

Curriculum Vitae Dr. Yanal Ahmad Al-kuddsi (PhD)



Profile Summary

Born in 1978, Male, Married, 2 Children, Lives in Kaunas, Lithuania.

I am **Ph.D 1. (Agri)** working at Department of Forest Resources, Economics and Policy, Lithuanian Forest Research Institute, Lithuanian Research Centre for Agriculture and Forestry, Kaunas, Lithuania. **PhD 2 (Agri)**, MSc (Agri) Department of Genetics and Plant Breeding, University of Agricultural Sciences, Dharwad, Bangalore, Karnataka, India. Academic Lecturer in the Bioinformatics Master Program, Syrian Virtual University, Damascus, Syria. I am previously a Principal Research Scientist at Department of Biotechnology, General Commission for Scientific Agricultural Research, Damascus, Syria (Plant Breeding, Biotechnology, Nanotechnology, Plant Molecular Genetics, Genetic Engineering) and Academic Staff at Department of Drugs - Faculty of Pharmacy – Al Rasheed International University for Science and Technology, Damascus, Syria. Previously I was an academic staff at Department of Biotechnology, Faculty of Applied Science, Al Kalamoon University, Rural of Damascus. Head of the branch of International Union of Arab Academics - Syrian Arab Republic. Head of the Arab Network for Training and Human Development - Syrian Arab Republic. A representative of the Arab Union for Sustainable Development and the Environment. A representative of the Arab Union for Nanotechnology in the Syrian Arab Republic. Member of the Scientific Committee of the Syrian Mother Assembly. Member of the Scientific Committee of the Biotechnology Department, General Commission for Scientific Agricultural Research. Editorial Board Member of Global Research Journal of

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Science and Nature. Editorial Board Member of Genetics and Environmental Resources Conservation Journal. Editorial Board Member of Dhi Qar University Journal of Agricultural Research, affiliated to Iraqi Ministry of Higher Education and Scientific Research. Editorial Board Member of Plant Research and Innovations Journal. Editorial Board Member of BMDB Transactions on Sustainable Biomedical Engineering Journal. Editorial Board Member of Hilla University College Journal for Medical Science. Editorial Board Member of Al Nakhla Journal of Science (AJOS).

Personal Data

- ❖ **Name:** Dr. Yanal A. Alkuddsi
- ❖ **Father's Name:** Ahmad
- ❖ **Designation:** MSc (Agri), Ph.D (Agri) – Genetics and Plant Breeding – Ph.D (Agri) in Forestry
- ❖ **Date of Birth:** 24 April 1978, Male
- ❖ **Place of Birth:** Damascus, Syria
- ❖ Damascus, Syria
- ❖ **Address:**
Liepų St. 1, Girionys, LT-53101 Kaunas distr., Lithuania
Tel. +370 37 54 72 21
E-mail: mi@lammc.lt
- ❖ **Mobile: Whatsapp:** 00963- 937124123/ **Mobile:** 00370-64068010
- ❖ **Personal Website:** <http://dr-yanal-alkuddsi.strikingly.com/>
- ❖ **Social Media:**
Facebook: <https://www.facebook.com/dr.yanalalkuddsi>
Instagram: https://www.instagram.com/dr.yanal_alkuddsi
Linkedin: <https://www.linkedin.com/in/dr-yanal-a-alkuddsi-b6984726>
Orcid: <https://orcid.org/0009-0001-9840-6257>
GoogleScholar: <https://scholar.google.com/citations?user=P23XXhEAAAJ&hl=ar>
Research Gate: <https://www.researchgate.net/profile/Yanal-Alkuddsi-2>
- ❖ **E-mail:**
 - ❖ yanal.alkuddsi@lammc.lt (Formal)
 - ❖ yanal.q@aspu.edu.sy
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 - ❖ Yanal-alkuddsi@ru.edu.sy
 - ❖ y.alkuddsi@gmail.com

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Educational Qualification

❖ **February 2024 to Present:**

Ph.D 1. (Agri) Scholar, Department of Forest Resources, Economics and Policy, Lithuanian Forest Research Institute, Lithuanian Research Centre for Agriculture and Forestry, Kaunas, Lithuania.

❖ **September 2009 to September 2013:**

Ph.D 2. (Agri) Scholar, Department of Genetics and Plant Breeding, University of Agricultural Sciences, Dharwad, Karnataka, India.

