

Prof. Youssuf Ahmed Gherbawy



Name: Youssuf A.M.H. Gherbawy

Date of Birth: 28 - 9 - 1963

Place of Birth: El - Rozykat, Armant, Luxor, Egypt.

Citizenship: Egyptian

Marital status: Married, the date of marriage is August 8, 1995. I have three children.

Permanent position: Prof. of Molecular Microbiology, Botany Dept., Faculty of Science,
South Valley University, Qena, Egypt.

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H. Index: 19 (Scopus) 26 (Google Scholar)

Web pages:

<https://independent.academia.edu/YoussufGherbawy>

https://www.researchgate.net/profile/Youssuf_Gherbawy/?ev=hdr_xprf

<https://www.scopus.com/authid/detail.uri?authorId=6603138876>

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[Prof. Youssuf Gherbawy - Google Scholar](#)

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Academic positions:

- 1- Chairman of Botany Dept., Faculty of Science, South Valley University August 18, 2005.
- 2- Scientific advisor to the rector of Taif University (2007- 2015).
- 3- Vice Dean of Faculty of Science for Community Service and Environmental Affairs Sept. 3, 2015.
- 4- Vice Dean Faculty of Science for Students Affairs August 24, 2016
- 5- Vice Dean Faculty of Science for Post Graduate Studies Sept. 29, 2016
- 6- Dean of Faculty of Science October 5, 2016.
- 7- Vice president of South Valley University for Community Service and Environmental Affairs August 26, 2017.
- 8- President of South Valley University from August ,9, 2019-July 31, 2023.
- 9- Acting President of National South Valley University from August 1,2022 till July,31, 2023.

Current Position:

Professor of Microbiology, Botany and Microbiology Dept., Faculty of Science, South Valley University

University Education:

- ★ **B.Sc. (Botany) 1985 from Botany Dept., Faculty of Science at Qena, Assiut University.**
- ★ **M.Sc. (Mycology) 1990 from Botany Dept., Faculty of Science at Qena, Assiut University. The title was (Studies on the mycoflora of foodstuffs and pens of cattle and chicken in Upper Egypt.).**
- ★ **Ph.D. (Mycology) June,14, 1994 from Botany Dept., Faculty of Science at Qena, Assiut University. The title was (Studies on the mycoflora of sugarcane fields in Upper Egypt.).**
- ★ **Assistant Prof. (Mycology) May 29, 2000.**
- ★ **Professor of Microbiology June 6, 2005.**

Employment history:

- **A demonstrator at Botany Dept. Faculty of Science, Assiut University from 1987 till 1990**
- **Assistant Lecturer at Botany Dept. Faculty of Science, Assiut University from 1990 till 1994.**
- **Lecturer at Botany Dept. Faculty of Science, Assiut University 1994 till 2000.**
- **Assistant Prof. at Botany Dept. Faculty of Science, South Valley University from 2000 till 2004.**
- **Professor of Molecular Microbiology in Botany Dept. Faculty of Science, South Valley University from 2005.**
- **Professor of Molecular Microbiology at Biological Sciences Dept. Faculty of Science, Taif University. Saudi Arabia, from August 18, 2005 – 31-8-2015.**
- **Professor of Microbiology at Botany Dept. Faculty of Science, South Valley University from 1-9-2015 till now.**

Major Research:

- 1- Identification of fungi according to their morphological features.
- 2- Using PCR-based techniques for identification of some pathogenic fungi and their phylogeny.
- 3- Using different species of fungi as biological control agents for other pathogenic fungi.
- 4- Study the effect of some biological agent on the production of some enzymes by different pathogenic fungi.
- 5- Molecular markers for mycotoxins detection.
- 6- Early diagnosis of plant and animal pathogens.
- 7- Endophytic fungi and their activities.
- 8- Biosynthesis of Nanoparticles using fungi.

Teaching Duties:

- 1- Plant Kingdom
- 2- General Botany
- 3- Mycology
- 4- Plant Pathology
- 5- Food Microbiology
- 6- Mycotoxins
- 7- Industrial Microbiology
- 8- Plant-Microbes interactions

Research skills:

- 1- Fungal identification according to classical methods
- 2- DNA extraction, plasmid DNA mini preps, PCR, fingerprinting, Southern Blots.
- 3- RNA extraction and purification, Northern Blots, RT-PCR, in vitro transcription
- 4- SDS PAGE, protein activity assay, bacterial expression, Western Blots
- 5- Molecular markers: RFLP (Restriction fragment length polymorphism), AFLP (Amplified fragment length polymorphism), RAPD (Randomly Amplified Polymorphic DNA) and DGGE.

Scholarships and fellowships:

- 1- Postdoctoral fellowship from Austrian Academic Exchange Service (OAED) from October 3, 1997, till June 20, 1998.

