

**Name:** Dr. Ban Oday Abdulsttar

**Contact details:**

E.mail: banoday@uomustansiriyah.edu.iq

**Biography:**

B.Sc in Microbiology, Biology department/College of Science/ Baghdad University, 1995.

M.Sc in Medical Microbiology, Microbiology department/ College of Medicine/ Baghdad University, 2008.

PhD in Microbiology/Virology, School of Biological Sciences/ University of Reading/UK, 2017.

**Academic experience**

- 1- Lab assistant from 2001-2008
- 2- Assistant lecturer from 2008-2011
- 3- Lecturer from 2011 to present.

**Teaching**

- 1- Entomology lab.
- 2- Pathogenic bacteriology lab
- 3- Genetic engineering lab.
- 4- Clinical analysis lab.
- 5- Pathogenic bacteriology
- 6- nanotechnology

**Publication:**

1-Ban A.Abul-Sattar (Comparative study on the effect of antibiotics and non antibiotics therapy (phytotherapy) on *E.coli* & *Klebsiella* isolated from urinary tract infection) journal of the college of education (2009) no.1, p:195-200.

2- Ban A.Abul-Sattar, Duaa S.Shawket, Afrah M. Hassan Salman (Study of antibiotics sensitivity test of *Lactobacillus* on two different media.ALMUSTANSIRIYA JOURNAL OF PHARMACEUTICAL SCIENCE,(2011)vol.9,no.1,p:192-198.

3-Ikram A.Khaki, Ban A.Abul-Sattar.Zahraa Q. Ali (Comparative study on the effect of antibiotics and non antibiotics therapy (phytotherapy) on some bacteria isolated from urinary tract infection. IRAQI POSTGRADUATE MEDICAL JOURNAL THE OFFICIAL JOURNAL OF IRAQI BOARD for medical specializations (2011) vol.10, no.1, p.116-119.

4- Ban A.Abul-Sattar, Ali M.Hasan (Inhibitory effect of Pomegranate (*Punica granatum L.*) Juice against some Gram positive and Negative bacteria.(2011) AL-MUSTANSIRIYAH, *Journal of Science*, vol22, no4.

5- Ban A.Abul-Sattar, Khalida K. Al-Kareemi, Sinan E. Saeed Antifungal Activity of Diacetyl Compound against *Candida* Isolates in Vitro.(2012) *Journal of the College of Basic Education*. vol.18, No 75.p:67-74

6- Ban A. Abdul sattar; A.M. Hasan ; A.S.Hassan. In Vitro Antimicrobial Activity of *Thymus vulgaris*, *Origanum vulgare* and *Rosmarinus officinalis* Against Dental Caries Pathogens.(2012). IBN AL-HAITHAM JOURNAL for pure and applied science. vol.25, no 2, p:33-39

7-Ban A. Abdulsattar, Khalida K. Al-Kareemi, Ateka A. Jassim . Percentage of Rotavirus infection in stool of pediatric patients at Children Welfare Teaching Hospital in Baghdad (2012). Journal of faculty of medicine, Baghdad University, Volume: 54 Issue: 4 Pages:349-352.

8-Alexander J. A. Cobb, Antonio Dell'Isola Ban O. Abdulsattar, Matthew M. W. McLachlan, Benjamin W. Neuman, Christin Müller, Kenneth Shankland, Hawaa M. N. Al-Mulla, Alexander W. D. Binks and Warren Elvidge. Synthesis and antiviral activity of novel spirocyclic nucleosides (2018), *New journal of chemistry*, 42, 18363--18380

9- Layla T.Yassen, Saad L. Hamed, Ban O. Abdulsattar (2020) Molecular characterization of CTX-M-15  $\beta$ -lactamase from clinical isolate of *Klebsiella pneumoniae* SJ1, *Journal of International Pharmaceutical Research*, 46(6): 119-126

