**Conference Program**

**Day 1 – Sunday 27 September 2020**

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| **General assembly: Opening ceremony (Conferences Hall, Benha University)**  |
| **9:00 - 10:00**  | **Registration for first day** |
| **10:00 - 11:00** | **Opening ceremony** |
| **11:00 - 11:30** | **Coffee Break** |
| **11:30 - 12:30** | **Invited talk**: Covid 19 and immunity (**Prof.  *Mohamed Labib*** *– Tanta University*) |
| **12:30 - 13:15** | **Invited talk**: Role of Applied Science in Sustainable Development (**Prof. *Hussein M. Abaza*** *- Director (ACED)*) |
| **13:15 - 14:00** | **Invited talk:** A Theory of Biodiversity and Gene Evolution(**Prof. *Sobhy Hassab El-Naby*** *– Menoufia University*) |
| **14:00-14:30** | **Lunch** |

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| **Session 1: Applied Chemistry (Hall A)****Chairman: Prof. Dr. Mohamed Mokhtar****Co-Chairman: Prof. Dr. Gamal Awis** **Prof. Dr. Wagdy El-Dougdoug** |  | **Session 2: Biology (Zoology, Entomology and Microbiology) (Hall B)****Chairman: Prof. Dr. Dina Baraka****Co-Chairman: Prof. Dr. Moshera Ezzat****Prof. Dr. Olfat El-Monairy** |
| **14:30 - 14:45** | Fabrication, structural and adsorption studies of zirconium oxide nanoparticlesAyman A. Ali, Sayed A. Shama, ***Sahar R. EL-Sayed\**** |  | **14:30 - 14:45** | Effect of biofloc aquaculture system on growth performance of Nile tilapia (*Oreochomis niloticus*)Magda M. El-Ezaby, Nassr-Allah H. Abdel- Hameid[[1]](#footnote-1), Safaa A. El-Zawahry, Marwa A. Abd El-Maksoud and ***Fatma E. Shaboun*** |
| **14:45 - 15:00** | H2O2 additive to enhance photocatalytic degradation of methylene blue dye using chalcogen nanocomposite***Mona S. NourEldien***\*, Hisham M. Aly, Mostafa Y. Nassar, and Islam M. Ibrahim  |  | **14:45 - 15:00** | Studying the Kynurenine, some Biochemical and Hematological changes on Egyptian patients with Chronic Hepatitis C during and after treatment with Sofosbuvir فاطمة سالم إبراهيم |
| **15:00 - 15:15** | Synthesis and characterization of aluminum oxide nanoparticles for the removal of sunset yellow dye from aqueous mediaAyman A. Ali, Sayed A. Shama, Abdel Azeem M. El Sharkwy, and ***Nada M. Abd Elkader \**** |  | **15:00 - 15:15** | Potency of silica nanoparticles against Culex pipiens larvae (Diptera:Culicidae)***Aya Hassan El-Khawaga***, Mohamed Mahmoud Baz, Mostafa Yassin Nassar, Nehad Mohamed El- Barkey and Aida Said Kamel |
| **15:15 - 15:30** | Auto- combustion preparation of zinc oxide nanoparticles for photocatalytic degradation of amaranth dye in aqueous mediaAyman A. Ali, Ibrahim S. Ahmed and ***Sara M. Elfiky*** |  | **15:15 - 15:30** | Antioxidant, anti-inflammatory and anti- candida potential activities of Streptomyces canaries isolated from Egyptian Ulva lactucaن***Neveen M.El-Shafaey***, Asmaa N.Adam , Aida M. Farag , Noha K. El Dougdoug , and Hazaa M.M. |
|  |  |  | **15:30 - 15:45** | Antibacterial Activity of Some Medicinal Plant Extracts against Multidrug Resistant Bacteria***M.H. Allam***, Hemmat,M.Abdelhady, Nahed,M. Ayat Rania,F. Ahmed,and Mervat, G. Hassan |