- 2- Postdoctoral fellowship from Institute of Applied Microbiology (Agricultural Sciences University, Vienna, Austria) from Feb. 1, 1999, till November 28, 2000.
- 3- Postdoctoral research grant from DAAD in the Institute of Microbiology, Hannover University, Germany from August 1, 2002, till October 31, 2002.
- 4- Studying visit for Rothamsted Research, Harpenden, UK, from Feb. 1, 2004, till April 30, 2004, Financed by The Royal Society.
- 5- Fulbright Research grant 2005-2006 at Arizona University.
- 6- Postdoctoral research grant from DAAD in the Institute of Microbiology, Jena University, Germany from August 1, 2008, till Sept. 30, 2008.
- 7- Short term scholarship from DAAD in the institute of botany, Hohenheim University, Germany, July 1, 2013, to August 30, 2013.
- 8- One Month research visit to the institute of Botany, Hohenheim University, Germany, Feb. 2016.

Conferences and scientific meetings:

- 1- The German Society for Phytomedicine of Plant Pathologies. Berlin, March 3, 1998.1
- 2- Sixth Egyptian Botanical Society Conference. Cairo University, Nov. 24-26, 1998.
- 3- The German Society for Mycology. Tübingen, June 3-6, 1999.
- 4- The Austrian Society for Mycology. Vienna, Nov. 11- 12, 1999.
- 5- The second international conference on date palms. United Arab Emirates, March 25-27, 2001.
- 6- Member of the Organizing Committee of the Eighth International Congress of Freshwater Fungi. Hurghada in July 7-12, 2001.
- 7- The first international conference for the Egyptian British biological society. Ismailia July 29-30, 2001.
- 8- The First International Conference for Environmental Studies. South Valley University, Qena, Egypt April 7-9, 2005.
- 9- The National Conference on Environment between Protection and Pollution. Qassim University, Qassim , Saudi Arabia. March 18-20, 2007.
- 10- Arabian Oraxy conference, Organized by Saudi biological Society, Riyadh, April 21-23, 2007.

- 11- NordForsk Network Meeting. Alghero, Italy, Sep. 2, 2008.
- 12- Wissenschaftliche Tagung der Deutschsprachigen. Mykologischen Gesellschaft e. V. Friedrich-Schiller University, Jena, Sep. 4-6, 2008.
- 13- The 24th meeting of the Saudi Biological Society titled (Biotechnology reality and applications) in Madinah Munawaroh, April 7-9, 2009.
- 14- The 25th meeting of Saudi Biological Society titled (Nanotechnology in life sciences). King Faisal University, AlHassa, May 11-13, 2010.
- 15- The 26th meeting of Saudi Biological Society titled (Climatic Changes). Taif University, May 10-12, 2011.
- 16- The International Conference on Materials Science and its Applications, 13-15 Feb. 2012 in Taif University, Saudi Arabia, Feb. 13-15, 2012.
- 17- The 27th Meeting of Saudi Biological Society, Economics of Environment and Natural Resources. Jazan University 13-15 Rabia Althani, 1433 H (6-8 March, 2012).
- 18- The 28th Meeting of Saudi Biological Society, Ecotourism and sustainable development. Hail University April 9-11, 2013.
- 19- Chairman of the second conference of young researchers in Egyptian universities. South Valley University, Qena, Egypt. Nov. 3-5, 2015.
- 20- The Third International Conference on Nanotechnology and its Applications. Hurghada, Egypt. Feb. 22-25, 2016.
- 21- Member of the Organizing Committee of the Third International Conference for Environmental Studies. Hurghada, Egypt. August 16-18, 2016.
- 22- General Secretary of the third conference of young researchers in Egyptian Universities. South Valley University, Qena, Egypt. Nov. 1-3, 2016.
- 23- Chairman of one sessions of the Seventh International Conference of Egyptian Botanical Society organized by the Department of Botany, Faculty of Science, Tanta University, Tanta, Egypt April 19 – 20, 2017.
- 24- Secretary General of the International Conference of Nanotechnology for Better Life, which was organized by South Valley University. Oct. 3-5, 2017.
- 25- Chairman of the second international conference on Mycology in MENA (ICM-2018). Oct. 16-18, 2018, University of Suez Canal, Ismailia.
- 26- XXVIII Congress of the Italian Phytopathological Society (SIPaV). University of Naples Federico II, Naples, Italy 18-20 September 2023.

Other University Activities:

