



Biography

Name	Associate Professour : Dr Samah Abdelrazik Mohamed Mohamed
Date of birth	7/17/1976
Place of birth	Cairo – Misr al Kadema – Amr Ibin Al Ass Square
Nationality	Egyptian
Marital status	married
Current job	<ul style="list-style-type: none"> ➤ Microbiology lab manager since 2008. ➤ Manager for Microbiology lab at HBRC, SEI, and responsible for Preparing lab and staff for Assessment in 17025 by IAS(International Accreditation Service) 2008 till 2022. ➤ Associate professour of Environmental Microbiology at HBRC (Housing &Building Research Center), SEI (Sanitary &Environmental Engineering Institute.
Work Housing &Building Research Centre	<ul style="list-style-type: none"> ➤ 87 El-Tahrir St., Dokki, Giza, 11511, Egypt. P.O. Box: 1770 Cairo Tel: (+202)37617102, 37617092 Fax: (+202)33351564, 37628736 e.mail: hbrc@hbrc.edu.eg https://www.hbrc.edu.eg
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E mail	➤ Samah_am76@yahoo.com
Address	➤ 76 Al-Shaheed Ahmed Hamdy Street - Al-Talatini - Branched from Al-Eshreen Street - Faisal - AlSafa and Al-Marwa Tower.
Skills English Languages	<ul style="list-style-type: none"> ➤ Fluent in speaking, listenning and writing. Computer : Awarded the International Computer Driving License (ICDL) Certificate include Concepts of Information Technology (IT), Using the Computer and Managing Files, Word Processing, Spreadsheets, Database, Presentation and Information and Communication.
Programming	➤ SPSS for statistical analysis
Research Profiles	Samah A Mohamed Researcher at Housing and Building National Research Center ORCID identifier 0000-0003-7224-3854

Qualifications
➤ Bachelor of Science - Division of Microbiology-Chemistry, with a grade of good, May 1998 - Faculty of Science - Ain Shams University - Girls' College for Arts, Sciences and Education.
➤ Master's degree in Microbiology for the year 1/10/2009 - Faculty of Science - Cairo University - entitled (Assessment of Effective Microorganisms Technology for Treatment of Mycotoxins in Municipal sewage water and its impact on <i>Eruca sativa</i>) .
➤ Research Assistant at Housing & Building Research Centre 1/10/2012.
➤ Ph.D. Microbiology for the year 4/6/2013 - Faculty of Science - Suez Canal University - entitled " Single and Combined treatments of drinking water by chlorination and ultraviolet ray to Control toxicogenic fungi ".
➤ Research Assistant at Housing & Building Research Centre 1/10/2012.
➤ Ph.D. Microbiology for the year 2013 - Faculty of Science - Suez Canal University - entitled " Single and Combined treatments of drinking water By chlorination and ultraviolet ray to Control toxicogenic fungi ".
➤ Researcher at Housing & Building Research Centre 3/6/2013.
➤ Associate Professour in Environmental Microbiology at the Institute of Health and Environmental Engineering - Housing and Building Research Centre - Microbiology department 1/7/2018.
The scientific activities
➤ Microbiology Lab manager science 2008.
➤ Research and studies in the field of water, wastewater, sanitation and the environment.
➤ Research studies in field of Toxicity.
➤ Research in field of Antimicrobial activities.
➤ Preparing, coordinating and implementing training courses in the field of microbiological analyses of drinking water and wastewater.
➤ Preparing, coordinating and implementing training courses in the field of microbiological analyses of Antimicrobial Activity.
➤ Supervising and training on antimicrobial tests for ceramic samples and various insulation materials, polyethylene pipes, polypropylene pipes, PVC and UPVC pipes, filters, Cement cover for water pipes.
➤ Supervising and training on antimicrobial tests for paints used in hospitals, kitchens and water tanks.
➤ Participation in many research and specialized projects.
➤ Supervision and training of bacteriological tests approved in accordance with ISO 17025 (Total bacterial count - total Coliform count - Faecal Coliform count – Fecal streptococcus).
➤ Supervision and training of Antibacterial tests approved in accordance with ASTM E2180-18. Standard Method for determining the activity of incorporated Antimicrobial agents in polymeric or Hydrophobic Materials.
➤ Supervision and training of Antifungal tests approved in accordance with ASTMG21-15(reapproved2021). Standard Practice for determining Resistance of synthetic Polymeric Material to Fungi.

