

PERSONAL INFORMATION

Ibrahim Eid Elesawi



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🌐 <https://www.researchgate.net/profile/Ibrahim-Elesawi>

Sex Male | Date of birth 28/11/1989 | Nationality Egyptian

JOB APPLIED FOR POSITION PREFERRED JOB STUDIES APPLIED FOR

I am a lecturer at Biochemistry Department, Faculty of agriculture, Zagazig University, Egypt. I obtained a PhD degree at college of life sciences and technology, Huazhong Agricultural University, Wuhan, Hubei, China. I am seeking for postdoctoral position in the field of biochemistry and cytogenetics.

WORK EXPERIENCE

2022 till present

Lecturer at Biochemistry Department, Faculty of agriculture, Zagazig University, Egypt.

2015 to 2021

Assistant lecturer at Biochemistry Department, Faculty of agriculture, Zagazig University, Egypt. Also, I was a PhD student at Huazhong Agricultural University, Wuhan, Hubei, China

2011 to 2015

Teaching assistant at Biochemistry Department, Faculty of agriculture, Zagazig University, Egypt.

EDUCATION AND TRAINING

2016 to 2021

Ph.D. in Biochemistry and Molecular Biology, Huazhong Agricultural University, Wuhan, Hubei, China, entitled ***"The role of the DNA topoisomerase I alpha in regulating anther development and meiosis in Arabidopsis"***

2012 to 2015

M.Sc. in Agricultural Biochemistry, Faculty of agriculture, Zagazig University, Egypt, entitled ***"Biochemical and molecular characterization of some wheat varieties grown in Egypt"***

2007 to 2011

Bachelor of Biochemistry, Agriculture Biochemistry Department, Faculty of agriculture, Excellent with the Honours Degree (94.2 %) May 2011. (1 rd. Honour Class of the college).

MOTHER TONGUE

Arabic

OTHER

English (Very good) and Chinese (beginner)

LANGUAGE(S)

COMMUNICATION
SKILLS

Trained on newly advanced techniques in the field of Biochemistry, Cytogenetics, and Plant development. Moreover, I have experience in teaching some courses related to Biochemistry to an undergraduate students and post-graduate student

ORGANISATIONAL/
MANAGERIAL
SKILLS

- Ability to work in a team, flexible approach to advance the work of the research team.

JOB-RELATED
SKILLS

Paraffin Histology and Histochemistry; Scanning electron microscopy (SEM); Transmission electron microscopes (TEM); Fluorescent microscopy; Confocal microscopy; DIC microscopy; Histochemical localization of GUS activity; Fluorescence in situ hybridization (FISH); Immunolocalization; Transcriptome analysis; Gene expression by Rt-qPCR; Western blot; microtome; ChIP sequencing; ChIP-qPCR.

COMPUTER SKILLS

- Static analysis by SPSS, CoStat, Sigmaplot, Prismgraph and origin.
- Probit analysis software.
- The reference management software (Endnote)
- International Computer Driving License (ICDL) involved:
- Managing Files (Windows), Word Processing (Word), Spread Sheets (Excel), DataBase (Access), Presentations (PowerPoint), Information Communication (Internet), Data Analysis Programs (SPSS)

TRAINING COURSES

1. Course of computer for 3 months (Administration of training demonstrators).
2. Course in "*Scientific international publishing*" (Faculty and leadership development center {FLDC} - Zagazig University).
3. Course in "*Conference organization*" (Faculty and leadership development center {FLDC} - Zagazig University).
4. Course in "*Research team administration*" (Faculty and leadership development center {FLDC} - Zagazig University).
5. Course in "*Scientific Research Ethics*" (Faculty and leadership development center {FLDC} – Zagazig University).
6. Course in "*Effective Communication Skills*" (Faculty and leadership development project {FLDP} - Zagazig University).
7. Course in "*Effective Presentation Skills*" (Faculty and leadership development project {FLDP} - Zagazig University).
8. Course in "*Using Technology in Education*" (Faculty and leadership development project {FLDP} – Zagazig University).
9. Course in "*University Staff Members Code of Ethics*" (Faculty and leadership development project {FLDP} – Zagazig University).
10. Course in "*Scientific Research Methods*" (Faculty and leadership development project {FLDP} – Zagazig University).
11. Course in "*Quality Standards in Teaching*" (Faculty and leadership development project {FLDP} - Zagazig University).