10- Ban O. Abdulsattar, Nadal A. Al-Saryi, Mohammad H. Abbas,

- 10- Abdul-Rahman A. Abdulhusein. (2020). Isolation and purification of Escherichia coli bacteriophage from Tigris River, Baghdad, Iraq. *Gene Reports* 19.
- 11- Mutlk, S. T., Abdulsattar, B. O., & Yassen, L. T. (2020). Article Review: Phage Therapy is a Potential Alternative for Antimicrobial Agents. *dynamics*, 14(2), 11-15.
- 12- Salman, J. A. S., Mahmood, N. N., Abdulsattar, B. O., & Abid, H. A. (2020). The effectiveness of probiotics against viral infections: a rapid review with focus on SARS-CoV-2 infection. *Open Access Macedonian Journal of Medical Sciences*, 8(T1), 496-508.
- 13- Mutlk, S. T., Abdulsattar, B. O., & Jones, I. M. (2021). The Pandemic of COVID-19: Current Scheme of Iraq (24 February-8 August 2020). *Rafidain Journal of Science*, 30(1), 11-17.
- 14- Abdulsattar, J. O., Mutlk, S. T., & Abdulsattar, B. O. (2021). Coronavirus Current and New Potential Therapeutic Targets: A Review. *Journal of University of Anbar for Pure Science*, 15(2), 1-10.
- 15- Yassen, L. T., Alhuseini, L. B., Abdulsattar, B. O., & Kouhsari, E. (2021). Frequency of bla IMP, bla NDM, bla KPC, and bla VIM carbapenemase-encoding genes among gram-negative bacteria isolates from hospitalized patients in Baghdad City, Iraq. *Journal of Biotech Research*, 12.
- 16- Abdulkareem, E. A., Abdulsattar, J., & Abdulsattar, B. (2022). Iron (II) determination in lipstick samples using spectrophotometric and microfluidic paper-based analytical device ( $\mu$ PADs) platform via complexation reaction with iron chelator 1, 10-phenanthroline: A comparative study. *Baghdad Sci. J*, 19(2), 355-367.
- 17- Abdulhusein, A. A., & Abdulsattar, B. O. (2022). Isolation and characterization of two novel phages as a possible therapeutic alternative against multi-drug resistant E. coli. *Gene Reports*, 28, 101644.
- 18- Abdulhusein, A. A., & Abdulsattar, B. O. (2023). Identification and Characterization of a Bacteriophage with Lytic Activity against Multidrug Resistant E. coli. *Al-Mustansiriyah Journal of Science*, 34(1), 24-31.

## **Conferences**

- 1- A novel approach in gene therapy by using directed evolution to generate antiviral drug. Society of General Microbiology annual conference 2015. The international convention centre Birmingham, UK. Presented poster.
  
- 2- Suppression of MHV infectivity by virus proteins and dominant negative mutants. Society of General Microbiology annual conference 2016. ACC Liverpool, UK. Presented poster.
  
- 3- A novel approach in gene therapy by using directed evolution to generate antiviral drug. Society of General Microbiology annual conference 2017. The Edinburgh International Conference Centre (EICC), Edinburgh, UK. Presented poster.

الاسم: ا.م.د. بان عدي عبد الستار

التواصل

الايمل

[banoday@uomustansiriyah.edu.iq](mailto:banoday@uomustansiriyah.edu.iq)

السيرة الذاتية

بكالوريوس/ احياء مجهرية/ قسم علوم الحياة/ كلية العلوم /جامعة بغداد/ ١٩٩٥

الماجستير/ احياء مجهرية طبية/ قسم الايياء المجهرية/ كلية الطب/ جامعة بغداد ٢٠٠٨

الدكتوراه الاحياء المجهرية/ العلاج الجيني/ جامعة ريدينك/ انكلترا/ ٢٠١٧

الخبرة الاكاديمية

مساعد مختبر ٢٠٠١ / ٢٠٠٨

مدرس مساعد ٢٠٠٨ / ٢٠١١

مدرس ٢٠١١ / ٢٠٢٠

استاذ مساعد ٢٠٢٠ الى الان

التدريس

١ . مختبر الحشرات العام

٢ . مختبر بكتريا مرضية

٣ . مختبر هندسة وراثية

٤ . مختبر تحليلات مرضية

٥ . بكتريا مرضية نظري

٦ . تقانة نانوية نظري

٧ . منهج بحث نظري

٨ . هندسة وراثية نظري