➤ Preparing, coordinating and implementing training courses in the field of microbiological analyses of Toxicity.
➤ Supervising and training on toxicity tests using Microtox for all samples of pipes, gaskets and insulation materials used in drinking water networks.
➤ Member of the local technical and scientific committees.
➤ Prepare and teach practical courses for the first graduated and under graduated microbiologist including many courses water and wastewater microbiological analyses.
➤ Prepare and teach practical courses for the first graduated and under graduated microbiologist including many courses Antimicrobial Analyses for paints polymeric pipes insulation materials.
Training Courses
➤ Successfully completed training course entitled (Eppendorf Micro Centrifuge). By Desk Group. This held on 27/2/2018. At Microbiology lab, HBRC.
➤ Successfully completed hands- on training course on operation/ maintenance equipment's name or model Microtox 500 Analyzer manufactured by our principles Modern water, the training was held in Housing and Building Research center (HBRC) from 8/7//2018 to 8/7/2018 awarded on 9/7/2018.
➤ Successfully completed training course entitled (The Requirement of the Standard Specification Occupational Safety and Health Administration). 18/2/2019. Leadership and Management Development Centre.
➤ Successfully completed training course entitled (Integrated Management of Solid Waste & Urban Development). Which held on 6/4/2019- 17/4/2019. HBRC, Urban Training & studies Institute.
➤ Successfully completed training course entitled (Laboratory Quality Management Systems and Risk Analyses in Accordance with 17025:2017). Attended on 19:22 January 2020, Cairo, Egypt.
➤ Attendance and contribution in training course entitled (Prospect of Nanotechnology & Its Application). Alkarkh university of science & ASP (university performance department academic staff platform. 22/6 - 9/7, 2020. Association of materials science & engineering Nanotechnology.
➤ Successfully completed training course entitled (Antimicrobial Resistance – Theory & Methods). Online course, authorized by Technical University, Coursera. 22 nd July, 2020.
➤ Successfully completed training course entitled (UV/Vis spectrophotometer introduction operation , performing routine work on the scanning fixed and rate mode application, calibration and basic software, vision pro for the instrument :spectrophotometer evolution series, evolution 600 from thermo fisher scientific) .which held on 5-9 th September , 2020.
➤ Successfully completed training course entitled (Future Opportunities for your Business). 1-3 August 2021 –Entrepreneurship club, Cairo University, Faculty of Science.

➤ Contribution attendance training course entitled (HACCP Fundamentals). Online, 7 th August 2021. By Food Science Team.
➤ Successfully completed training course entitled (Bacteria and Chronic Infection). Online course, authorized by COPENHAGEN University, Coursera. 9 th , October 2021.
➤ Attendance and contribution training course entitled (Awareness for ISO 17025: 2017. 1st -2nd September 2021- New Aqua System).
➤ Attendance and contribution training course entitled (Internal Audit for ISO 17025 according to ISO 19011). HBRC by New Aqua System. 8 th - 9 th September, 2021.
➤ Attendance and contribution training course entitled (Ensuring the Validity of Results in testing labs). 15 th -16 th September 2021. HBRC by New Aqua System.
➤ Attendance and contribution training course entitled (Uncertainty Estimation in Testing Lab). 22 nd – 23 rd September 2021, Aqua System.
➤ Attendance and contribution training course entitled (Methods Validation & Verification in Testing Lab) 29 th -30 th September 2021, New Aqua System.
➤ Attendance and contribution training course entitled (Risk Assessment and Risk Management). HBRC by New Aqua System. 9 th October 2021.
➤ Attending and participating in giving lectures in the activities of the Entrepreneurship Club at the Housing and Building Research Center entitled (Microbiological analyses for drinking water). Held on 23 rd November 2021.HBRC.
➤ Attendance and completed all assignments and final exam requirements for the following Arab Safety Academy entitled (Occupational Safety & Health- Risk Assessment). Course, online. 21 st march 2022.
➤ Attendance and completed all assignments and final exam training course entitled (Risk Assessment), which held on line 31 st March 2022. Arab Safety – Occupational Safety Health).
➤ Successfully completed training course entitled (Program Incubation and Entrepreneurship for Emerging Companies). Hosing &Building Research Center.12 th June 2022.
➤ Ain Al-Hayat Association, in cooperation with the Ministry of Environment, is witnessing the implementation of the activities of the National Dialogue for Climate Change Attending a training lecture on (The role of breeding red wiggler worms and producing vermicomposting in the face of climate change). Held online 28th August 2022.
➤ Ain Al-Hayat Association, in cooperation with the Ministry of Environment, is witnessing the implementation of the activities of the National Dialogue for Climate Change Attending a training lecture on (The impact of climatic changes on public health - the Delta sector and coastal governorates). Held on 4 th September 2022.
➤ Successfully completed training course entitled (Bio Rad, Gel Documentation Operation & Troubleshooting).held on 7/10/2022., HBRC.