- 2- Chairman of Botany Department, Faculty of Science, South Valley University, January-October 2005.**
- 3- Founder of Molecular Mycology Laboratory, Botany Department, Faculty of Science, Qena.**
- 4- Director of Science Club, South Valley University (2000 - 2005).**
- 5- Head of the reception and visits committee at the Arts Forum for Universities held annually at South Valley University until 2005.**
- 6- Head of the trips committee at the Students Union of the Faculty of Science, South Valley University (2003 - 2004).**
- 7- Member of library committee, Faculty of Science, South Valley University (2001 - 2002).**
- 8- Member of the Environment Committee, Faculty of Science, South Valley University (2004 - 2005).**
- 10- The leader of the Arts Committee in the Students Union of the Faculty of Science, South Valley University (2004 – 2005).**
- 11- Group Leader of molecular and applied microbiology group at the University of Taif (2007- 2015).**
- 12- Member of Taif University Web Page Development Committee (2006-2010).**
- 13- Representatives of the Faculty of Science, South Valley University in Basic Science Sector Committee, Supreme Council of Universities from 25 November 2015 till August 2017.**
- 14- Member of the Technical Secretariat of the Advisory Committee for Occupational Safety and Health in Qena Governorate, March 2016.**
- 15- Participant in the events of the environmental week in the University South Valley, March 12-17, 2016.**
- 16- Member of the committee to follow up the implementation of the executive procedures for the operation of electronic services for the advancement of University Student Housing in 2016.**
- 17- The founder of the Applied and Environmental Microbiology Center (AEMC) , South Valley University 2022.**
- 18- The Founder of Plant Clinic Center one of the outputs of capacity building project from Erasmus Plus.**

Participation in quality & accreditation activities:

- 1- **Coordinator of Botany Department in Education Development Programs, Faculty of Science, South Valley University.**
- 2- **Attend a course (The University and the community) from 12 to 13 October 2004 at faculty and leadership development centre South Valley University (FLDC).**
- 3- **Attend a course (Time Management and Work Stress) from 9 to 11 April 2005 at faculty and leadership development centre South Valley University (FLDC).**
- 4- **Trainer in the university development program on curriculum design in the South Valley University since June 2004.**
- 5- **Attended the e-learning workshop (Teaching Skills and Network Education) presented by King Fahd University of Petroleum and Minerals, May 5-6, 2009.**
- 6- **Chairman of the Quality Assurance Board Unit, Faculty of Science, Qena, from October 2, 2015, until August 23, 2017.**
- 7- **Attendance of a workshop (Criteria for the accreditation of faculties and institutes of higher education, third issue, July 2015). Conrad Hotel, Cairo, April 16, 2016.**
- 8- **Attendance of the Third International Conference (Quality Assurance Education: Education for the Present and Future) Quality of Education. Organized by the National Authority for Quality Assurance of Education and Accreditation. Conrad Hotel, Cairo, April 17-18, 2016.**
- 9- **Attending the evaluation session of laboratory accreditation projects at the Unit of Management of Higher Education Development Projects in Cairo, June 2, 2016.**
- 10- **Director of the project of accreditation of the electronics and nanometric equipment code LP10-067-SOU supported by the unit of management of projects to develop higher education for one and a half million pounds.**
- 11- **Director of the project of accreditation of the laboratory of crystals and nanomaterials code LP10-068-SOU supported by the unit of management of projects to develop higher education for one and a half million pounds.**
- 12- **Attended a workshop organized by the National Commission for Quality Assurance of Education and accreditation (External Review for H.E. Institutes). Nov. 9-11, 2017.**
- 13- **Attended a workshop organized by the National Commission for Quality Assurance of Education and accreditation (strategic planning for H.E. Institutes). Dec. 13-14, 2017.**

14- Attend a workshop organized by the National Commission for Quality Assurance of Education and accreditation of (Education programs and courses specifications and evaluation of learning outcomes for H.E. Institutes). Jan. 4-6, 2018.

15- Organizing E-exams workshop. Faculty of Science, South Valley University, Nov. 29, 2018.

Workshops and training in Egypt:

1- The educational course for the assistants and the assistant lecturers in the Egyptian Universities at the Institute of Leadership Development in Helwan, Oct. 17-22, 2003.

2-Attending a workshop entitled "Leadership Needs Analysis 1" organized by the University of Banha in conjunction with the British Cultural Centre in Helwan University, May 23, 2016.

3- Workshop on how to write scientific research presented by DAAD at South Valley University, March 20, 2016.

4-Coordinator of a workshop on the Newton - Mosharafa Program, which was presented by the British Council at South Valley University, May 11, 2016.

5- Attend a workshop on the plagiarism and dual use of results at the University of South Valley, May 21, 2016.

6- Coordinator of a workshop presented by the British Council through the Newton - Mosharafa Program, on the inter linkage of researchers, Oct. 11-13, 2016.

7- Participate in a workshop presented by the British Council through the Newton - Mosharafa Program, on the interrelationship of researchers entitled "Global Education" October 16-18, 2016. Attend a workshop on grants from the European Union through the Erasmus Plus program at South Valley University, Dec. 18, 2016.

9- Consultative Meeting of the Small Grants Program (Global Environment Facility), Luxor, July 11, 2018.

10- Workshop "activating the role of anti-violence units within the Egyptian universities" as part of "Supporting the implementation of the strategy of combating violence against women 2015-2020". Hurghada, Sep. 18-19, 2018.

11- The training program for university presidents, members of the Supreme Council of Universities at the National Training Academy, from 11-15 March 2021.

12- scientific writing form data collection to publishing course (18 C.H) from 14 to 16 December 2019. South Valley University.

13- Project workshop entitled (Enhancing Universities Contribution to Lead Climate Change through, Research, Teaching and Community Engagement) July 31, 2022. South Valley University.