PUBLICATIONS

- 1- Ma, Xiaosong, Fangjun Feng, Yu Zhang, Ibrahim Eid Elesawi, Kai Xu, Tianfei Li, Hanwei Mei et al. "A novel rice grain size gene OsSNB was identified by genome-wide association study in natural population." PLoS genetics 15, no. 5 (2019): e1008191. **(Co-author)**.
- 2- Lei, Xiaoning, Yingjie Ning, Ibrahim Eid Elesawi, Ke Yang, Chunli Chen, Chong Wang, and Bing Liu. "Heat stress interferes with chromosome segregation and cytokinesis during male meiosis in Arabidopsis thaliana." Plant Signaling & Behavior 15, no. 5 (2020): 1746985. **(Co-first**

author).

- 3- Ning, Y., Liu, Q., Wang, C., Qin, E., Wu, Z., Wang, M., Yang, K., Elesawi, I.E., Chen, C., Liu, H. and Qin, R., 2021. Heat stress interferes with formation of double-strand breaks and homolog synapsis. *Plant Physiology*, 185(4), pp.1783-1797. **(Co-author).**
- 4- Hashem, Ahmed M., Simon Moore, Shangjian Chen, Chenchu Hu, Qing Zhao, Ibrahim Eid Elesawi, Yanni Feng et al. "Putrescine depletion affects arabidopsis root meristem size by modulating auxin and cytokinin signaling and ros accumulation." *International journal of molecular sciences* 22, no. 8 (2021): 4094. **(Co-author).**
- 5- Fu, Huiqi, Jiayi Zhao, Ziming Ren, Ke Yang, Chong Wang, Xiaohong Zhang, Ibrahim Eid Elesawi et al. "Interfered chromosome pairing at high temperature promotes meiotic instability in autotetraploid Arabidopsis." *Plant physiology* 188, no. 2 (2022): 1210-1228. **(Co-author).**
- 6- Gemal, Mohamed M., Ibrahim Eid Elesawi, Muthana M. Jghef, Badr Alharthi, Woroud A. Alsanei, Chunli Chen, Sayed M. El-Hefnawi, and Mohamed M. Gad. "Influence of Wax and Silver Nanoparticles on Preservation Quality of Murcott Mandarin Fruit during Cold Storage and after Shelf-Life." *Coatings* 13, no. 1 (2023): 90. **(Co-first author and Corresponding author)**
- 7- Fikry, Ahmed M., Khadija S. Radhi, Mohammed AS Abourehab, Talaat AM Abou Sayed-Ahmed, Mohamed M. Ibrahim, Farid S. Mohsen, Nour A. Abdou, Ahmad A. Omar, Ibrahim Eid Elesawi, and Mohamed T. El-Saadony. "Effect of Inorganic and Organic Nitrogen Sources and Biofertilizer on Murcott Mandarin Fruit Quality." *Life* 12, no. 12 (2022): 2120. **(Co-author).**
- 8- Sanad, S. M., Farouk, R., Nassar, S. E., Alshahrani, M. Y., Suliman, M., Ahmed, A. E., & Elesawi, I. E. (2023). The neuroprotective effect of quercetin nanoparticles in the therapy of neuronal damage stimulated by acrolein. *Saudi Journal of Biological Sciences*, 30(11), 103792. **(Corresponding author).**
- 9- Gemal, M. M., Elesawi, I. E., Jghef, M. M., Alharthi, B., Alsanei, W. A., Chen, C., ... & Gad, M. M. (2023). Influence of Wax and Silver Nanoparticles on Preservation Quality of Murcott Mandarin Fruit during Cold Storage and after Shelf-Life. *Coatings*, 13(1), 90. **(Corresponding author).**

- 10- Al Zahrani, N. A., Gad, M. M., Fikry, A. M., Ahmed, A. E., El-Tarabily, K. A., Elakkad, H. A., & Elesawi, I. E. (2024). Efficacy of chitosan nanoparticles and wax coatings on maintaining post-harvest quality of “Murcott” mandarins. *Saudi Journal of Biological Sciences*, 31(2), 103894. **(Corresponding author).**
- 11- Nishawy, E., Cao, Y., Ewas, M., Amar, M. H., & Elesawi, I. E. (2024). Omics-based plant traits improvements under destructive stresses. *Frontiers in Plant Science*, 15. **(Co-author).**