

Lecturer Dr. Thura Mohammed Hasan  
Department of Biology

Lecturer  
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Education:  
PhD, University of Baghdad, 2018



#### Profile:

Al-Farabi University College / Member of the Department Board - Department of Biology 2021 - until now

Al-Farabi University College / Member and Rapporteur of the Scientific Committee - Department of Biology 2018-2021

Al-Farabi University College / Member of the Information Technology Committee for the Department of Biology 2018-2019

Al-Farabi University College / Member of the E-Learning Committee for the Department of Biology 2019 - 2020

Al-Farabi University College / Member of the Examination Subcommittee for the Department of Biology 2019-2021

#### Teaching

1. **Ecology course:** Ecology is the study of the interactions between living organisms and their environment. This course introduces the basic principles of ecology, including the concepts of natural selection, population and community ecology, biodiversity, sustainability, and other related topics.
2. **Pollution Course:** This course studies the most common pollutants in the environment, including heavy metals, pesticides Pests, carcinogens, and other industrial products in living organisms (humans, plants, and animals) and their effects on the population and ecosystem level. The laboratory course includes experiments to detect polluting chemicals compounds.

#### Research Focus

- ❖ **Environmental Health:** focuses on the relationships between people and their environment; It promotes healthy and safe communities. The field of environmental health includes five major specializations:
  - ✓ Environmental Epidemiology,
  - ✓ Toxicology,
  - ✓ Exposure Science,
  - ✓ Environmental Legislation and Laws,
  - ✓ and Environmental Engineering.

#### Publications

1. A patent on a cure for lead poisoning. Republic Of Iraq Ministry Of Planning/ Central Organization for standardization and Quality Control function/ Industrial Property Department, 2017.
2. T AL-Yasiri, SMM Alchalabi. Use Of C-phycoyanin To Reduce The Toxicity Of Arsenic On Rats. Natural Volatiles and Essential Oils, 2021; 8(4): 4460-4471
3. TMH Alyasiri, IK Al-Mayaly, MMALC Salah. In vitro and In vivo Antibacterial Activity of Spirulina platensis. Current Research in Microbiology and Biotechnology, 2017; 5(4): 1178-1183.
4. T Alyasiri, S Alchalabi, I AlMayaly. In vitro and In vivo Antioxidant Effect of Spirulina platensis against Lead-Induced Toxicity in Rats. Asian J Agri & Biol, 2018, 6(1), 66-77.