Work Shops and Training abroad:

- 1- Workshop titled with (writing English for scientific publications) at the University of Agriculture in Vienna in 1999.**
- 2- The e-learning workshop (teaching skills and network education) presented by King Fahd University of Petroleum and Minerals, May 5-6, 2009.**
- 3- X International *Fusarium* workshop and Fusarium Genomics workshop, Alghero, Italy, August 30- September 2, 2008.**
- 4- A workshop on Zygomycetes biodiversity, Utrecht, The Netherlands, March 3-5, 2011.**
- 5- Workshop at the Center of Research Excellence in High Altitude areas medicine and its research in Taif University, Saudi Arabia on Climate Change and the Human Body, Feb. 28, 2013.**
- 6- Training course on detection of wheat contamination with fungal toxins in the John Anis Center in Norwich Britain, March 22 to April 5, 2004.**
- 7- Training course on the detection of the presence of tigers and Arabian birds in the environment and the Wildlife Protection Center in Taif, Saudi Arabia, May 21, 2014.**
- 8- Workshop on Excellence in Teaching Nanoscience in the Middle East, funded by the European Union, May 6-9, 2017, at the University of Sousse, Tunisia.**
- 9- Workshop for the National Observatory in Athens, Greece, on climate change and how to manage it, Nov. 18-23, 2018.**
- 10- Participation in the expert training program for the activities of the Innovation Project in the leather industry in Egypt and Jordan (Italian Center for Permanent Learning, Milan, Italy), 2-5 October 2019.**
- 10- Erasmus mobility for staff exchanges in Banat University, Timisoara, Romania, 29 October – November 2, 2021.**
- 11- Training of the Erasmus program for scientific and cultural exchange with European universities, in Banat University, Timisoara, Romania, 24-27 July 2021.**
- 12- Erasmus mobility for staff exchanges in Banat University, Timisoara, Romania, 29 October – November 2, 2021**
- 12- Erasmus mobility for staff exchanges in Banat University, Timisoara, Romania, 27-30 September and 22-26 November 2021**

- 13- Workshop to study the best theoretical and practical studies of the botanical clinic project at the University of Debrecen in Hungary in the period from 24 to 29 April 2023.
- 14- Teaching Erasmus Mobility Program at Eötvös Loránd University in Hungary June, 27 till July, 8, 2023.
- 15- Workshop on project management in the Euro-Mediterranean University in Piran, Slovenia during the project of internationalization of universities in the period from 4 to 12 June.2023
- 16- Attending a workshop on the project of raising the efficiency of faculty members in the study of climate change at South Wells University in the period from 6-12 March 2023.
- 17- Erasmus mobility for staff exchanges in Banat University, Timisoara, Romania, 23-29 June 2024.

Research Projects:

- 1- Molecular characterization of *Fusarium* species isolated from wheat in Austria (Financed by the Ministry of Agriculture, Austria).
- 2- Molecular characterization of *Fusarium* species isolated from wheat in Austria (Financed by The Ministry of Agriculture , Austria).
- 3- Molecular characterization of apple scab fungus (Financed by DAAD, Germany).
- 4- Molecular markers of *Fusarium* toxins in wheat plants (Financed by the Royal Society, UK).
- 5- Molecular characterization of Schistosomiasis in Western Saudi Arabia (Financed by Taif University, Saudi Arabia).
- 6- Molecular characterization of zygomycetes fungi isolated from some saudi fruited (Financed by Taif University, Saudi Arabia).
- 7- Molecular Diagnosis of Leishmaniasis in Western region of Saudi Arabia (Financed by Taif University, Saudi Arabia).
- 8- Genetic diversity among *Schistosoma* species in Western region of Saudi Arabia (Financed by Taif University, Saudi Arabia).
- 9- Molecular Characterization of Microbial Biofilm Formation in Drinking Water Distribution Networks and its Impact on the Deterioration of Water Quality. (Financed by Taif University, Saudi Arabia).

- 10- Molecular Characterization of Mycobiota and Aflatoxins contamination of retail wheat flours from Jeddah markets. (Financed by King Abdul Aziz University, Saudi Arabia).**
- 11- Molecular characterization of patulin producing fungi associated with apple fruit in Taif region. (Financed by Taif University, Saudi Arabia).**
- 12- Investigation on the microbial quality of commercial table eggs sold at different markets in Taif city of KSA with special emphasis on aflatoxin and antibiotic assessment. (Financed by Taif University, Saudi Arabia).**
- 13- Antibiotic resistance in *Escherichia coli* strains isolated from water springs in Al-Ahsa Region. (King Faisal University, Saudi Arabia).**
- 14- Isolation and molecular characterization of endophytic bacteria from *Rosa abyssinica* plant and its abilities for biological control of fungal diseases. (Financed by Taif University, Saudi Arabia).**
- 15- Molecular Characterization of ochratoxigenic fungi associated with dried grapes (raisin) at Jeddah markets. (Financed by King Abdul Aziz University, Saudi Arabia).**
- 16- Molecular characterization of Giardia parasite isolated from stool samples collected from different hospitals in Taif City. (Financed by Taif University, Saudi Arabia).**
- 17- Molecular characterization of drinking water mycobiota of Jeddah City. (Financed by King Abdul Aziz University, Saudi Arabia).**
- 18- Survey of captive Houbara Bustards (*Chlamydotis undulate*) at National Wildlife Research Centre (NWRC), Taif, Saudi Arabia for potential pathogens and antibiotic resistance genes. (Financed by Taif University, Saudi Arabia).**
- 19- Molecular characterization of *Fasciola* species isolated from sheep in Taif region. (Financed by Taif University, Saudi Arabia).**
- 20- Molecular characterization of chitinase producing Streptomyces and their potential antagonists of some phytopathogenic fungi. (Financed by Taif University, Saudi Arabia).**

