

Europass Curriculum Vitae

Personal Information

First Name / Surname: Jaber Amin

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FAO Profile: fao.org/fsnforum/member/jaber-amin

Professional Summary

Motivated agricultural scientist specializing in plant protection, entomology, and phytopathology, currently a Ph.D. candidate in Animal Sciences (Bee Genetics and Plant Protection) at Çukurova University. Strong track record in laboratory and field research, with expertise in integrated pest management and sustainable agriculture, as well as genetic and ecological research on pollinators.

Work Experience

Research Fellow, Honey Bee Research & Application Center 2019–2025

Adana, Turkey

- Genetic analysis of *Apis mellifera* populations.
- Participation in environmental monitoring and bioinformatics projects.

Research Fellow, Department of Animal Science and Genetics 2021–2025

Çukurova University, Turkey

- Supported research on honeybee genetics and pest resistance.
- Laboratory diagnostics and molecular studies.

Teaching Assistant 2017–2028

University of Zalingei, Faculty of Agriculture, Crop Protection, Sudan

Teaching Assistant 2015–2016

Omdurman Islamic University, Faculty of Agriculture, Crop Protection, Sudan

- Assisted in entomology, plant pathology, and crop protection courses, supervised laboratory work.

English Teacher 2023–2023 for 7 years. In Sudan and Turkey

American VIP & El-Emam Al-Gazaly Basic School, Sudan

Education and Training

Ph.D. Candidate, Animal Science and Husbandry Department 2019–Present

Çukurova University, Adana, Turkey

Focus: Bee products, genetic analysis, plant protection, applied research technologies.

M.Sc. in Plant Pathology 2013–2015

Sudan University of Science and Technology

Thesis: Biological and chemical control of *Fusarium solani* in potatoes.

B.Sc. in Plant Protection 2005–2010

Sudan University of Science and Technology

Specialization: Entomology, plant pathology, virology, pest management, beekeeping.

Publications

- *Apis mellifera* Mitochondrial DNA (mtDNA): A Review Paper. BioScience Journal, 2024.
- Use of Artificial Intelligence in the Classification of *Apis mellifera*, 2023.
- Benefits of Royal Jelly, in Health Benefits of Honey and Propolis (2023).
- Importance of Honeybees: A Review Paper, 2024.

Conferences and Certificates

- Agroscope, Bern, Switzerland (2025).
- YTP 2024, Gaziantep, Türkiye (2024).
- ICABGEH, Krakow, Poland (2023).
- Balkan Agriculture Congress, Edirne, Turkey (2023).
- FAO Science and Innovation Forum, Rome (2023).

Webinars

- Olink Proteomics World 2025, OCT 8, 2025.
- Mass Photometry vs. Macro Mass Photometry: Advancing Data-Driven Decisions in Drug Development, OCT 7, 2025.
- Mastering Cell Counting: From Fundamentals to Advanced Techniques for Improved Accuracy, OCT 8, 2025.
- The Simple Way to Protein Research, NOV 4, 2025.

Books

- Book: *Apis mellifera* mtDNA: Mitochondrial DNA Diversity, Evolution, and Applications in Honey Bee Conservation, Generis Publishing, ISBN: 979-8-89966-248-5.
- Book: *Reforming the Sudanese Agricultural Sector – Strategic Visions and International Experiences*.

Certifications, Courses, and Training

- Computer Diploma.
- English Language Diploma.
- Turkish Language Diploma (Ankara University, 2019–2020).
- Entrepreneurship Camp – University of Negeri Malang, Indonesia (2019–2021).
- Certificate of Most Participative Student – UM Camp (2021).
- International Short Course – UM Entrepreneurship Camp (2021).
- YIC Leadership and Entrepreneurship Summit (2021).
- Certificate in Evaluating Animal Breeding Programs – Wageningen University & Research.
- Entrepreneurship Camp, University of Negeri Malang, Indonesia.
- Data Entry Tools and Techniques, alison.com/certification/check/78c4a2c625, 14th October, 2025.
- Basics of Molecular Genetics, alison.com/certification/check/de68e720e1, 12th October, 2025.
- Certified Pollinator Steward by Pollinator Partnership, 2025.
- Basic of Statistical Inference and Modeling Using R, 2025.

Skills

- **Field Research:** Pest and disease monitoring, crop variety trials, integrated pest management.
- **Laboratory:** PCR, RFLP, enzyme assays, pathogen identification.
- **Crop Management:** Irrigation, weed control, disease surveillance.
- **Software:** MS Office Suite, SPSS, genetic analysis and bioinformatics tools.
- **Languages:** African Fur (Native), Arabic (Native), English (Proficient), Turkish (Proficient), German (Basic).
- **Driving licence:** B

Language Skills

Language	Understanding	Speaking	Writing
Fur	Native	Native	Native
Arabic	Native	Native	Native
English	Proficient	Proficient	Proficient
Turkish	Proficient	Proficient	Proficient
German	Basic	Basic	Basic

References

Prof. Dr. B. Devrim Özcan, Çukurova University bdozcan@gmail.com
Prof. Dr. Uğur Serbester, Çukurova University ugurserbester@gmail.com

