

نموذج السيرة الذاتية لعضو هيئة تدريس

البيانات الشخصية	
	الإسم: أسماء سيد عبد الجليل محمود
	الإيميل: asmaa.elgafari@sci.svu.edu.eg
	موبيل: +٢٠ ١٠٠ ٢٩٧٣٩٠٧
البيانات الأكاديمية	
الدرجة العلمية:	الدكتوراه
الوظيفة الحالية	مدرس
التخصص:	النبات
التخصص الدقيق:	الميكروبيولوجي
الاهتمامات البحثية	بكتريولوجي

- ١- **The Brehm Coalition for Type ١ Diabetes Research and Research Innovation Award, Institute of Food and Agricultural Sciences - University of Florida (IFAS-UFL). USA.**
- ٢- **The project PELARGODONT (“Engineering and functionalization of delivery system with *Pelargonium sidoides* biologically active substance on inflamed periodontal surface area”) funded by a grant (No. S-M-ERA.NET-١٧-٢) from the Research Council of Lithuania, the State Education Development Agency of Latvia, and Italian Ministry of Education, University and Research.**

المشروعات البحثية

١. **Scientific Grant from The Egyptian Ministry Of Higher Education & Scientific Research University of Florida, Microbiology & Cell Science Department, Genetics Institute, Gainesville, Florida (United States). ٢٠٠٩.**
٢. **Università degli Studi del Piemonte Orientale “Amedeo Avogadro”, Novara (Italy) CO-TUTORING AGREEMENT FOR A DOCTORAL THESIS BETWEEN UNIVERSITÀ DEL PIEMONTE ORIENTALE «AMEDEO AVOGADRO»(ITALY) AND SOUTH VALLEY UNIVERSITY (EGYPT). ٢٠١٦ – ٢٠٢٠.**
٣. **Scientific Grant from The Egyptian Ministry Of Higher Education & Scientific Research International Center for Materials Nanoarchitectonics (WPI-MANA), National Institute for Materials Science (NIMS), Tsukuba (Japan). International Center for Materials Nanoarchitectonics (WPI-MANA), National Institute for Materials Science is one of the top institutes in the world. The National Institute for Materials Science takes the lead in the world both theoretically and technologically. International Center for Materials Nanoarchitectonics (WPI-MANA) provided an excellent research environment for my research.**
٤. **جائزة جامعة جنوب الوادي للنشر العلمي أعوام ٢٠١٤-٢٠١٨-٢٠١٩-٢٠٢٠**

الأبحاث المنشورة حديثاً (يفضل إضافة الأبحاث المنشورة حديثاً بعد أقصى ١٠ أبحاث)

- ١) McRae S^١, Pagliai FA, Mohapatra NP, Gener A, **Mahmou AS**, Gunn JS, Lorca GL, Gonzalez CF. Inhibition of AcpA phosphatase activity with ascorbate attenuates *Francisella tularensis* intramacrophage survival. J Biol Chem. ٢٠١٠ Feb ١٩;٢٨٥(٨):٥١٧١-٧.
- ٢) Ricardo Valladares, Dhyana Sankar, Nan Li, Emily Williams, Kin-Kwan Lai, **Asmaa Sayed Abdelgeliel**, Claudio F. Gonzalez, Clive H. Wasserfall, Joseph Larkin III, Desmond Schatz, Mark A. Atkinson, Eric W. Triplett, Josef Neu, Graciela L. Lorca. *Lactobacillus johnsonii* N٦,٢ Mitigates the Development of Type ١ Diabetes in BB-DP Rats. PLoS ONE. May ٢٠١٠ | Volume ٥ | Issue ٥.
- ٣) Cochis A, Ferraris S, Sorrentino R, Azzimonti B, Novara C, Geobaldo F, Truffa G, Varesano A, Vineis C, **Sayed Abdelgeiel A**, Spriano, S and Rimondini L, Silver-doped keratin nanofibers preserve a titanium surface from biofilm contamination and favor soft-tissue healing. Material Chemistry B, Volume ٥, October ٢٠١٧, Pages ٨٣٦٦-٨٣٧٧. DOI:١٠.١٠٣٩/CVTB٠١٩٦٥C.
- ٤) Hani Saber, Eman A.Alwaleed, K.A. Ebnalwaled, **Asmaa Sayed**, Wesam Salem. Efficacy of silver nanoparticles mediated by *Jania rubens* and *Sargassum dentifolium* macroalgae; Characterization and biomedical applications. Egyptian Journal of Basic and Applied Sciences, Volume ٤, Issue ٤, December ٢٠١٧, Pages ٢٤٩-٢٥٥.
- ٥) Nijole Savickiene, Aiste Jekabsone, Lina Raudone, **Asmaa S. Abdelgeliel**, Andrea Cochis, Lia Rimondini, Elina Makarova, Solveiga Grinberga, Osvalds Pugovics, Maija Dambrova, Ingrida M. Pacauskiene, Nomeda Basevičienė and Pranas Viškelis, Efficacy of Proanthocyanidins from *Pelargonium sidoides* Root Extract in Reducing *P. gingivalis* Viability While Preserving Oral Commensal *S. Salivarius*, Materials, Volume ١١(٩), August ٢٠١٨, Pages: ١٤٩٩; doi:١٠.٣٣٩٠/ma١١٠٩١٤٩٩.
- ٦) **Asmaa Sayed Abdelgeliel**, Sara Ferraris, Andrea Cochis, Sara Vitalini, Marcello Iriti, Hiba Mohammed, Ajay Kumar, Martina Cazzola, Wesam M. Salem, Enrica Verné, Silvia Spriano and Lia Rimondini, Surface Functionalization of Bioactive Glasses with Polyphenols from *Padina pavonica* Algae and In Situ Reduction of Silver Ions: Physico-Chemical Characterization and Biological Response, Coatings ٢٠١٩, ٩, ٣٩٤; doi:١٠.٣٣٩٠/coatings٩٠٦٠٣٩٤.
Hiba Mohammed, **Asmaa Sayed Abdelgeliel**, Andrea Cochis, Wael. F. Sayed, Lia Rimondini, Bioactivity of Red Sea Algae for Industrial Application and Biomedical Engineering, Chapter in book on “Biomimetics: Marine Structures for Tissue Engineering”, July ٢٠١٩, DOI: ١٠.١٠٠٧/٩٧٨-٩٨١-١٣-٨٨٥٥-٢_٢٠, Springer Series in Biomaterials Science and Engineering book series (SSBSE, volume ١٤)