- 21- Molecular characterization of mycobiota and mycotoxins (ochratoxin and aflatoxins) associated with some date fruit in Taif region. (Financed by Taif University, Saudi Arabia).
- 22- Molecular characterization of fungi associated with superficial blemishes of potato tubers in Al-Qasim region. (Financed by King Abdul Aziz University, Saudi Arabia).
- 23- Molecular characterization of the Black *Aspergillus* Species of onion and their Potential for ochratoxin Production. (Financed by Taif University, Saudi Arabia).
- 24- Molecular characterization of endophytic fungi from *Calotropis procera* plants in Taif region and determining their antifungal activities. (Financed by King Abdul Aziz University, Saudi Arabia).
- 25- Biosynthesis of silver Nanoparticles using bacteria isolated from Taif environmental resources and its antimicrobial activity against pathogenic microorganisms. (Financed by Taif University, Saudi Arabia).
- 26- Molecular characterization of endophytic fungi associated with high-altitude Juniperus trees and their antimicrobial activities. (Financed by Taif University, Saudi Arabia).
- 27- Mycobiota and their mycotoxins of poultry forage in Saudi Arabia and minimize their contamination using some natural materials. (King AbdulAziz City for science and technology).
- 29- Molecular detection of mycobiota and aflatoxins contamination of chilli samples from Taif region (Financed by Taif University, Saudi Arabia).
- 30- Molecular identification of fungi contaminated pomegranate fruits and the role of processing in reduction of mycotoxin in juice (Financed by Taif University, Saudi Arabia).

Projects funded by the European Union:

- 1- University Student Capacity Building: Towards Readiness for Sustainable Development-Oriented Regional Job Market 618537-EPP-1-2020-1-LV-EPPKA2-CBHE-JP. coordinated by Riga Technical University Technical university in Latvia (50000 Euro).
- 2- MEDiterranean countries: Towards Internationalisation at Home / MED2IaH 610107-EPP-1-2019-1-SI-EPPKA2-CBHE-JP. Coordinated by Euro-Mediterranean University (P1-EMUNI) 52.980 Euro.

- 3- **New Professional Diploma in Plant Clinic and Phytosanitary Technologies. 609550-EPP-1-2019-1-BG-EPPKA2-CBHE-JP. Coordinated by AGRAREN UNIVERSITET – PLOVDIV, Pulgaria .123.103 Euro**
- 4- **INNOLEA – Innovation for the Leather Industry in Jordan and Egypt. 585822-EPP-1-2017-1-EL-EPPKA2-CBHE-JP. Coordinated by NTUA (Greece) –National Technical University of Athens. 104.719 Euro**
- 5- **Improving Mediterranean supply chain through innovative agro-food business to strengthen small-scale farmers competitiveness, using prickly pear and fig as case study. Prima project 2023. Coordinated by University of Aveiro, portugal.150.000 Euro**

Supervision of thesis and dissertations:

- Nine master's degree students.
- Five Ph.D. students.

Invited Lectures:

I got several invitations to talk about molecular typing of different *Fusarium* species in:

1. Institute of Microbiology, Hannover University by Prof. G. Auling.
2. Center of Genetic, Agricultural Sciences University, Vienna, Austria by Dr. G. Adam.
3. Institute of Microbiology, Technique University at Braunschweig, Germany by Dr. B. Schultz.

Honors:

- 1- Scientific Publications Award in 2011 from the University of Taif.
- 2- Scientific Publications Award in 2011 from King AbdulAziz University.
- 3- Scientific Publications Award in 2012 from the University of Taif.
- 4- Scientific Publications Award in 2012 from King AbdulAziz University.
- 5- Scientific Publications Award in 2011 from South Valley University.
- 6- Scientific Publications Award in 2013 from the University of Taif.
- 7- Scientific Publications Award in 2011 from South Valley University.
- 8- Scientific excellence Award in 2013 from the University of South Valley.
- 9- Scientific Publications Award in 2014 from the University of Taif.