Workshops

<p>➤ Successfully completed contribution attendance workshop entitled (The Egyptian Code for Design Principles and Implementation for Drinking Water, Sewage and Pumping Stations, Part of sewage treatment plants and their motives) which held on 2/3/2016. HBRC.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (The Egyptian Code for Design Principles and Implementation Conditions for Sewage Treatment Plants & Lifting Stations) which held on 27/4/2016, HBRC, Giza.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Science for Life) National Research Center, Giza, Egypt. January 26 November, 2018. Chemical Industries Research Division.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Inauguration of Egyptian – Spanish Innovation Program (ESIP)) 15th of February 2018 NRC.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (How to Get Published) - IOP publishing Academy (IOP Publishing-Egyptian Bank). Biological Anthropology Department). Cairo University, Faculty of Science. March 2018.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (The Egyptian Code for Design Principles and Implementation Requirements for Sea water, desalination plants) which held on 17/7/2018 HBRC Giza.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Water Desalination & renewable Energy for Sustainable Development), Egypt Desalination Research Centre of Excellence 25 November 2018.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (How to Publish in Top Impact Factor Journals) National Research Center, Giza, Egypt. January 13th, 2019.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Design of Experiment: Multivariate Methods versus Factor by Factor Methods) National Research Center, Giza, Egypt. January 13th, 2019. Agricultural Microbiology Division.</p>
<p>➤ Scientific & Cultural Relations committee appreciate the contribution attendance workshop entitled (Scientific Publishing Innovations). 17/1/2019.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Biomedical Applications of Marine and Terrestrial Microorganisms Derived Compounds). National Research Center, Giza, Egypt. January 19th, 2019.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Prospects of Technology Development & Economic of the Production of Biofuel). National Research Center, Giza, Egypt. January 19th, 2019. Agricultural Microbiology Division. Chemical Engineering & Pilot Plant Division.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Recent Advanced Mass Spectrometric Tools for General analyses) National Research Center, Giza, Egypt. January 20-2019. Pharmaceutical & Drug Industries Research Division.</p>

<p>➤ Successfully completed contribution attendance workshop entitled (World Meteorology Day-International System of Units Is Fundamentally Better) Which Held on 20 May 2019 National Standards Institute (NIS). Tersa, Haram, Giza.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Introducing European Union Grants H 2020). Technology Transfer & localization offices – Scientific. Research Academy, HBRC. Held on 13/9/2019.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Sustainable agricultural Development in Light of Water Scarcity). National Research Center, Giza, Egypt. December 2, 2019.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Nanomaterial & Nano devices), 8th-9th December, 2019. Cairo, Egypt. COMSATS- National Research Center- ISESCO.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Genetic Mutation and What They Have). BADN ACADMEY. Online workshop. 9th of June 2020.</p>
<p>➤ Attendance & participation in workshop entitled (Prospects of Nanotechnology in the field of Controlling Plant Pathogens). June 2020, The International Organization for Protection of Humans Rights, Iraq.</p>
<p>➤ Attendance & participation in workshop entitled (Reaxys to support Research Related to food agricultural and water at El Sevier Life Science Solutions). Held on 9th June 2020.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Toward Green Environment). Held on 29 November, 2020. faculty of Science- Cairo University.</p>
<p>➤ Attendance & participation in workshop entitled (Predication and Trend of COVID 19 Pandemic on 6/23/2020. Held by the e learning committee). Aliraqia University College of Dentistry</p>
<p>➤ Certificate of Attendance, The Deanship of Scientific Research certifies that: has attended 6-hours online training course entitled “Academic writing and publishing” through Zoom platform on June 10-11, 2020.</p>
<p>➤ Successfully completed contribution attendance workshop entitled (Steps for Successfully Submitting Your Scientific Article) March 4th, 2021. Oral Dental Research Division. National Research Center, Giza, Egypt.</p>
<p>➤ Certificates of appreciation for participation in International workshop series (International Consortium and international project Team: From Idea to Project Implement Phase). IRO International Relation Office. November 9th 2021. Grossing Borders for A better Global Academic Environment.</p>
<p>➤ Attendance & participation in workshop entitled (Separation Methods in Analytical Chemistry). Run by Chemistry department, el Basrah University. Faculty of science. 8th December 2021. In coordination with continuing education unit.</p>
<p>➤ Attendance & participation in workshop entitled (How to Avoid Publishing in predatory Journals). Zoom meeting platform that held on 13th January 2022. Scientists square, Cairo University, faculty of</p>