❖ **August 2007- August 2009:**

M.Sc. (Agri) Scholar, Department of Genetics and Plant Breeding, University of Agricultural Sciences, Bangalore, Karnataka, India.

❖ **February 2003 –December 2004:**

Diploma (Agri), Department of Field Crops, Faculty of Agriculture, Damascus University, Damascus, Syria.

❖ **September 1998- September 2002:**

B.Sc. (Agri), Department of Field Crops, Faculty of Agriculture, Damascus University, Damascus, Syria.

Work and Research Experience

❖ **2026** Consultant Expert, Scientific Affairs and Research Council, Al-sham Private University (Biofuels, Biotechnology, Biology, Sustainable Development and Nanotechnology Applications).

❖ **2025** Visiting researcher at Department of Energy and Technology, Swedish University of Agricultural Sciences, Uppsala, Sweden (Life Cycle Assessment, Economic Assessment and Bioethanol Production).

❖ **2024** Visiting researcher at Department of Bioprocess Engineering, Faculty of Natural Sciences Institute of Food Science and Biotechnology, Hohenheim University, Germany (Biotechnology, Nanotechnology Applications).

❖ **(2024 to Present)** working at Department of Forest Resources, Economics and Policy, Lithuanian Forest Research Institute, Lithuanian Research Centre for Agriculture and Forestry, Kaunas, Lithuania.

❖ **(2013 to 2024)** working at General Commission for Scientific Agricultural Research- Damascus- Syria (Biotechnology and Nanotechnology Applications).

❖ **(2018 to Present)** Lecturer at Department of Drugs - Faculty of Pharmacy – Al-Rasheed International University for Science and Technology – Damascus- Syria.

- ❖ (2021 to Present) Lecturer at Master Bioinformatics Programme – Syrian Virtual University- Damascus- Syria.
- ❖ (2016 to 2018) Lecturer at Department of Biotechnology, Faculty of Applied Science, Al-Kalamoon University, Damascus, Syria.
- ❖ (2016-2017) Lecturer at Department of Biology, Faculty of Science, Damascus University, Damascus, Syria (Immunology and Molecular Genetics).
- ❖ (2009-2013) worked at University of Agricultural Sciences- Dharwad- Karnataka- India (Biotechnologist and Genetic Engineering Researcher).
- ❖ (2007- 2009) worked at University of Agricultural Sciences-Bangalore- Karnataka- India (Biotechnologist and Genetic Engineering Researcher).
- ❖ (2002-2006) worked at Ministry of Agricultural and Agrarian Reclamation (Agronomist)- Damascus- Syria.
- ❖ (1998-2002) worked at University of Damascus-Agriculture College- Department of Field Crops- Damascus-Syria.

Main Activities and Responsibilities

- ❖ In first PhD research focused on molecular genetics and plant breeding, including the development of plant hybrids and the study of genetic diversity using biotechnological and genetic engineering tools, particularly in cotton.
- ❖ In second PhD, i work on developing integrative models linking dendrometric traits of trees (such as diameter, volume, and wood density) with biomass productivity and its conversion into bioenergy. The research particularly emphasizes second-generation bioethanol production from lignocellulosic biomass, along with environmental and economic assessments using advanced tools such as Life Cycle Assessment (LCA).
- ❖ I focus on: Plant Sciences- Plant Production- Plant Biology- Immunology- Biotechnology- Nano technology- Genetic Engineering- Molecular biology- Genetics- Cytogenetics - Quantitative Genetics-Molecular technique- Genetic transformation- Heterosis Breeding-Plant breeding- Cotton Breeding.
- ❖ **Courses that can be taught: (Faculties of Pharmacy, Dentistry, Human Medicine, Biology, Health Faculties):**
Nanotechnology, Biotechnologies, Molecular Biology, Forestry, Bioethanol, Plant Biology, Animal Biology, Genetics, Cytogenetics, Quantitative Genetics, Molecular Technology, Genetic Modification, Breeding strength of the hybrid, Plant Breeding, Cotton Plant Breeding, Biological Sciences.

