

Curriculum Vitae

OdeyBsharat

Lecturer

Department of Chemistry

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An-Najah National University



PERSONAL

- **Full Name:** OdeyFalah FarehBsharat
- **Nationality:** Palestinain
- **Social Status:** Engaged
- **Languages:** Arabic & English
- **Current address:** Department of Chemistry, An-Najah National University
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EDUCATION

- 2017**M.S., Organic Chemistry, King Fahd University of Petroleum & Minerals (KFUPM), Saudi Arabia. **1st Rank**, 3.96 GPA.
- 2013** B.S., Chemistry, An-Najah National University, Nablus, Palestine, 3.96 GPA.

SPECIALIZATION

- Bioorganic chemistry
- Biocatalysis
- Asymmetric synthesis

EMPLOYMENT

- 2017–Now** Lecturer, Department of Chemistry, An-Najah National University, Nablus, Palestine.
- 2013–2015** Research/Teaching Assistant, Department of Chemistry, An-Najah National University, Nablus, Palestine.

AWARDS

- **2017** First rank among those graduated from MS program from the department of chemistry at King Fahd University of Petroleum & Minerals (KFUPM) in the year 2017.
- **2013** First rank among those graduated from B.S. program from the department of chemistry at An-Najah National University in the year 2013.

IT EXPERIENCE

- **Operating systems:** Windows, Mac
- **Software:** Excel, Origin, ChemDraw, , PowerPoint, Word

TEACHING

- CHEM 107: General ChemistryLAB
- CHEM 236: Organic Chemistry for Health Science
- CHEM 239 LAB: Organic Chemistry I LAB

RESEARCH

RESEARCH INTEREST

- Asymmetric synthesis using biocatalysis
- Alcohol dehydrogenase-catalyzed transformations

PUBLICATIONS

in preparation:

- [1] **Bsharat, O.**;Musa, M. M.*; Karume, I.; Vieille, C.; Oladepo, S.; Takahashi, M.; Hamdan, S. "Expanding substrate specificity of *Thermoanaerobacter ethanolicus* secondary alcohol dehydrogenase by dual site mutation" manuscript in preparation

Published:

- [2] **Bsharat, O.**; Musa, M. M.; Oladepo, S.; Takahashi, M.; Vieille, C.; Hamdan S. M.; "Asymmetric reduction of substituted 2-tetralones by *Thermoanaerobacter ethanolicus* secondary alcohol dehydrogenase" " *ChemCatChem***2017**, in press
- [3] Karume, I.;Musa, M. M.; **Bsharat, O.**; Takahashi, M.; Hamdan S. M.; El Ali, B. "Dual enzymatic dynamic kinetic resolution by *Thermoanaerobacter ethanolicus* Secondary Alcohol Dehydrogenase and *Candida antarctica* Lipase B" *RSC Advances***2016**, *6*, 96616-96622.
- [4] Al-Noaimi, M.; Suleiman, M.; Darwish, H. W.; Bakheit, A. H.; Abdoh, M.; Saadeddin, I.; Shivalingegowda, N.; Lokanath, N. K.; **Bsharat, O.**; Barakat, A.; Warad, I. *Bioinorg. Chem. Appl.***2014**, *2014*.

REFERENCES

Prof. Musa M. Musa (M.S. Advisor)

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