Science.
➤ Attendance & participation in workshop entitled (Epidemiology Studies Observation Types). 26 th May 2022 . Zoom meeting, Scientists Squares, Cairo University.
➤ Has attended the 3rd Ask us... About Corona pandemic and its impact on mental health held byWay to Develop AcademyPresented by Professor Dr. Nesif Al-Hemiary at 19th June 2022 .
➤ Attendance & participation in workshop entitled (Epidemiology Studies Hybrid). On 3 rd July 2022 . Zoom meeting, Scientists Squares, Cairo University.
Conferences
➤ Contribution attendance conference and exhibition by Arab International Industrial entitled (Steps towards Sustainable innovative development). NRC 6 th -8 th May, 2018 . NRC, Division of Engineering Research.
➤ Successfully completed contribution attendance the 8 th International Conference of Arab Union entitled (Sustainable Development Health and Environment from a Sustainable Development Scope). Held on 1-2 October, 2018 . League of Arab States Universities.
➤ Successfully completed contribution attendance the 4 th International Conference entitled (Biotechnology & Environmental Safety). Under the theme of (Technology & Innovative Options for Sustainable Management of Water Resources in Egypt) National Research Center, Giza, Egypt .February 27 th -28 th , 2019
➤ Successfully completed contribution attendance the 8 th International Conference entitled (International water Desalination in Egypt and Middle East). 26-28 February, 2019 . Grand Nile Tower Hotel Cairo, Egypt- organized by (EDRC). Egyptian Desalination Research Center of Excellence.
➤ Successfully completed contribution attendance the 8 th International Conference entitled (Health &Environment in the Context of Sustainable Development) under the auspices of the league of Arab states which held on 2/10/ 2019 .
➤ Successfully completed contribution attendance the 14 th International Conference of the parties to the United Nations Convention entitled (Biological Diversity)17-29- 2019 November, Egypt , sharm El Sheikh.
➤ Successfully completed contribution attendance the 4 th International Conference entitled (Application of Nanotechnology), 22 & 23 th March 2019 at ACC- Creative Research Syndicate of Inventors.
➤ Contribution attendance the celebration of the world Environmental Day entitled (Time for Nature), zoom meeting 5 th June 2020 in cooperation with Arab Scholar Forum FAS. The Egyptian network for Climate Change CAN Egypt & International center for Environmental Services and Consulting Information Technology ICSCFIT. Qualitative Union of associations working in the field Protection in Egypt.
➤ Successfully completed contribution attendance the 4 th International Conference entitled (Sustainable Development in the field of Ornamental Plants Scope). Academy of scientific Research and Technology

