

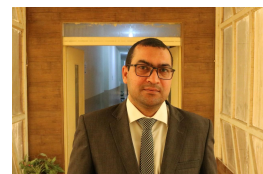


**Waleed kamil abdukkadhim**

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### **Academic Qualifications**

**07/2019 - date**

**PhD**

Applied Physics Division, Applied Science Department, University of Technology, Baghdad, Iraq

**Doctoral Thesis:** " *Synthesis and Characterization of Fe<sub>3</sub>O<sub>4</sub> and Fe<sub>3</sub>O<sub>4</sub> Capped PEG Magnetic Nanoparticles and Study Its Medical Applications* "

**06/ 2011 – 6/2013**

**Master of Nanotechnology**

Department of Nanotechnology  
bamboo university, India

**Master's Thesis:** " Effect of Ag Doping on Grains Size and Optical Properties of Tio<sub>2</sub> Nanoparticles Synthesized by Sol-gel Method "

**02/2006- 11/2010**

**Bachelor of Science (Department of physics)**

Wasit University, wasit , Iraq

### **Scholarships and Awards**

12/2011:Nanotechnology: fundamentals and applications ; Vinayakrao by Dept. of physics ,V.P.COLLEGE, Vaijiapur.

2/2012:National workshop on nanotechnology and intellectual property rights and patents science and technology from nanotechnology perspectives. bamboo university, India

25-26/2/2012 :Instrumental techniques in chemical sciences, by Indian Academy of Science-Banglore.

### **Professional Profile**

- 1- Synthesis the Nanomaterials and applications them in some the fields.
- 2-Working knowledge of Word, Excel, PowerPoint .
- 3- Use the UV-visible instrument.

## Employment History – General

**2009-2019**

**Iraqi Ministry of Education.**

**2019 - Ministry of Higher Education and Scientific Research – Iraq. Department of pathological analyzes ,college Science, University of wasit.**

## Publications

- Polyethylene glycol-functionalized magnetic (Fe<sub>3</sub>O<sub>4</sub>) nanoparticles: A good method for a successful antibacterial therapeutic agent via damage DNA molecule. Waleed K. Abdul kadhim, Uday M. Nayef, Majid S. Jabir. Surface Review and Letters, 1950079 (15 pages), DOI: 10.1142/S0218625X19500793.

- Polyethylene Glycol-Functionalized Magnetic (Fe<sub>3</sub>O<sub>4</sub>) Nanoparticles: A Novel DNA-Mediated Antibacterial Agent. Majid Sakhi Jabir , Uday Muhsen Nayef , Waleed Kamel Abdul Kadhim , Nano Biomed. Eng., 2019, Vol. 11, Iss. 1, 2019, 11(1): 18-27. doi: 10.5101/nbe.v11i1.p18-27.

- A study of kidney parameters in mice induces by super magnetic Fe<sub>3</sub>O<sub>4</sub> nanoparticles capped with PEG. Abdulkadhim Waleed, Jabir Majid and Nayef Uday .Research Journal of Biotechnology, Vol. 14 (Special Issue I) March (2019).

- Supermagnetic Fe<sub>3</sub>O<sub>4</sub>-PEG nanoparticles combined with NIR laser and alternating magnetic field as potent anti-cancer agent against human ovarian cancer cells. Majid S. Jabir, Uday M. Nayef, Waleed K. Abdulkadhim, Ghassan M. Sulaiman. Materials Research Express. <https://doi.org/10.1088/2053-1591/ab50a0>.

- Fe<sub>3</sub>O<sub>4</sub> Nanoparticles Capped with PEG Induce Apoptosis in Breast Cancer AMJ13 Cells Via Mitochondrial Damage and Reduction of NF-κB Translocation. Majid S. Jabir · Uday M. Nayef · Waleed K. Abdulkadhim · Zainab J. Taqi · Ghassan M. Sulaiman · Usama I. Sahib · Ahmed M. Al-Shammari · Yu-Jen Wu · Mohamed El-Shazly · Ching-Chyuan Su. Journal of Inorganic and Organometallic Polymers and Materials <https://doi.org/10.1007/s10904-020-01791-4>.

## **Presentations**

- " Nanotechnology and its applications in medicine" by Dr.waleed kamil abulkadhim , Department of pathological analyzes ,college Science, University of wasit.28-5-2020

## **Interests**

**The reading and writing and researching**

*Thank you*