❖ **Research carried out and in progress in the field of nanotechnology**

- 1- Effect of nanofiber supports in relieving the phenomenon of phenolic browning of some plant tissues grown in the laboratory.
- 2- Comparison of the effect of some nano-fertilizers and mineral chemical fertilizers on some productive and qualitative characteristics of wheat cultivars.
- 3- Comparing the effect of some nano-fertilizers and mineral chemical fertilizers on some productive and qualitative characteristics of maize variety Ghouta 82.
- 4- Effect of adding different levels of nano calcium carbonate to the feed mixture on the productive and physiological performance of laying hens and broilers.

Title of Thesis

❖ **Ph.D. Thesis:**

Development and Exploitation of Heterotic Pools of Hirsutum and Barbadense for Developing Potential Interspecific Hybrids, Molecular Marker and Genetic Transformation Study in Cotton.

Environmental and Economic Assessment of Biomass Production from Energy Crops.

❖ **MS.C. Thesis:** Heterosis, Combining Ability and *per se* Performance of New Hybrids of Upland Cotton (*Gossypium hirsutum* L.) For Kapas Yield and its Attributing Characters.

❖ **Diploma. Thesis:** Development of an efficient screening technique to assess the genetic variability to response of some Chickpea (*Cicer arietinum* L.) to water stress.

❖ **B.Sc. Thesis:** Effect of plant density on the yield of some varieties of durum wheat under irrigated conditions in the College of agriculture in Damascus (Abo Jarash).

Languages Known

Arabic (Mother Tongue): Writing and Speaking

English: Writing and Speaking

- ❖ language certificate from higher language institute, Department of English language, lower intermediate level till the preparation course for IELTS test

Experience in computers and other fields of qualification, training and scientific activities

- ❖ **Good knowledge of the following statistical programs:** SPAR 2- POWER MARKER- NTSYS- DARwin- TANUSTAT GENERES- WINDOW STAT.
- ❖ Excellent knowledge of Microsoft office programs.
- ❖ I was awarded the Arab Creativity and Leadership Medal at the individual level, within the Inspirational 3 competition for the year 2023 in the Emirate of Dubai - United Arab Emirates.
- ❖ I was awarded the Medal of Scientific Excellence by the Environmental and Agricultural Palm Organization and the Iraqi Association for the Conservation of Genetic and Environmental Resources 5-29-2021.
- ❖ I obtained a web design certificate from UNRWA, with a very good grade, on 12-1-2015.
- ❖ I obtained a job skills certificate from UNRWA from 8 to 16 December 2014.
- ❖ I obtained a Computer Driving Certificate (ICDL) from the Syrian Informatics Society on 10-1-2015.
- ❖ I obtained the Training of Trainers Certificate (TOT) from the Rehabilitation and Training Department, Ministry of Agriculture and Agrarian Reform 30-3-2017.
- ❖ I obtained a Neuro Linguistic Programming Certificate from the Center for Management and Productivity Development - Ministry of Industry - 10-25-2018.
- ❖ Head of the International Union of Arab Academics branch in the Syrian Arab Republic (Decision 978 dated 6/25/2020).
- ❖ Head of the branch of the Arab Network for Training and Human Development in Syria - The Arab Network for Training and Human Development.
- ❖ Representative of the Arab Union for Sustainable Development and the Environment affiliated directly to the League of Arab States in the Syrian Arab Republic.
- ❖ Representative of the Arab Center for Nanotechnology in the Syrian Arab Republic (No. 55 dated 1/21/2020 - Member of the General Secretariat - Registration No.: 201).
- ❖ A representative of the AKAD organization for cultural exchange between Iraq and Russia (Decision No. 31, dated 8/42/2019).
- ❖ Member of the Scientific Committee of the Department of Biotechnology at the General Authority for Scientific Agricultural Research.
- ❖ Member of the Scientific Committee of the Syrian Mother Assembly.
- ❖ Active member of the International Union of Arab Academics.

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- ❖ I managed a series of specialized scientific lectures in high technologies (biotechnologies and nanotechnology). High Tech at the Engineers Syndicate and on the amphitheater of the Physics Department, sponsored by the Mother Syria Assembly and the University of Damascus.
- ❖ Received an award at the "Biotechnologies for Students" conference as the third best scientific research in the field of biotechnologies (genetic engineering), in the Indian city of Pune 13-14 \ 11 \ 2010.Membership
- ❖ Head of the branch of the International Union of Arab Academics - Syrian Arab Republic.
- ❖ Head of the Arab Network for Training and Human Development - Syrian Arab Republic.
- ❖ A representative of the Arab Union for Sustainable Development and the Environment.
- ❖ A representative of the Arab Union for Nanotechnology in the Syrian Arab Republic.
- ❖ Member of the Scientific Committee of the Syrian Mother Assembly.
- ❖ Member of the Scientific Committee of the Biotechnology Department, General Commission for Scientific Agricultural Research.