- 10- The Gold Medal of the Research and Innovation Design Exhibition (PRPI) 2014 at the University of Putra, Malaysia, from 30 September to 1 October 2014.
- 11- Scientific Publications Award in 2015 from South Valley University.
- 12- Scientific Publications Award in 2016 from South Valley University.
- 13- Scientific Publications Award in 2017 from South Valley University.
- 14- Scientific Publications Award in 2018 from South Valley University.

Reviewing manuscript for the following journals:

- 1- Food Biotechnology
- 2- Food Research International
- 3- Foodborne pathogens and disease
- 4- International Journal of Food Microbiology
- 5- Journal of Current Microbiology
- 6- Journal of Extremophiles
- 7- Journal of food Safety
- 8- Journal of Food Safety and Food Quality
- 9- Journal of Herbs, Spices & Medicinal Plants
- 10- Journal of Stored Products Research
- 11- Journal of the Science of Food and Agriculture
- 12- Microbial Pathogenesis
- 13- Mycotoxins
- 14- Research Journal of Microbiology
- 15- Revista Agro-Ciencia
- 16- African Journal of Food Science
- 17- African Journal of Microbiology
- 18- Asian Journal of Scientific Research
- 19- Biotechnology Letters
- 20- Brazilian Journal of Microbiology
- 21- Canadian Journal of plant pathology
- 22- Ciência Rural
- 23- CyTA - Journal of Food.
- 24- Scientific Reports

List of Publications

A) Articles in journals:

- 1) Mohamed A. Hussein, **Youssuf A. Gherbawy**, Mahmoud S. Abd El-sadek, Helal F. Al-Harthi, Eman GAM El-Dawy (2024). Phylogeny of *Aspergillus* section *Circumdati* and inhibition of ochratoxins potential by green synthesized ZnO nanoparticles. *Mycology*. Impact factor 4.6 <https://doi.org/10.1080/21501203.2024.23794801>
- 2) Eman El-Dawy, **Youssuf Gherbawy**, Mohamed Hussein (2024). Characterization of *Aspergillus* section *Flavi* associated with stored grains. *Mycotoxin Research* 40 (1):187-202. Impact Factor 3.0. <https://doi.org/10.1007/s12550-023-00514-1>
- 3) Eman El-Dawy, **Youssuf Gherbawy**, Mahmoud Abdel-Sadek, Walaa Fouad (2024). Molecular identification of keratinophilic fungi associated with hair scalp and antifungal activity of green-synthesis zinc oxide nanoparticles. *J. Basic Microbiology* 64(5). Impact Factor 3.1. [DOI: 10.1002/jobm.202300447](https://doi.org/10.1002/jobm.202300447)
- 4) **Youssuf Gherbawy**, Maha Aboelkassem Thabet and Serageldeen Sultan (2024). Genetic and morphological characterization of a new genotype of nervous necrosis virus circulating among Nile tilapia in the south of Egypt. *International Microbiology* 27(2):559-569. Impact Factor 3.1<https://doi.org/10.1007/s10123-023-00406-5>
- 5) Mohamed Hussein, Eman Salah, Dina Marwan, Omnia Sayed, Asmaa Abdalhakm, Roqiaia Abdelhakeem, Ebtessam Ibrahim, Aya Abdelhakeem, **Youssuf Gherbawy** (2023). Efficacy of Scabbled and Golden Copper Fungicides on Phytopathogenic Fungi Isolated from Guava Leaves. *Asian Journal of Biochemistry, Genetics and Molecular Biology* 15(3): 12-19. [10.9734/ajbgmb/2023/v15i3334](https://doi.org/10.9734/ajbgmb/2023/v15i3334)
- 6) **Youssuf Gherbawy**, Mohamed Hussein, Nsbela Hassany, Yassmin Shebany, Sabry Hassan, Eman El-Dawy. (2021): Phylogeny and pathogenicity of *Fusarium solani* species complex (FSSC) associated with potato tubers. *Journal of Basic Microbiology*. 1–12. Impact Factor: 2.281. <https://doi.org/10.1002/jobm.202100393>.
- 7) Eman El-Dawy, **Youssuf Gherbawy**, Mohamed Hussein (2021): Morphological, molecular characterization, plant pathogenicity and biocontrol of *Cladosporium* complex groups associated with faba beans. *Scientific Reports*. 11(14183): 1-12. Impact Factor: 4.5. [DOI: 10.1038/s41598-021-93123-w](https://doi.org/10.1038/s41598-021-93123-w)

