_Mellitus_and_TCF7L2_And_FTO_Gene_Variants_Among_Upper_Egyptian_Population?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

5. [**Gephyrin and CYP2C9 Genetic Polymorphisms in Patients with Pharmacoresistant Epilepsy**](https://www.researchgate.net/publication/354269196_Gephyrin_and_CYP2C9_Genetic_Polymorphisms_in_Patients_with_Pharmacoresistant_Epilepsy?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

6. [**Amino Acids Profile and Vitamin D Measurement in Hypertension in Egyptian Population**](https://www.researchgate.net/publication/348206637_Amino_Acids_Profile_and_Vitamin_D_Measurement_in_Hypertension_in_Egyptian_Population?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)

7. [**Role of Plasma Amino Acids Profiles in Pathogenesis and Prediction of Severity in Patients with Drug-Resistant Epilepsy**](https://www.researchgate.net/publication/367926529_Role_of_Plasma_Amino_Acids_Profiles_in_Pathogenesis_and_Prediction_of_Severity_in_Patients_with_Drug_Resistant_Epilepsy?_sg%5B0%5D=5wwLqM3rh23bJ4MKmJNFhs2gSe72WuHkb_b6_fy8fVauZdm2-qHhcRzRmCOSpP9cUL0M_FBjhaURis2VsrN_HZ4C5dz09g6NH1NaEcUY.Al6mrrbKDcKJM6RQxxPZUCmimYkXw9dzlGtOCvTtJmmQz_90oifT1eIxQQgA6wwTRjg0q4KtcCpGYhQ9mryJqA&_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InByb2ZpbGUiLCJwYWdlIjoicHJvZmlsZSIsInByZXZpb3VzUGFnZSI6InByb2ZpbGUiLCJwb3NpdGlvbiI6InBhZ2VDb250ZW50In19)