Editorial Board Membership

- ❖ Editorial Board Member of Global Research Journal of Science and Nature.
- ❖ Editorial Board Member of Genetics and Environmental Resources Conservation Journal.
- ❖ Editorial Board Member of Dhi Qar University Journal of Agricultural Research, affiliated to Iraqi Ministry of Higher Education and Scientific Research.
- ❖ Editorial Board Member of Plant Research and Innovations Journal.
- ❖ Editorial Board Member of BMDB Transactions on Sustainable Biomedical Engineering Journal.
- ❖ Editorial Board Member of Hilla University College Journal For Medical Science.
- ❖ Editorial Board Member of Al Nakhla Journal of Science (AJOS).

COST | European Cooperation in Science and Technology Membership

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- ❖ Network for Evidence Synthesis in The Agri-Food Sector. <https://e-services.cost.eu/action/CA23107>.
- ❖ Genetic Nature Observation and Action. <https://e-services.cost.eu/action/CA23121>.
- ❖ Social, biological and climatic impacts of salt ages. <https://e-services.cost.eu/action/CA23124>.
- ❖ Bringing Digital Data and Reality Together - Augmented Reality in Forestry. <https://e-services.cost.eu/action/CA23135>.
- ❖ European Network for the Integrative Approach of Urban Forestry. <https://e-services.cost.eu/action/CA23148>.
- ❖ European Network for Multiple View Life Cycle Sustainability Assessment. <https://e-services.cost.eu/action/CA23157>.
- ❖ European Materials Acceleration Center for Energy. <https://e-services.cost.eu/action/CA22123>.
- ❖ European Curvature and Biology Network. <https://e-services.cost.eu/action/CA22153>.

Conferences, Workshops and Training

1. The Third International Conference on Food Technology "Together Towards Healthy and Sustainable Food" General Commission for Biotechnology, Damascus, Syria, December 1–3, 2025.
2. The 14th International Conference of Young Scientists "The Young Scientists for the Advance of Agriculture," AGRISCI 2025. Vilnius, Lithuania, 26 November 2025.
3. The International Conference on Plant Science 2025 "Agriculture Engineering and Plant Science" Berlin, Germany, 23-24 June 2025.
4. The 19th International Scientific Conference "The Vital Nature Sign 2025" Kaunas, Lithuania 15-16 May 2025.
5. Panel Discussion: "Education in Syria: Current Challenges and Future Prospects for Solutions" Syrian Democratic Future Party April 12, 2025 – Germany.
6. Postgraduate Course "Advanced statistics in R for Earth Scientists" organized by the COST Action SaltAges CA23124 - Social, biological and climatic impacts of salt ages, (University of Turin, Italy) and Niklas Hohmann, MSc (Utrecht University, Netherlands), 18-19/3/2025.
7. The International Scientific Conference "Solutions based on sustainable agriculture and forestry" Kėdainiai, Lithuania, 11/2/2025.

