

## Curriculum Vitae

Dr. Huda Zuheir Majeed

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### PERSONAL SUMMARY:

I am interested in :

- - Bacterial species that are not so common and their biological products
- - Effect of biological bacterial products on other pathological bacterial species

### EDUCATION:

- Ph.D. #1: A Comparative diagnosis study for *Streptococcus pneumoniae* isolated from children with meningitis using cultural and molecular methods. Baghdad University- College of Science for Women – Biology Department (2012)
- M.Sc. #2: Factors affecting on hemolysin production from pathogenic bacteria isolated from diabetes patient's urine and its resistance to some antibiotics. Al-Mustansiriya University – College of Science – Biology Department (2006)
- B.Sc. #3 : Al-Mustansiriya University – College of Science- Biology Dep. (2003)

### ACADEMIC /TEACHING EXPERIENCE:

- Genetic engineering, Microbiology , Bacterial Physiology , Microbial Genetics

### PUBLICATIONS:

- Papers.
- Occurrence of pneumococcal meningitis in Iraq. Journal of Baghdad for Science (2012), Vol. 9(3):466-470.
- CFS and Crude Bacteriocin of *Lactococcus* against growth and biofilm formation for some pathogenic bacteria (2015) Int. J. Current Microbiol. Appl. Sci. ,4(7):35-42.

- Efficiency of Lactic Acid Bacteria as biological control agents against some Fungi (2015) (Al-Mustansiriyah University of Science magazine) (Acceptance only till now).
- Antimicrobial activity of Eco-friendly silvernanoparticles Synthesized by *Saprolegnia ferax* (2015) World J. Exp. Biosci. Vol.3 No.2:118-122.
- Study of Biosynthesis Silver nanoparticles by *Fusarium graninaerum* and test their antimicrobial activity (2016) International Journal of Innovation and Applied studies – Morocco ,Vol. 15 No. 1 Mar. , pp. 43-50

## PROFFESIONAL DEVELOPMENT

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- Conferences.
- Detection of Autolysin, pneumolysin and pneumococcal surface adhesion A genes among *Streptococcus pneumoniae* causing bacterial meningitis in children (2011).The 1<sup>st</sup> International Conference of Genetic Engineering by Baghdad University - Institute of Genetic Engineering and Biotechnology for Past Graduate Studies. 23-24 November.
- Detection of *Streptococcus pneumoniae* causing bacterial meningitis by molecular ways for detection of virulence factor autolysin *lytA* (2015)1<sup>st</sup> international Conference for Biological Sciences. Baghdad University- College of Science for Women.
- Comparision between CFS and Biosurfactant of *Lactobacilus acidophilus* effects on *Ps. aeruginosa* .(2016).3<sup>rd</sup> International Scientific Conference of Medical and Health Specialties ,23-24 March 2016 Baghdad. Middle Technical University, Institute of Medical Technology – Baghdad.
- Antimicrobial activity of Silver nanoparticles synthesized From Banana's Peel extract (2016) The 1st International Conference of Natural Science (ICNS 2016) from 11<sup>th</sup> – 12<sup>th</sup> July 2016,Charmo University - Chamchamal – Sulaimani Kurdistan Region – IRAQ
- Workshops.
- Educational Workshop about Diabetes (Diabetes and its effect on general health) Al-Mustansiriyah University – College of Science- Biology Dep. 2015
- Workshop of Biological , Chemical , Radiological and Nuclear Safety and Security in college laboratories at Al-Mustansiriyah University – College of Science with cooperation of CBRN team 2015
- Workshop of Alternative and modern methods in diseases treatment – Baghdad University- College of Science for Women 2016
- Workshop of Evaluation and management of hypertension- Baghdad University- Al-Kindy College of Medicine 2016

السيرة الذاتية

أ.م.د. هدى زهير مجيد

الجامعة المستنصرية – كلية العلوم- قسم علوم الحياه

البريد الرسمي: hudazuheir@uomustansiriyah.edu.iq

نبذة مختصره :

انا مهتمه بالانواع البكتيرييه غير الشائعه ونواتجها البيولوجيه ، وتأثير هذه النواتج البكتيرييه على الأنواع البكتيرييه المرضيه الأخرى.

الشهادات الحاصله عليها :

شهاده الدكتوراه عن الرساله المعنونه ( A Comparative diagnosis study for *Streptococcus pneumoniae* isolated from children with meningitis using cultural and molecular methods ) في عام 2012 من جامعه بغداد كلية العلوم للبنات- قسم علوم الحياه.

شهاده الماجستير عن الاطروحه المعنونه ( Factors affecting on hemolysin production from pathogenic bacteria isolated from diabetes patient's urine and its resistance to some antibiotics ) في عام 2006 من جامعه المستنصريه كلية العلوم- قسم علوم الحياه.

شهاده البكلوريوس في عام 2003 من جامعه المستنصريه كلية العلوم- قسم علوم الحياه.

المواد الدراسيه التي قمت بتدريسها:

هندسه وراثيه ، احياء مجهرية ، فسلجه بكتريا ، وراثه احياء مجهرية

البحوث المنشوره

- Occurrence of pneumococcal meningitis in Iraq. Journal of Baghdad for Science (2012), Vol. 9(3):466-470.
- CFS and Crude Bacteriocin of *Lactococcus* against growth and biofilm formation for some pathogenic bacteria (2015) Int. J. Current Microbiol. Appl. Sci. ,4(7):35-42.
- Efficiency of Lactic Acid Bacteria as biological control agents against some Fungi (2015) (Al-Mustansiriyah University of Science magazine) (Acceptance only till now).

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- Detection of Autolysin, pneumolysin and pneumococcal surface adhesion A genes among *Streptococcus pneumoniae* causing bacterial meningitis in children (2011).The 1<sup>st</sup> International Conference of Genetic Engineering by Baghdad University - Institute of Genetic Engineering and Biotechnology for Past Graduate Studies. 23-24 November.
- Detection of *Streptococcus pneumoniae* causing bacterial meningitis by molecular ways for detection of virulence factor autolysin *lytA* (2015)1<sup>st</sup> international Conference for Biological Sciences. Baghdad University- College of Science for Women.
- Comparision between CFS and Biosurfactant of *Lactobacilus acidophilus* effects on *Ps. aeruginosa* .(2016).3<sup>rd</sup> International Scientific Conference of Medical and Health Specialties ,23-24 March 2016 Baghdad. Middle Technical University, Institute of Medical Technology – Baghdad.
- Antimicrobial activity of Silver nanoparticles synthesized From Banana's Peel extract (2016) The 1st International Conference of Natural Science (ICNS 2016) from 11<sup>th</sup> – 12<sup>th</sup> July 2016,Charmo University - Chamchamal – Sulaimani Kurdistan Region – IRAQ
- Workshops.
  - Educational Workshop about Diabetes (Diabetes and its effect on general health) Al-Mustansiriyah University – College of Science- Biology Dep. 2015
  - Workshop of Biological , Chemical , Radiological and Nuclear Safety and Security in college laboratories at Al-Mustansiriyah University – College of Science with cooperation of CBRN team 2015
  - Workshop of Alternative and modern methods in diseases treatment – Baghdad University- College of Science for Women 2016
  - Workshop of Evaluation and management of hypertension- Baghdad University- Al-Kindy College of Medicine 2016
  - Workshop of Communication skills in practice- Baghdad University- Al-Kindy College of Medicine 2016