Egypt. 23 rd February, 2020 . Ramses Hilton, Cairo.
➤ Successfully completed contribution attendance the 2 nd International Conference entitled (Green Sustainable Roads Industry in Egypt) , Building Materials & Quality Control Institute HBRC., 2020 .
➤ Certificate of attendance the virtual sessions of the 2 nd International Conference on the (Pharmaceutical Sciences) . Organized by the faculty of pharmacy university of Kufa . Held on 17 th -18 th June 2020 . Acino-switzerland.
➤ Certificate of publication of research paper (Utilization of Industrial Granitic Waste as Adsorbent for Phosphate Ions from wastewater). IJSER, October, 2020 .
➤ Successfully completed contribution attendance the 4 th International Conference entitled (Nanomaterials&Nano devices), 8-9 th December 2021 . National Research Center, Giza, Egypt.
➤ Successfully completed contribution attendance the 4 th International Conference entitled (Egypt Water & Wastewater Infrastructure Empowering Innovations). 27-29 November 2022 . Cairo International Convention Center, Nasr City.
➤ Successfully completed contribution attendance the 8 th International Conference of 2 nd International Conference on (Nanotechnology: Theory and Applications) Cairo , 19 th – 21 st December 2022 .Hybrid participation: In-person – Virtual, NTA.
Committees
➤ Member of the biological materials committee formed by ministerial resolution no 277 of 2006 regarding the initiation of an applied study on use of biological materials in the development of primary treatment at Abu Rawash station.
➤ Member of the committee formed by ministerial resolution no 67 of 2007 for the application of biological materials
➤ Chairman of the committee to decide on the purchase of the scientific equipment's' with approval of the chairman of the board of the directors on 12/13/ 2011 and by administrative order 31 of 2012 .
➤ Chairman of the financial decision committee for the limited tender for the purchase of the scientific equipment's' for the Sanitary & Environmental Engineering institute- Microbiology Department, in accordance with administrative order 22 of 2014 .
➤ Chairman of technical committee for the purchase of the scientific equipment's' for microbiology lab by administrative order 22 of 2013 with approval of the chairman of the board of directors on 1/1/ 2014 .
➤ Chairman of technical committee to purchase a toxicity device for SEI, microbiology lab, HBRC. 3/1/ 2017 .
➤ Head of the technical committee of glassware's and chemicals for microbiology lab, SEI, HBRC. 3/1/ 2018 .
➤ Member of committee to determine the follow up the implementation of the occupational safety and health requirements & secure the work environment in the Housing & Building Research Center. by

<p>administrative order 34 of 2019 and with approval of chairman of the board of directors on 8/28/2019.</p>
<p>➤ Member of the occupational safety & Health committee with the approval of chairman of the board of directors 4/2/2020 and by decision of the minister manpower and immigration no 134 for 2003 and according to labor law 12 for 2003.</p>
<p>➤ Member of occupational safety and health committee by administrative resolution no 8 of 2020 and with approval of chairman of the board of the directors on 4/2/2020 to form the occupational safety and health committee to secure the work environment in HBRC. Decision of the minister of manpower and immigration no 134 of 2003 and in accordance labor law no 12 of 2003.</p>
<p>➤ Member of technical committee formed with approval of the chairman of the board of directors on 5/7/2021 to choose maintenance company for laboratories of sanitary & environmental engineering institute 19/9/2021.</p>
<p>➤ Chairman of committee regarding the purchase of the chemicals for toxicity test (microtox). By direct order and with approval of the chairman of board of the directors on 5/8/2021 & administrative 311 for 2021.</p>
<p>➤ Technical member of the microbiology lab in direct agreement committee for the purchase of the chemicals and glassware's for various institutes through the direct order with approval of the chairman of the board of directors on 7/26/2021& administrative order 269 for 2021.</p>
<h3>Symposium</h3>
<p>➤ Successfully completed contribution attendance symposium entitled (Enzyme Linked Immunosorbent Assay, ELISA). National Research Center, Giza, Egypt .November 11, 2019. Microbiology and Immunology Department.</p>
<p>➤ Successfully completed contribution attendance symposium entitled (Climate Changes: The Impact on Pesticides use and Pest Management). National Research Center, Giza, Egypt .September 23rd, 2019. Egyptian Society for Pesticides.</p>
<p>➤ Successfully completed contribution attendance symposium entitled (Ecological &Agricultural towards A Sustainable Agricultural Environment) held on 10th April, 2019. National Research Center, Giza, Egypt.</p>
<p>➤ Successfully completed contribution attendance symposium entitled (Advance in the Biochemistry and Its Applications). The Biochemistry Department , National Research Center, Giza, Egypt .September 2019</p>
<p>➤ Research Academy on campus certificate of attendance entitled (Using of embase for evidence based medicine & Health Care Policy). Making at El Sevier life science solutions. Held on 10th June 2020.</p>
<p>➤ Contribution attendance symposium (chronic disease prevention & Health). 14th June, 2020. Saudi Commission for Health specialties accreditation number C20000063427).</p>