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8. Online training program on “[Advancements in Food Technologies: Bridging Innovation with a sustainable future](#)” MARADI, Malaysia, 25-29 November 2024.
9. Online training program on “[Coral Reef Preservation: Science, Management, and Action Course](#)” AARDO, Jordan, 7-9 November 2024.
10. The 13th International Conference “[Young Scientists for Advance of Agriculture AGRISCI2024](#)”. Vilnius, Lithuania, 26 November 2024.
11. The 4th International Conference on the Scientific Actualities and Innovations in Horticulture 2024 “[SAIH 2024](#)“. Kaunas, Lithuania 16-18 September 2024.
12. The 18th International Scientific Conference “[The Vital Nature Sign 2024](#)” Kaunas, Lithuania 16-17 May 2024.
13. The scientific conference in Riga “[Edit Grass 4Food](#)” University of Latvia, Latvia, April 5, 2024.
14. The scientific training “[Agricultural Biotechnology for Food Security and Sustainable Future](#)” Malaysian Institute of Agricultural Research and Development, MARDI, Malaysia, July 24-28, 2023.
15. The first scientific conference “[Dubai Stem Cell Congress](#)” Dubai, United Arab Emirates, February 27-28, 2023.
16. The Fourth Arab Conference: [Arab Creativity and Leadership: Transformations and Challenges](#), Dubai, United Arab Emirates, January 28-30, 2023.
17. The Second Conference on Food Technology, “[Biotechnologies for Safer Food](#)”, Damascus, Syria, 24-26 October 2022.
18. The first conference, “[The Medicinal and Aromatic Plants Conference - Green Investment](#)”, Damascus, Syria, August 29-30, 2022.
19. The Fifth International Scientific Conference “[Sustainable Development in Agriculture and the Environment](#)”, the Iraqi Environmental and Agricultural Palm Organization, Beirut, Lebanon, 17-18 August 2022.
20. The Second Scientific Conference “[Molecular Pathology](#)”, the Syrian Association of Pathologists, Damascus, Syria, 8-10 August 2022.
21. Conference of Syrian Expatriate Researchers 2022 “[Towards the Knowledge Economy: The Role of Syrian Researchers in the Homeland and Expatriate](#),” the Supreme Commission for Scientific Research, August 4-6, 2022.
22. The Thirteenth Scientific Conference “[Agricultural Scientific Research - Work and Hope](#)” The General Commission for Scientific Agricultural Research, Damascus, Syria, May 15-17, 2022.

23. Scientific Symposium "[The Impact of Climate Change on the Environment and Sustainable Agriculture](#)", Faculty of Agricultural Engineering, Tishreen University, Lattakia, Syria, 11-12 May 2022.
24. "[Damascus Scientific Pharmaceutical Days](#)" workshop, Pharmacists Syndicate in Syria, Damascus, Syria, 24-26 March 2022.
25. The First International Scientific Conference "[Food Security and Environmental Sustainability](#)", King Faisal University, Kingdom of Syria, Al-Ahsa, 7-9 March 2022.
26. Scientific symposium "[The Basics of Creativity](#)", Al-Suraihi Diwaniya for Creativity, Arab Union for Sustainable Development and Environment, Makkah Al-Mukarramah, March 5, 2022.
27. Scientific symposium "[Establishing the Arab Council for Creativity and Innovation](#)", Arab Union for Sustainable Development and Environment, February 23, 2022.
- 28.- The first international scientific conference on the environment of marshes and water surfaces, "[preserving water surfaces from the impact of environmental changes and human interventions](#)" Dhi Qar University / Marshes Research Center, Iraqi Ministry of Higher Education and Scientific Research, Republic of Iraq, November 17-18, 2021.
29. The Virtual Scientific Symposium "[Expansion of the Technical and Technical Support Program for Small Farmers in the Arab World and its Role in Supporting Food Security and Arab Rural Development](#)" Union of Arab Agricultural Engineers, 27/8/2021.
30. Virtual Scientific Symposium "[Architecture and Green Cities and their Importance for Environmental Development](#)" Union of Arab Agricultural Engineers, 8/21/2021.
31. The Virtual Scientific Symposium "[Foreseeing the Arab Food Security Situation, and the Vision of the Arab Organization for Agricultural Development for Development](#)", Union of Arab Agricultural Engineers, 08/15/2021.
32. Virtual Scientific Symposium "[Artificial Mutations and their Role in Increasing and Improving Agricultural Production and Productivity in the Arab World](#)" Union of Arab Agricultural Engineers, 8/8/2021.
33. Scientific symposium "[Development in the fight against osteoporosis and joint diseases and the role of insurance companies](#)", the Syrian Association of Public Health Physicians, Damascus, Syria, 4/8/2021.
34. The Scientific Conference "[Towards a knowledge Economy: The Role of Syrian Researchers at Home and Expatriate](#)" Higher Commission for Scientific Research, Damascus, Syria, 27-29/27/2021.
35. Virtual Scientific Symposium "[Challenges of Agricultural Economic Development by Achieving Food Security in the Arab Region in the Light](#)

