

Curriculum Vitae

Dr. Saleh Matar



Academic Rank

Associate Professor

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Education

- PhD, Biochemical Engineering, Minia University, Egypt, (1996-2001).
- Master of Science, Chemical Engineering, Minia University, Egypt, (1991-1995).
- Bachelor of Science, Chemical Engineering, Minia University, Egypt, (1984-1989).

Academic Experience

- Jazan University, College of Engineering, Department of Chemical Engineering, KSA, *Associate Professor*, (2012 - Now), Full Time.
- Jazan University, College of Engineering, Department of Chemical Engineering, KSA, *Associate Professor, Department Chair*, (2014 - 2019), Full Time.
- Institute fur Bio-und Lebensmitteltechnik, Bereich II: Technische Biologie, Karlsruhe University, Germany, *Visiting Professor, DFG-fellowship Post-doctoral*, (2010), Full Time.
- Bioprocess Development Department, Genetic Engineering Researches and Biotechnology Institute, City for Scientific Researches and Technology Applications, Egypt, *Associate Professor, Department Chair and Manager of Central Lab*, (2009-2011), Full Time.
- Bioprocess Development Department, Genetic Engineering Researches and Biotechnology Institute, City for Scientific Researches and Technology Applications, Egypt, *Researcher*, (2001), Full Time.
- Institute of Biochemical Engineering, Stuttgart University, Germany, *Assistant Researcher, DAAD Channel System*, (1996-1999), Full Time.
- Food and Nutrition Science Department, National Research Center, Egypt, *Researcher Assistant*, (1991), Full Time.

Current Membership in Professional Organizations

- Member, Arab Society for Biotechnology, College of Agriculture, Alexandria University, Egypt.
- Member, Egyptian Engineers Syndicate, (1989-Now).

Honors and Awards

- Received a research award for ISI publications, Jazan University, KSA.
- Appreciation Letters from Department of Chemical Engineering, Jazan University, KSA.

Recent Publications and Presentations

1. "Application of Bio-Friendly Formulations of Chitinase-Producing *Streptomyces cellulosa*
2. Actino 48 for Controlling Peanut Soil-Borne Diseases Caused by *Sclerotium rolfsii*", Gaber Abo-Zaid, , Ahmed Abdelkhalek, **Saleh Matar**, Mai Darwish and Muhammad Abdel-Gayed, *Journal of Fungi*, (2021).
3. "Reducing the incidence of onion downy mildew disease using bio-formulation of *pseudomonas fluorescens*, limonene and acetyl salicylic acid", Ahmed Abd-Elbaky, Gaber Abo-Zaid, Hoda Mostafa, **Saleh Matar** and Muhammad Abdel-Gayed, *Plant Cell Biotechnology and Molecular Biology*, (2021).
4. "Maximization of Siderophores Production from Biocontrol Agents, *Pseudomonas aeruginosa* F2 and *Pseudomonas fluorescens* JY3 Using Batch and Exponential Fed-Batch Fermentation", Gaber Abo-Zaid, Nadia Soliman, Ahmed Abdullah, Ebaa El-Sharouny, **Saleh Matar** and Soraya Sabry, *Processes*, (2020).
5. "Induction of plant resistance against tobacco mosaic virus using the biocontrol agent

Curriculum Vitae

streptomyces cellulosa isolate actino 48", Gaber Abo-Zaid, **Saleh Matar** and Ahmed Abdelkhalek, *Agronomy*, (2020).

6. "Fermentation, formulation and evaluation of PGPR Bacillus subtilis isolate as a bioagent for reducing occurrence of peanut soil-borne diseases", Abdel-Gayed Ahmad, Abo-Zaid Attia, **Saleh Matar** and Hafez Elsayed, *Journal of Integrative Agriculture*, (2020).
7. "ZrO₂/TiO₂ nanofiber catalyst for effective liquefaction of agricultural wastes in subcritical methanol", Nasser Barakat, Ayman Yousef, **Saleh Matar**, Mohamed Awad and Ahmed Yasin, *Separation Science and Technology*, (2018).

Research accounts

- **Google Scholar:** <https://scholar.google.com/citations?user=27hFus4AAAAJ&hl=en>
- **Research Gate:** <https://www.researchgate.net/profile/Saleh-Matar-2>
- **Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=29767621400>

Service Activities

- Associate Editor, International Journal of Biotechnology & Biochemistry (IJBB).
- Reviewer, Inderscience Publisher, International Journal of Biotechnology (IJBT).
- Reviewer, Inderscience Publisher, International Journal of Biotechnology (IJBT).
- Reviewer, Student`s Conference, King Abdulaziz University, KSA, (2015).

Recent Development Activities

1. Workshop on Exam Template Specifications and Design, (1.5 Hr), Monday 23th February (2020).
2. Workshop on Program Learning Outcomes Assessment, Challenge, and Achievement, (3 Hr), Monday 27th January (2020).
3. Seminar on Preparing Self-Study Report, (3 Hr), Tuesday 21st December (2019).
4. Workshop on Surveys Analysis, (3 Hr), Tuesday 5th December (2019).
5. Workshop on the Pre Rubric KPIs, (2 Hr), Monday 2nd December (2019).
6. Workshop on Graduation Projects & Summer Training KPIs, (2.5 Hr), Thursday 26th November (2019).
7. Seminar on Rubrics Assessments, (3 Hr), Monday 27th October (2019).
8. Workshop on ABET Accreditation Standards, (2 Hr), Monday 7th October (2019).
9. Seminar on ABET Accreditation Requirements, (2 Hr), Monday 2nd September (2019).