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| **Session 3: Poster session (Microbiology + Entomology) [Hall A pathway]****Chairman: Prof. Dr. Mohamed Gomma Battah Co-chairman: Prof. Dr. Mohammed Hesham Elsyed**  |
| **14:45 - 15:45** | Effect of nutritional factors on the production of L- asparaginase from Egyptian microbial isolates***Rana Samir***, Mohamed O. Abdel-Monem, Khadiga A. Abou-Taleb,Soheir S. Abd el salam |  | Bio treatment of swimming pool water polluted with multidrug resistant Staphylococcus aureus used formulated bacterial viruses***Khalil D. G***., Abdel- Monem M. O., Kandil A., and El. Dogdog N.  |
| Bacteriological Study On Urinary Tract Infection Of Pregnant Women and Detection Of Pyelonephritis–Associated Pilus (pap) Encoding Operon Gene in Uropathogenic Escherichia coli In Benha University Hospital, EgyptMervat G.Hassan; Abeer Ahmed Aboelazm; Mahmoud Mostafa Amer1; Ahmed Walid Anwarm; ***Amira Mohamed Mahmoud*** |  | Nutritional factor affecting on cellulose production by omagataeibacter intermedius 2503 Mo ***Gehad Zeyada,*** Mohamed O. Abdel-Monem, Samira M. Salam, Altaf H. Basta, Vivian F. Banub |
| Prevalence of Staphylococcus species in inflamed conjunctiva at eye care clinics and their response to bioactive compounds produced by probiotics***Sara Mohamed***, Ahmed G. Abdelhamid, Mohamed N. Elmohamadyb, Sohier Abdelrahman, Mahmoud M. Amer |  | Genomic Fickleness of the S gene of Hepatitis B Virus: Clinical and Diagnostic Guidanceتماضر حبيب حسين***Hussein, T.H***, Abdel-Aziz, S.H, Elkalamawy, I.M, Nasr-Eldin, M.A, and Attia, A.M. |
| Antimicrobial activity of Lactococcus lactis sub sp. lactis K201 isolated from some food products against some pathogenic bacteriaAbdel Monem, M.O.; Zaghloul, R.A; Abd El-Salam, Soheir, S.; El-Shenawy, M.A. and El-**Aksher, Omima, A.** |  | The effect of peels extract of punica granatum on some pathogenic bacteriaOmina mohamed Selim mohamed  |
| "Antifungal Activity And Gc-Ms Analysis Of Bioactive Compounds Produced By River Nile – Derived Nocardiopsis Ganjiahunsis***Eman S. Mohamed***, Maisa L. Abd-El-Moneim, Mahmoud A. Swelem, and Mahmoud M. Ammer |  |  |  |
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| **Session 4: Poster session (Chemistry) [Hall B pathway] Chairman: Prof. Dr. Hesham Marawan****Co-Chairman: Prof. Dr. Ali Maaboud** |
| **14:30 - 15:45** | Aminopyridine Transition Metals Complexes; Characterization, Application and Molecular Orbital CalculationMoustafa E. Moustafa, Naglaa M. Meshal, Mohamed I. Ayad and **Osama A. Goda** |  | SOI-gel auto – combustion synthesis and characterization of silica nanoparticles form aqueous mediaنانسي إبراهيم السيدAyman A. Ali, Hisham M. Aly, Ibrahim S. Ahmed and Fathy M. Fathy |
| Synthesis of new organic compound and its application as corrosion inhibitorA. A.Aly, ***A. Saad***, A. Y. El-Etre |  | Physical studies on silk fabric treated by PANI,GO, and PANI&GO nanocomposite.M. Khairy, ***R. Kamala*** , M. A. Mousa |
| Cholestyramine as an adsorbent for methyl orange from aqueous solutionGamal O. El-Sayed, Eman M. Kamar, Hisham M. Aly, ***Iman M. Ghanem*** |  | Study the oxidation stability of local base oil using Azophenol derivativesAshraf M. Ashmawy3,Maher I. Nessim2, W.I. El-Dougdoug1, M. H. Aref1, ***M. H. Zidane*** |
| Fabrication and characterization of Fe₃ O₄ nanoparticles via a facile co-precipitation method ***Dalia A. El-Naggar,*** Hesham H. El-Feky, Abdel-Azeem M. El-Sharqawy, and Mostafa Y. Nassar |  | Synthesis and characterization of silver nanoparticles through a hydrothermal treatment using trisodium citrate as a reducing agent***Fatma A. Shaker,*** Hesham H. El-Feky, Gamal O. El-Sayed\*, and Mostafa Y. Nassar |
| Removal of cadmium from aqueous solutions by dewatered sludge***Tarek Sabry***, Gamal O El-Sayed, Sayed E Mosallamy |  | Synthesis, structural characterization and antineoplastic activity of new metal complexes of quinoxaline ligandناهد السيد محمد شهاب  |

**Day 2 – Monday 28 September 2020**

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| **9:00-10:00** | **Registration for Second day** |
| **10:00-10:30** | **Invited talk:** "Nanotechnology & Diagnostic Medicine (The Future of Nanosensors)"**Prof. Hassan Azazi** (American University in Cairo) |
| **10:30-11:00** | **Invited talk:** " Latest Trends in Food Biosafety "**Prof. Ahmed Abd-Elmawgood** – [Egypt-Japan University of Science and Technology](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwiOm4CfyurmAhWh2uAKHauEDpUQFjAAegQIGBAD&url=https%3A%2F%2Fejust.edu.eg%2F&usg=AOvVaw0tev-0m5REK53vTMWCW2UR) |
| **11:00-11:30** | **Invited talk:** " Miditerranean and River Nile Catholic Geology Marriage"(**Prof. *Ali Bakr****– Rockserv Petroleum Company)* |
| **11:30-12:00** | **Invited talk:** " Dielectric Relaxation Spectroscopy and Nanotechnology"(**Prof. *Gamal Turk****y– National Resarch Center)* |
| **12:00-12:30** | **Coffee Break** |
| **12:30-13:00** | **Workshop:** "Magnesium Battery as a Post Lithium Battery"(**Prof. *Eslam Sheha****– Benha University)* |