36. [of the Corona Pandemic](#)", Union of Arab Agricultural Engineers, 7/17/2021.
37. Virtual Scientific Symposium ["Using nanoparticles for industrial and agricultural waste to remove inorganic pollutants from water"](#) Union of Arab Agricultural Engineers, 7/10/2021.
38. Virtual Scientific Symposium ["Maximizing the Use of Modern Technologies in Wheat Production Chains and Their Impact on Increased Production and Productivity"](#) Union of Arab Agricultural Engineers, 3/7/2021.
39. Virtual Scientific Symposium ["The Economic Importance of Maximizing the Benefit of Nuclear Technologies in the Development of Arab Agriculture"](#) Union of Arab Agricultural Engineers, 6/26/2021.
40. The virtual scientific symposium ["The National Transformation Program for the Kingdom of Saudi Arabia 2030 vision for the initiative to rehabilitate agricultural terraces, rainwater harvesting techniques, and their impact on sustainable agricultural development"](#) Union of Arab Agricultural Engineers, 6/19/2021.
41. Workshop ["Towards Participatory Applied Research"](#), Damascus University, 13th, Damascus, Syria - 17/6/2021.
42. Virtual Scientific Symposium ["Gene Modification and the Future Vision of Genetically Modified Organisms and Its Impact on Arab Agriculture"](#), Union of Arab Agricultural Engineers, 6/11/2021.
43. The Fourth Virtual International Scientific Conference ["Sustainable Development and Its Prospects in the Middle East"](#), the Iraqi Palm Environmental and Agricultural Organization, 27-29/5/2021.
44. Virtual Scientific Symposium ["World Wildlife Day"](#) - Arab Union for Sustainable Development and Environment, 3/3/2021.
45. Virtual Scientific Symposium ["The Response of Barley Hordeum Vulgare L to the Application of Sludge in Soil"](#) Iraqi Genetic and Environmental Resources Conservation Society, 3/3/2021.
46. The second agricultural conference (the first virtual) ["The importance of modern agricultural technologies in enhancing food security"](#), Faculty of Agriculture and the Marshlands / Dhi Qar University, 23-24/2/2021.
47. The Virtual Scientific Symposium ["Methods of Pesticide Residues Analysis in Plants Samples"](#) Iraqi Society for the Conservation of Genetic and Environmental Resources, Baghdad, Iraq, 24/2/2021.
48. The Second International Virtual Scientific Conference on Nanotechnology and its Applications ["We seek nanoscience for a better tomorrow"](#), Mosul, Iraq, 10-11/2/2021.

49. The Virtual Scientific Symposium "[The ant-Cancer Effect of Curcumin](#)" Iraqi Society for the Conservation of Genetic and Environmental Resources, Baghdad, Iraq, 17/2/2021.
50. The Virtual Scientific Symposium "[Arab Traditional Medicine in Syria](#)" Iraqi Society for the Conservation of Genetic and Environmental Resources, Baghdad, Iraq, 27/1/2021.
51. The Virtual Scientific Symposium "[The Syrian Experience in localizing Nanotechnology.](#)" Iraqi Society for the Conservation of Genetic and Environmental Resources, Baghdad, Iraq, 13/1/2021.
52. The Virtual Scientific Symposium "[Silver nanoparticles: definition, characterization, and most important applications.](#)" Iraqi Society for the Conservation of Genetic and Environmental Resources, Baghdad, Iraq, 6/1/2021.
53. The Virtual International Scientific Conference "[International Conference on Nanotechnology and Nanoscience](#)" Tehran, Iran, 30/12/2020.
54. The seventh international scientific conference (the seventh international genetics and environment conference), AGERC Iraq Award, Baghdad, Iraq, 9/12/2020.
55. The training "[Genetic engineering and its applications.](#)" Department of Biotechnology, General Commission for Scientific Agricultural Research, Damascus, Syria, 2/12/2020.
56. Virtual Scientific Symposium "[Webinar on Pharmaceutical Nanotechnology](#)" Paris, France, 26/11/2020.
57. Virtual Scientific Symposium "[The time contract of family farming](#)", Regional Office of the Food and Agriculture Organization of the United Nations (FAO), Cairo, Egypt, 24/11/2020.
58. The Arab Forum "[Discussing the environmental, economic and social impacts of the fires that have affected the environment and economy of our brothers in the Syrian Arab Republic.](#)" Arab Union for Sustainable Development and Environment, Cairo, Egypt, 6/11/2020.
59. International Scientific Conference "[Study, Development, Conservation and Prospects of Effective use of Cotton and other Crops. Biodiversity](#)", Tashkent, Uzbekistan, 20-21/10/2020.
60. International E- Conference on "[Advanced and Future Outlook in Biotechnology and Crop](#)" University of Horticultural Sciences, Bagalkot, College of Horticulture, Bengaluru, India, 24-27/11/2020.
61. Virtual scientific symposium "[Genetically Modified Plants between benefits and risks](#)", New Future Green Company for Fertilizers and Agricultural Fertilizers, Cairo, Egypt, 21/10/2020.
62. Workshop "[The use of biotechnologies to detect drought tolerance genes in barley](#)" ACSAD, Damascus, Syria, 4-8/10/2020.