- 8) **Youssuf Gherbawy**, Eman El-Dawy, Yassmin Shebany (2021): Detection of *Stachybotrys chartarum* isolates from faba beans dust during threshing. **Archives of Microbiology**. 203:5591–5598. **Impact Factor: 2.552**. [DOI: 10.1007/s00203-021-02507-z](https://doi.org/10.1007/s00203-021-02507-z).
- 9) Eman El-Dawy, **Youssuf Gherbawy**, Sabry Hassan, Mohamed Hussein (2021): Molecular Identification of *Penicillium* sp. Isolated from Citrus Fruits. **Current microbiology Impact Factor: 2.3**. 78:1981–1990. [10.1007/s00284-021-02463-3](https://doi.org/10.1007/s00284-021-02463-3)
- 10) **Youssuf Gherbawy**, Thanaa Maghraby, Lamia Hamza, Eman El-Dawy (2021). New morphological criteria and molecular characterization of black aspergilli aggregate from corn, sorghum, and wheat grains. **Archives of Microbiology** 203: 355–366 **Impact Factor: 1.884**. [DOI: 10.1007/s00203-020-02024-5](https://doi.org/10.1007/s00203-020-02024-5).
- 11) **Youssuf Gherbawy**, Hisham Elhariry, Saad Alamri, Eman El-Dawy (2020). Molecular characterization of ochratoxigenic fungi associated with poultry feedstuffs in Saudi Arabia. **Food Science and Nutrition**. **Impact Factor: 1.797**. [DOI: 10.1002/fsn3.1827](https://doi.org/10.1002/fsn3.1827).
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B) Contributions to Scientific Books:

- 103)** Adler, A., Lew, H., Brunner, S., Youssuf Gherbawy, Prillinger, H.J., Kullnig Gradingner, C.M., Mach, R.L., Kubicek, C.P. (2002). Fusaria of the *Gibberella fujikuroi* species complex – shifting of species and toxins in Austrian maize. 42-50, EFMO Proceedings, Speyer, Germany
- 104)** Youssuf Gherbawy, Mohamed El-Naghy , Abdullah Altalhi (2006). Polymerase Chain Reaction-based Methods in *Fusarium* Taxonomy. Chapter 8, in Plant Genome: Biodiversity and Evolution Volume 2B: Lower Groups (Editors A.K. Sharma and Archana Sharma). Science Publishers Inc., Enfield, New Hampshire 03748, USA.

- 105)** Altalhi A., El Deeb, B., **Youssuf Gherbawy** (2008). Role of bacterial plasmid in xenobiotic degradation. Chapter 11 in *Microbial Biotechnology* (Editors Saikai, Ratul) published by New Indian Publishing Agency.
- 106)** **Youssuf Gherbawy**, Robert Mach, Mahendra Rai (2009). *Current Advances in Molecular Mycology*. Novapublishers (USA).
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- 109)** **Youssuf Gherbawy**, Krestin Voigt (eds.) (2010). *Molecular identification of fungi*. Springer Verlag, Berlin, Heidelberg, New York.
- 110)** **Youssuf Gherbawy** , Claudia Kesselboth, Hesham Elhariry , Kerstin Hoffmann (2010). Molecular barcoding of microscopic fungi with emphasis on the mucoralean genera *Mucor* and *Rhizopus*. In: Y. Gherbawy, K. Voigt (eds.) *Molecular identification of fungi*. Springer Verlag, Berlin, Heidelberg, New York. New York: P. 213-250. [DOI https://doi.org/10.1007/978-3-642-05042-8_11](https://doi.org/10.1007/978-3-642-05042-8_11)

D) Submitted Manuscripts

- 111)** Eman GAM EL-Dawy, Abeer Baddar, **Youssuf Gherbawy**, Asmaa Yassin (2024). Distribution of *Candida* species in neonatal thrush and their virulence aspects.
- 112)** **Youssuf Gherbawy**, Abdullah Altalhi, Pet Ioan, Eman El-Dawy (2024). The occurrence of *Fusarium* species and determination of their toxins from poultry feeds during storage.
- 113)** Asmaa Yassein, **Youssuf Gherbawy**, Mahmoud Gaber, Sarah El-Messeiry, Eman El-Daw (2024). Cellulase Gene Expression in the Thermophilic *Thermomyces lanuginosus* Isolated from compost.

E) Contributions to academic conferences

1. Mohamed Hussien, **Youssuf Gherbawy** (2018). Molecular characterization of ochratoxigenic fungi in beef lancheon and their protease activity. **The 4rd International Conference for Environmental Studies**. Hughada- The Red Sea (23-25 October 2018).
2. **Youssuf Gherbawy** Bahig El Deeb, Hesham Al Hariry (2012). Extracellular biosynthesis of silver nanoparticles by *Trichoderma harzianum* isolated from soil and their inhibitory effects on growth and Aflatoxins production by *Aspergillus flavus*. **The Third International Conference on Nanotechnology and its Applications**, 22-25 Feb. 2016 in Hurghada, Egypt.
3. **Youssuf Gherbawy**, Hesham Elhariry and Abdul Aziz Bahobial (2012). Mycobiota and mycotoxins (ochratoxin and aflatoxins) associated with some Saudi date palm fruits. **The 27th Meeting of Saudi Biological Society, Econmics of Environment and Natural Resources** , Jazan City at Jazan University 13-15 Rabia Althani, 1433 H (6-8 March, 2012).
4. **Youssuf Gherbawy**, Bahig El Deeb, Hesham Elhariry (2012). Extracellular biosynthesis of silver nanoparticles by fungus *Trichoderma* sp. isolated from soil and their antimicrobial effects. **The International Conference on Materials Science and its Applications**,13-15 Feb. 2012 in Taif, Saudi Arabia.
5. Rukaia M. Gashgari, Yassmin M. Shebany, **Youssuf Gherbawy** (2011). Molecular Characterization of ochratoxigenic fungi associated with raisins. **The 26th meeting of Saudi Biological Society titled (Clamatic Changes)**. Taif University, Taif , May 10-12, 2011.
6. **Youssuf Gherbawy** and Nemmat Hussien (2011). Molecular characterization of some fruit-inhabiting zygomycetes isolated from some Saudi fruits. **A workshop on Zygomycetes biodiversity, Utrech, The Nethrland**, March 3-5, 2011.
7. Rukaia Gashgari, Yassmin Shebany, **Youssuf Gherbawy** (2010). Molecular Characterization of Mycobiota and Aflatoxins contamination of retail wheat flours from Jeddah markets. **The 25th meeting of Saudi Biological Society titled (Nanotechnology in life sciences)**. King Faisal University, AlHassa, May 11-13, 2010.
8. **Youssuf Gherbawy** and Nemmat Hussien (2009) Molecular characterization of *Mucor circinelloides* and *Rhizopus stolonifer* strains isolated from different fruits in