<ul style="list-style-type: none"> ➤ Successfully completed contribution attendance symposium entitled (Nanotechnology and Certain Applications in Agriculture). National Research Center, Giza, Egypt- July, 2022.
Applied Researches
<ul style="list-style-type: none"> ➤ Participation in the extent of the effect of salvania plant as a treatment for liquid waste and sewage water
<ul style="list-style-type: none"> ➤ Integrated study of the possibility of growing cotton with treated wastewater - Yellow Mountain Station
Research plans
<ul style="list-style-type: none"> ➤ Member of research plan (Studying the effect of direct contact with drinking water on water quality). HBRC-SEI. 2021-2022.
<ul style="list-style-type: none"> ➤ Member of research plan the national project to study the methods of stimulation and activation of bentonite clay ore in Kom Oshim - Fayoum Governorate and its applications in drinking water treatment December 2009.
<ul style="list-style-type: none"> ➤ Member of research plan the national project to find advanced methods for treating sewage and industrial wastewater for leather tanning operations in the project of settling and developing the tanneries of ancient Egypt in the Rubiki area, May 2009.
<ul style="list-style-type: none"> ➤ Member of research plan the national project to find advanced methods for treating sewage and industrial wastewater for leather tanning operations in the project of settling and developing the tanneries of ancient Egypt in the Rubiki area, March 2010.
<ul style="list-style-type: none"> ➤ Member of research plan the national research project on the source of ground water in the Al-Ahram Gardens area and affiliated to the Cooperative Society for Building, Housing and the Development of the Al-Ahram Desert, June 2010.
<ul style="list-style-type: none"> ➤ Member of research plan the national research project, applications of green building systems and sustainable development in the field of drinking water and sanitation, using low-cost technology. July 2011.
<ul style="list-style-type: none"> ➤ Member of research plan the national research project, applications of green building systems and sustainable development in the field of drinking water and sanitation, using low-cost technology. December 2011.
<ul style="list-style-type: none"> ➤ Member of research plan the national research project using unconventional techniques to remove phosphorous from waste water in light of the principle of green architecture and sustainable development. January 2012.
Webinar
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (How to Select the Right Journal to Submit Your Manuscript). September 10th -16th 2020. National Research Center, Giza, Egypt.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Tips and Tricks to Write and Apply a Successful Research Proposal).4th October 2020. Division of Veterinary Research. NRC.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Applications of Safe Bio- Pesticides on Some Veterinary & Agricultural Parasites or Pets).NRC- Egypt- September 7th, 2020.

<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Producing Anti-Microbial Masks made of Polyester Blend with Cotton on an Industrial level). NRC, 27th October, 2020.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Pandemic Corona virus (SARS CoV-2) and its Impacts on The Environment and Society). NRC, Cairo, Egypt. 5th January 2020
<ul style="list-style-type: none"> ➤ Participation by virtue of the authority vested in the board of directors of the international dental Implant. Held on 23rd June 2020 for participation in the presentation on (Analyzer Implant Seminar), Implant Dentistry Education.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Iso 17025 Technical and Managerial Requirements for Microbiological Lab). NRC 6th – 7th December, 2020.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Enhance Your Research with El Sevier: Scival: Strategic approach to research, Introduction to Scival). June 8th 2021. NRC, Cairo, Egypt with Egyptian Knowledge Bank
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Reaxys for specialists in chemistry). December 7th 2021. NRC, Cairo, Egypt with Egyptian Knowledge Bank.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Introduction to Molecular Biology). Organized by future scientist platform on 1st December 2022 on free conference app.
<ul style="list-style-type: none"> ➤ Contribution attendance the webinar entitled (Toward Research Excellence With El Sevier, diagnose and treat your patient with confidence using updated evidence based content (clinical key)). NRC, Cairo, Egypt with Egyptian Knowledge Bank . December 4th, 2022.
Publications
<ul style="list-style-type: none"> ➤ T. M. Abdel Rahman; O.A. Abdul waheid ; R. M. Kadry; Samah A Mohamed , (2012): Mold Contamination and Trihalomethane Formation in Drinking Water. Egypt. j. Bot. vol 52, No.2, pp. 287-304. ➤ T. M. Abdel Rahman; O. A. Abdul waheid; R. M. Kadry ; S. A. Mohamed , (2012):Fungal Disinfection in Drinking Water by Single and Combined Treatment by Chlorination UV Irradiation .Egypt .j .Bot .vol .52 , No.2, pp. 389-401. ➤ Samah Abdelrazik Mohamed, (2018): Application of Green Synthesis Ag-NPs from <i>Lawsonia inermis</i> (Henna) plant as Antifungal & Non Toxic Nanomaterial in Drinking Water Purification. Chemistry Research Journal , Acceptance letter 19/1/2018. vol 3, No. 1. ISSN: 2455-8990 CODEN(USA): CRJHA5. ➤ H. A. Abdel Gawwad ; S. AbdEl-Aleem Mohamed and Samah A. Mohammed, (2016): "Impact of magnesium chloride on the mechanical properties of innovative bio-mortar" Journal of Materials Letters vol 1, No. 78 , p 39–43. Elsevier, Accepted 23 April 2016, Available online 26 April 2016. ➤ Samah A. Mohamed and Lames A. Mohamed,(2017): Low Cost Treatments of Sewage Sludge. Civil Engineering, Research Magazine CERM, Civil Engineering Department, Faculty of Engineering, Al-Azhar University, Cairo-