63. Virtual National Workshop " [Fundamental Concepts and Applications of Research Methodology](#)" Bihar Agriculture University, Sabour, India, 6-7/10/2020.
64. Virtual webinar "[Plant physiological paradigms towards agricultural sustainability under climate change](#)" Bihar Agriculture University, Sabour, India, 15/9/2020.
65. Virtual scientific symposium "[The principles of genetic modification and its role in improving agricultural crops](#)" Palm tree Environmental and Agricultural Organization, 9/9/2020.
66. The Virtual Conference of Syrian Expatriate Researchers 2020 "[Towards a knowledge economy: The Role of Syrian Researchers in the Homeland and Diaspora](#)", higher commission for scientific research, 11-13/August 2020, Damascus, Syria.
67. The conference "[Economy and challenges of the stage](#)", Arab Union for Sustainable Development and Environment, 5/9/2020, Cairo, Egypt.
68. The 3rd International Scientific Conference of Environmental and Agricultural Status in the Middle East from 14-16th July 2020, Cairo, Egypt.
69. The first conference "[Research Methodology and Academic Authorship](#)" Damascus University, Damascus, Syria, 8-9/3/2020.
70. The Scientific day at the College of Pharmacy "[Biotechnology Trends in Health and Disease](#)", Damascus University, Damascus, Syria, 30/12/2019.
71. The workshop "[Challenges and Innovations in Nanotechnology workshop](#)", Arab School for Science and Technology ASST, Damascus, Syria, 18-19/12/2019.
72. The First Scientific Conference on Nutrition "[Our Food Pyramid Our Medicines](#)", Damascus, Syria, 5-6/12/2019.
73. The First Conference on Food Technology "[Prospects for Applying Biotechnologies for Food Safety and Processing](#)", Faculty of Agricultural Engineering, Damascus University, Damascus, Syria, 14-15/10/2019.
74. International scientific and practical conference "[Innovation in use of agrobiodiversity for sustainable agriculture development](#)", Tashkent, Uzbekistan, 25-26/9/2019.
75. The First Scientific Conference for Syrian Expatriate Researchers entitled "[Towards a Knowledge Economy for Post-War Syria: The Role of Syrian Researchers at Home and Expatriates](#)". Assad National Library, Damascus, Syria, 7-9/8/2019.
76. Scientific Conference "[Engineering scientific research to support development and reconstruction](#)" Faculty of Civil Engineering, Al-Baath University, Homs, Syria, 10-12/6/2019.

77. Scientific symposium "Use of Biotechnologies in Agricultural Production" Agricultural Scientific Research Center, Lattakia, Syria, 26-2-2019.
78. Second Economic Conference "Integrated Social and Economic Construction" Mother Syria Assembly, Damascus, Syria, 22/1/2019.
79. Training "Neuro Linguistic Programming" Center for Management and Productivity Development, Damascus, Syria, 21-25/10/2018.
80. The First Scientific Conference on Food and Consumer Health, Consumer Protection Association, Damascus, Syria, 16/10/2018.
81. Training "Radiation sterilization in the face of the challenges of marketing and trading of medical and food products produced locally" Atomic Energy Commission of Syria, Damascus, Syria 10/9/2018.
82. Training "Applications of biotechnology in plant genetic improvement" General Commission for Scientific Agricultural Research, Damascus, Syria, 3/9/2018.
83. Scientific Symposium "Applications of biotechnology in agriculture and food", Al-Baath University, Homs, Syria, 9\5\2018.
84. The 12th Scientific Conference of General Commission for Scientific Agricultural Research, Damascus, Syria, 28 to 30\4\2018.
85. Training "Path Analysis" General Commission for Scientific Agricultural Research, Damascus, Syria, 23 to 25/1/2018.
86. Training "Principles of Molecular Biology and its Applications" General Commission for Scientific Agricultural Research, Damascus, Syria, 15-19\10\2017.
87. Training "Food-manufacturing, conservation and quality" Rehabilitation and Training Department, Ministry of Agriculture and Agrarian Reform, Damascus, Syria, 30/7/2017 to 3/8/2017.
88. Training "Biotechnology and its Application" Research Center of Damascus Suburb, General Commission for Scientific Agricultural Research, 28/3/2017 to 30/3/2017.
89. Training "Plant Extracts- Importance and their Uses" Rehabilitation and Training Department, Ministry of Agriculture and Agrarian Reform, Damascus, Syria, 25-26 October 2016.
90. Training "Training of Trainer" Rehabilitation and Training Department, Ministry of Agriculture and Agrarian Reform, Damascus, Syria, 9-20 October 2016.
91. Training "Statistical Analysis by using GenStat Program" General Commission for Scientific Agricultural Research" Damascus, Syria, 3 October to 5 October 2016.
92. Training "Biotechnology and its Application" Department of Biotechnology, General Commission for Scientific Agricultural Research" Damascus, Syria, 28 August to 1 September 2016.