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| **Session 5: Applied Chemistry+ Geology (Hall A)****Chairman: Prof. Dr. Mahmoud Mosa****Co-chairman: Prof. Dr. Alaa Amin- Prof. Dr. Ashraf Wasfy- Prof. Dr. Zakaria Hamami**  |  | **Session 6: Botany and Microbiology (Hall** B**)****Chairman: Prof. Dr. Mahmoud Hazzaa****Co-chairman Prof. Dr. Mahmoud Amer- Prof. Dr. Mahamed Othman** |
| **13:00-13:15** | Sol gel auto-combustion preparation and characterization of silica nanoparticles for the removal of congo red dye from aqueous mediaAyman A. Ali, Hisham M. Aly, Ibrahim S. Ahmed and ***Fathy M. Fathy*** |  | **13:00-13:15** | Characterization of multidrug- resistance Aeromonas hydrophila D2007 and Escherichia coli W102 phages as supportive tools for controlling foodborne pathogens***Aya Ayman,*** Mohamed O. Abdel-monem, S. Abed Elsalam, A. Askora, M. Nasr Eldein |
| **13:15-13:30** | Fractionation of cadmium in some contaminated soils and remediated it by using Zero valent iron(ZVI)***Rabab A. Omer***, Samir A. El-Gendi , Gamal O. El-Sayed |  | **13:15-13:30** | Biosynthesis of L-glutaminase from Ochrobactrum intermedium strain and optimization fermentation process using placket-Burman designجهاد شاكر فريد غيث |
| **13:30-13:45** | Toxicity of Garlic essential oil (*Allium sativum*) and determination of its residues in eggplant plants during crop production cycle***Shiry S. Takla1***, Farida M. S. E. El-Dars , A. S. Amien and Marguerite A. Rizk |  | **13:30-13:45** | Physiological impact on fenugreek (Trigonella foenum- graecum L.) plant treated by farmyard manure and two selected seaweeds as biofertilizersGehad Sh. F. Ghaith1, Mohamed O. Abdel-Monem1, Khadiga A. Abou-Taleb2, Ahmed M Abdelaziz 3, Mervat G Hassanمي محمد مصطفي حسن |
| **13:45-14:00** | Preparation, characterization and optical properties of Titanium oxide nanoparticles for photocatalytic degradation of an organic dyeAyman A. Ali, Mostafa Y. Nassar and ***Samah A. Singab*** |  | **13:45-14:00** | Isolation of bacteria from various sites of pharmaceutical industry and evaluation of their susceptibility to some commonly used antibiotics and medicinal plantsمها سعيد خيشة سالم |
| **14:00-14:15** | Determination of the Earthquake Source parameters at Aswan Area, Egyptهند لطفي |  | **14:00-14:15** | Characterization and evaluation of isolated lytic phages for biocontrol of multidrug- resistant (MDR) *Enterobacter cloacae* complex isolated from dairy productsMahmoud Hazaa, Sabah Abo EL-Maaty,**Eman Gamal**, Nahed Elayat, Mohamed Nasr-Eldin |

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| **Session 7: Poster session (Chemistry) [Hall B pathway]** **Chairman: Prof. Dr. Sayed El- Badawy****Co-chairman: Prof. Dr. Sayed Abd-Elaziz- Prof. Dr. Mostafa Nassar** |
| **13:15-14:15** | Synthesis, Characterization and Investigation of Nonionic Surfactants from Polyacrolein Waste as Corrosion Inhibition Efficiency for Carbon Steel Pipeline in 1M HCIA.M. Al-Sabagh , Amira E. El- Tabey , N.M. Nasser , Aly A. Aly , Mohamed S. Behalo, Alaa Y. Taha |  | Preparation, characterization and optical properties of ZnFe₂O₄nanoparticles using auto-combustion and co-precipitation methodsAyman A. Ali, Mostafa Y.Nassar and ***Ahmed S. Diab*** |
| Corrosion inhibition of Isosorbide dinitrate dinitrate drug on carbon steel in hydrochloric acid solutionA. Y. EL-Etre, Samar Seyam, **M. Mady** |  | Corrosion inhibition of Reinforcing Carbon steel Bars by Thiourea in acidic mediaمحمود سعيد محمود إسماعيل |
| Adsorptive Removal of a Food Coloring Dye Carmoisine by Silica GelG. O. El-Sayed, E. H. El-Mossalamy, ***A. M. Abdelaal*** |  | Synthesis and characterization of nonionic surfactants derived from waste polyethylene terephthalate and their evaluation as corrosion inhibitors for protection of carbon steelMahasen Saad Amin, MohamedAbou Raya1, Hassan H. H. Hefni, Nabel A. Negm,***Alaa El Sheikh*** |
| Removal of Organic Pollutant from Aqueous Solution using Silver Nanoparticle Prepared by Green Chemistry TechniqueIslam M. I. Moustafa, Helmy E. Megahed and ***Emad F. Ibrahim*** |  |