- acceptance letter 15/12/2017.
- Neama A. Sobhy ; Samah A. Mohamed ; Marwa M. El-Tayieb, (2018): **Green Synthesis of Silver Nanoparticles Using *Lawsonia Alba Lam* (Henna) Plant Extract and Its Antibacterial Activity and Toxicity.** Chemistry Research Journal, (2017), 2(6):225-235. ISSN: 2455-8990 CODEN(USA): CRJHA5.
 - Mohamed S. Mahmoud; Mohamed K. Mostafa; Samah A. Mohamed; Neama A. Sobhy and Mahmoud Nasr, (2017): **Bioremediation of red azo dye from aqueous solutions by *Aspergillus Niger* strain isolated from textile wastewater.** Journal of Environmental Chemical Engineering 5 (2017) 547–554.
 - Samah, A. Mohamed; Shimaa, R. Hamed and Raed, S. Al-Wasify, (2014): **Relative Diversity of Filamentous Fungi and Yeasts in Groundwater and their Correlation to Fecal Pollution Indicators and Physicochemical Parameters** Int. J. Curr. Microbiol. App. Sci vol 3, No 10, xx-xx ISSN: 2319-7706.
 - Mahmoud, M.S. and Samah A. Mohamed, (2015): "**Calcium alginate as an eco-friendly supporting material for Baker's yeast strain in chromium bioremediation**" Elsevier Editorial System (tm) for HBRC Journal, doi:10.1016/j.hbrcj.2015.06.003.
 - Neama Ahmed Sobhy; Samah AbdelRazik Mohamed and Noura Fathy Abdelsalam, (2017): **Immobilization of *Penicillium Notatum* on Nano-Silica (NSi-Pen: An Efficient Biosorbent for Extraction of Mg(II) and Ca(II) from Water.** Egyptian journal of Applied Science, vol 32, No 7.
 - Samah. A. Mohammed; M..L.Abd el-latif and S.A. Sanad,(2018): **Protection of decorative limestone against microbial and chemical causes of organic stain.** International Journal of Scientific & Engineering Research (IJSER).Vol 9 No 2.
 - Abdel-Gawwad, H. A., Mohamed, S. A., & Mostafa, A. H. (2018). **Application of eco-friendly method for nano-minerals preparation and ground water treatment.** Ecological Engineering, 119, 29–34. <https://doi.org/10.1016/j.ecoleng.2018.05.002>
 - Hamdy A. Abdel-Gawwad, Samah A. Mohamed, and Mona S. Mohammed, (2019): **Recycling of slag and lead-bearing sludge in the cleaner production of alkali activated cement with high performance and microbial resistivity, Journal of Cleaner Production, Volume 220, Pages 568-580, ISSN 0959-6526.**
 - Darweesh, W. A., Mohamed, S., Emam, W., Abd El Moniem, O., El-Khateeb, M. (2020). 'Evaluation of Antibacterial Activity of Chitosan against Different Bacterial Strains', *Egyptian Journal of Chemistry*, 63(7), pp. 2265-2275. doi: 10.21608/ejchem.2019.20467.2227.
 - Samah Adel Sanad, Samah Abdel Razik Mohammed,(2020): **Potential Usage of Granite Waste as Eco-Friendly and Non-Toxic Coagulant for Removal of Pathogenic Bacteria and Toxigenic Fungi from Untreated Wastewater,** Journal of Scientific and Engineering Research, 2020, 7(11):177-186 Research Article ISSN: 2394-2630 CODEN(USA): JSERBR.
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