93. [The Eleventh Scientific Conference of General Commission for Scientific Agricultural Research - \(GCSAR\)](#), Damascus, Syria, 22-24/5/2016.
94. [Third Environmental Research Conference "Environmental Challenges and Methods of Treatment"](#) Damascus, Syria, 30 November-3 December 2015.
95. [National workshop on "Cotton crop management from production to marketing"](#) Damascus, Syria, 18-19/06/2015.
96. [International Symposium on Biotechnology and Conservation of Species from Arid Region – \(ISBCSAR\)](#), Muscat, Oman, 10-13, Feb 2013.
97. [The 10th International Symposium on Biocontrol and Biotechnology](#), Harbin, P. R. China, Dec 27-30, 2012.
98. [International Conference on Biology, Environment and Chemistry – ICBEC](#), UAE, Dubai, 28-30 Dec 2011.
99. [International Symposium on “Global Cotton Production Technologies vis-à-vis Climate Change”](#) Haryana –India, 10-12 Oct 2012.
100. [International Conference on “World Cotton Research Conference”](#) Mumbai-India, 7-11 Nov 2011.
101. [“International Congress on Applied Biology”](#) Mashhad, Iran, 1-2, Sept 2011.
102. [“Annual Conference of the German Genetics Society”](#) Wurzburg, Germany, 14-16, Sept 2011.
103. [National seminar on” Contemporary Approaches to Crop Improvement”](#) Bangalore, India, 22-23 April 2011.
104. [“International Conference on Mathematical and Computational Biology \(ICMCB\)”](#), Malacca, Malaysia, 12-14 April 2011.
105. [International Workshop on “Strengthening of rural families through empowerment by introducing food security through production, processing and value addition of regional staple food grains”](#) Dharwad-India, 13-15 Dec 2010.
106. [National seminar in” 2nd Annual Biotechnology conference for Students \(ABCS\)”](#) Pune - India, 13-14 Nov 2010.
107. [International Symposium in “8th international symposium on Biocontrol and Biotechnology”](#) Pattaya- Thailand, 4-6, Oct 2010.
108. [Training on “Basic molecular techniques”](#) Bangalore-India, 6-17, March 2008.

**Completed Master’s Research Projects under My
Supervision**

(CV) Dr. Yanal Ahmad Alkuddsi (PhD)

- ❖ DNA Methylation Patterns of Behavioral Disorders: A Cross-trait Analysis. Research prepared for obtaining a master's degree in bioinformatics, Syrian Virtual University. Seed Saado and Yanal A. Al- Kudssi, 2025.
- ❖ In-Silico Design of Multi-epitope Vaccine for H5N1 Virus Using Immunoinformatic Tools. Research prepared for obtaining a master's degree in bioinformatics, Syrian Virtual University. Hesham Alkhateeb and Yanal A. Al- Kudssi, 2025.
- ❖ The Role of Bioinformatics in Determining Genes Responsible for Certain Hereditary Dental Diseases. Research prepared for obtaining a master's degree in bioinformatics, Syrian Virtual University. Karla Ziade and Yanal A. Al- Kudssi, 2025.
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