



# Hyder Najy Resun Al Zobaidy

حيدر ناجي رسن راضي الزبيدي

Assistant Professor

## PROFILE

Professor Hyder Najy is an academic and researcher specializing in Food Science at the College of Agriculture, Wasit University. He holds a PhD in Food Science, with a focus on food enzymes and their role in improving the quality and functional properties of food products. His research interests include enzyme activity and their applications in food processing and preservation, particularly in enhancing quality and shelf life. He has experience in university teaching, curriculum development, and academic supervision, and has published research in peer-reviewed scientific journals.

## ACADEMIC TITLES

2025-03-17	Professor
2017-09-03	Associate Professor
2010-10-10	Lecturer
2006-05-15	Assistant Professor

## TEACHING EXPERIENCE

**lecturer**  
College of Medicine-Wasit University  
2006-10 - 2008-05

**lecturer**  
College of Science -Wasit University  
2008-06 - 2009-05

**Professor**  
College of Agriculture-Wasit University  
2009-05 - Present

## COURSES

- Engineering Workshops
- Biochemistry
- Biochemistry

## ADMINISTRATIVE POSITIONS

2025-02-02 - Present	Head of the Food Science department
2019-08-08 - 2022-03-31	Vice dean for Scientific affairs

## PUBLICATIONS ( 14 )

1. **Revolutionizing White Cheese: Enhancing Quality and Extending Shelf Life Using Enzymatically Modified Nanocellulose-Chitosan Coating**  
*Journal of Packaging Technology and Research* 9 (3), 179-186, 2025 | 2025 | Cited: 1

## CONTACT

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## EDUCATION

دكتوراه (27-09-2015)  
Food enzymes  
Baghdad

## RESEARCH METRICS

h-index (Scopus)	1
h-index (GS)	3
Citations (Scopus)	7
Citations (GS)	32
Documents (Scopus)	3
Documents (GS)	11

## RESEARCH INTERESTS

- Food science



2. **In Silico Design and Molecular Docking of Flavone Compounds as Potential Enzyme Inhibitors Targeting Pseudomonas aeruginosa RmlA Enzyme in Fish Pathogenesis**  
*Egyptian Journal of Aquatic Biology & Fisheries* 29 (1), 707-724, 2025 | 2025
3. **Isolation, Purification, and Characterization of Protease from a Local Bacillus Strain Adapted to Extreme Temperatures in Southern Iraq: BACILLUS PROTEASE & CLIMATE CHANGE&nbsp;...**  
*Journal of Scientific & Industrial Research (JSIR)* 83 (7), 741-747, 2024 | 2024 | Cited: 2
4. **Isolation, Purification, and Characterization of Protease from a Local Bacillus Strain Adapted to Extreme Temperatures in Southern Iraq**  
*Journal of Scientific and Industrial Research* | 2024
5. **FORTIFICATION OF THICK YOGURT WITH MINT (MENTHA SPICATA L.) LEAVES EXTRACT**  
*biochemical and cellular archive* 20 (1), 1679-1684, 2020 | 2020 | Cited: 11
6. **Total Phenolic Content, Microbial Content and Sensory Attributes Evaluation of White Soft Cheese Incorporated With Mint (Mentha spicata) Leaf Extract**  
*Journal of Agriculture and Veterinary Science (IOSR-JAVS)* 10 (Issue 6 Ver&nbsp;..., 2017 | 2017 | Cited: 5
7. **CHARACTERIZATION OF L-ASPARAGINASE PURIFIED FROM POLE BEANS.**  
*Iraqi Journal of Agricultural Sciences* 47 (1), 2016 | 2016 | Cited: 8
8. **Occurrence of Acrylamide in selected Iraqi bakery products and mitigation by partially purified L-Asparaginase**  
*Journal of the College of Basic Education* 22 (93), 37-48, 2016 | 2016 | Cited: 1
9. **CHARACTERIZATION OF L-ASPARAGINASE PURIFIED FROM POLE BEANS**  
*Iraqi Journal of Agricultural Science* | 2016
10. **Occurrence of Acrylamide in selected Iraqi bakery products and mitigation by partially purified L-Asparaginase**  
*journal of the college of basic education* 22 (93), 37-48, 2016 | 2016 | Cited: 1
11. **DETECTION OF FUNGI AND FUMONISIN B1 IN LOCAL RICE AND EVALUATING SOME DETOXIFICATION METHODS**  
*Journal of Wasit for Science and Medicine* 3 (2), 92-101, 2010 | 2010 | Cited: 2
12. **Effect of processing on concentration of Ochratoxin A in rice and use of some physical methods to detoxification of it**  
*IRAQI JOURNAL OF AGRICULTURAL SCIENCES* 37 (4), 117-122, 2006 | 2006 | Cited: 2
13. **استخدام بعض الطرائق الفيزيائية (الموجات الدقيقة والطبخ) تأثير عملية تصنيع حبوب الرز في تركيز سم أوكرا لإزالة سميته**  
*Iraqi Journal of Agricultural Sciences* 37 (4), 2006 | 2006
14. **EXTRACTION AND PURIFICATION OF L-ASPARAGINASE FROM POLE BEANS (PHASEOLUS VULGARIS L)**  
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