Taif governorate. **The 24th meeting of Saudi Biological Society titled (Biotechnology reality and applications)**. April 7-9, 2009.

9. Yasmin Shebany, Osman El-Maghraby and **Youssuf Gherbawy** (2009) Molecular characterization of some endophytic *Chaetomium globosum* strains isolated from some medicinal plants in Egypt. **The 24th meeting of Saudi Biological Society titled (Biotechnology reality and applications)**. April 7-9, 2009.
10. **Youssuf Gherbawy**, C. Kesselboth, K. Hoffmann, M. Eckart, H. Dörfelt, K. Voigt (2008) Morpho- und Genotypisierung Allergie-auslösender Pilze. 42. **Wissenschaftliche Tagung der Deutschsprachigen Mykologischen Gesellschaften**. V. Friedrich-Schiller University, Jena, September 4-6, 2008.
11. **Youssuf Gherbawy** (2008) Toxicogenic potential of some *Fusarium culmorum* and *F. graminearum* strains isolated from Egyptian wheat. **X International Fusarium workshop and Fusarium Genomics workshop, Alghero, Italy**, August, 30- September, 2, 2008.
12. Mach, R.L., **Youssuf Gherbawy**, Adler, A. Kullnig, C.M., Prillinger, H. and C.P., Kubicek. Molecular Systematics of the *Gibberella fujikuroi* Species Complex Isolated from Austrian Maize (2001) Given at: **Mold Meeting 2001, Hartberg, Austria**.
13. Adler, A., H. Lew, S. Brunner, **Youssuf Gherbaw**, H. J. Prillinger, C. M. Kulling-Gradinger, R. L. Mach and C. P. Kubicek (2002). Fusaria of the *Gibberella fujikuroi* species complex - shifting of species and toxins in Austrian maize. **Annual Meeting of the European Feed Microbiology Organisation, Speyer, Germany**.
14. **Youssuf Gherbawy**, Andreas Adler and Hansjörg Prillinger (2001): Genotypic identification of *Fusarium subglutinans*, *F. proliferatum* and *F. verticillioides* strains isolated from maize in Austria. **The first international conference for the Egyptian British biological society held at Ismailia** July 29-30, 2001.
15. Hassan El-Sharouny, Faten Abdelaziz and **Youssuf Gherbawy** (2001): Higher freshwater fungi in the River Nile. **The 8th. International Marine and Freshwater Mycology Symposium**. Red Sea, Hurghada, Egypt, July 7-12, 2001.
16. **Youssuf Gherbawy** (2001): The use of RAPD-PCR for the characterization of *Eurotium* strains isolated from date fruits. **The second international conference on date palms held at Al-Ain, United Arab Emirates**, March 25-27, 2001.

17. Refat Farghaly, **Youssuf Gherbawy** and Mohamed Yosef (2000). Evaluation of mycoflora in meat in home-refrigerators with confirmation by using PCR (Polymerase chain reaction) method. **9th Scientific Cong. 2000, Fac. Vet. Med., Assiut Univ., Egypt.**
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20. Hani Abdelzaher, **Youssuf Gherbawy** and Mohamed El.Naghy (1999). Damping - off disease of maize caused by *Pythium deliense* Meurs in El - Minia, Egypt and its possible control by some antagonistic soil fungi. **The Annual Meeting of the Phytopathological Society of Japan held in Niigata University. April 2-4, 1999.**
21. Abdelzaher, H.M.A., Sholkamy, M.A., **Youssuf Gherbawy** and Fadl Allah, E.M. (1998). Possible involvement of cell wall degrading enzymes in pathogenesis of *Pythium spinosum* Sawada, the damping-off fungus of Egyptian clover. **Sixth Egyptian Botanical Society Conference, Cairo University, 24-26 November, 1998.**