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| **Session 8: Poster session (Mathematics, Computer Science, Physics) [Hall B pathway]** **Chairman: Prof. Dr. Reda Gamal** **Co-Chairman: Prof. Dr. Nabil Shash Dr. Mosab Hassan** |
| **13:00-14:15** | The Error Behaviour of Collocation and Galerkin Methods in Solving Integral Equations M. A. Abdou, A. A. Soliman and ***M. N. Elhamaky*** |  | Arabic Text to Image Generation based on Generative Network of Fine-Grained visual Descriptions***Sara Maher***, Mohamed Loey  |
| On Discussion of Fractional Linear Integro Partial Differential Equation with Evaluation Kernel Using Modified Bielecki Method and its Numerical SolutionM. A. Abdou , A. A. Soliman , M. H. Abdalla, G. A. Mosa , and ***F. A. Gawish*** |  | Laser Interferometric Investigations on some physical properties of a Natural Bio-gasرياض غازي |
| New oscillation criteria for second-order neutral delay dynamic equations with a nonpositive neutral term on time scalesA. Soliman, A. M. Hassan, ***S. Affan*** |  | "Hybrid Model with Quarks and Mesons as Degrees of Freedom in Nuclear Ground State Energies”رباب حسين |
| Image Splicing Forgery Detection Using Improved Local Binary Pattern***Eman I. Abd El-Latif,*** Ahmed Taha; Hala H. Zayed |  | Study on nonlinear conduction of PEDOT: PSS conducting polymer***R.S.Abd-Elghany,*** H.Khoder, R.Khalil and M.K.El-Mansy |
| A Novel Landmarked Face Database for Arab Celebrities***Reda Ghanem***, Mohamed Loey |  | The elastic properties using ultrasonic non-destructive Technique for light weight ceramic from Clay and Sewage Sludge Ash***A. A. Negm,***T.Y. Elrasasi, , H. Khoder, F. Metaweand M. K. El-Mansy |

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| **Session 9: Poster session (Geology, Zoology and Entomology) [Hall B pathway]** **Chairman: Prof. Dr. Nasr Allah Hassan****Co-Chairman: Prof. Dr. Maher Elammay- Prof. Dr. Aida Saeed** |
| **13:15-14:15** | Application of Remote-Sensing Techniques in Geological and Structural Mapping of Atalla Shear Zone and Environs, Central Eastern Desert, Egyptأسماء السيد العربي |  | Cellular Immune Response of Plodia Interpunctella And Ephestia Kuehniella (Lepidoptera: Pyralidae) Parasitized By Bracon Hebetor Wasp (Hymenoptera:Braconidae).Faten F. abouldahb\*, Mona F. Abd-El Aziz\*, Aida S. Kamel, Rawhia, H. Ramadan; ***and Heba, F. Abd-elKhalek*** |
| Contribution of Structiral Interpretation Of Najmah Formation; A Broblem Case In Raudhatain And Sabriyah Fields, North KuwaitMaher A. El Amawy, Mohammed M. Afife, Mubarak M. Al Hajeri and ***Ahmed A. Mohammad*** |  | Effects of Bee Pollen and Silymarin on Some Parameters in Cisplatin- Induced Hepatotoxicity in Male Albino RatsAziza A.M. El-Shafey, Moshira M.E. Seliem, Eman M.S. Shahen, Doaa S. Ibrahim, ***Doaa I.M. Mahmoud***  |
| Constructing a 3D Structure Geological Model for Sarir Sand Stone Reservoir on Majid Area, Sirte Basin, LibyaEl-Amawi, A. M., Afife, M. M., and Khalil, F.A |  | Description of The Early Developmental Stages of The Sense Organs of The Egyptian Passer domesticusAbdel Hady,S.I.;Emam,M.A.;***El-Sayed,SH*** |
|  | Teratogenic Effect of Therapeutic Doses of Sofosbuvir and Daclatasvir on the Skeletal System of Mice FetusesAbdel-Hady,S.I. - El-Shabaka,H.A. ***and Sliem,R.E.A*** |

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| **14:15-14:45** | **Lunch** |
| **General assembly: Closing ceremony**  |
| 14:45- 16:00 | Closing session and Recommendations |

1. [↑](#footnote-ref-1)