

## Dr. Hessah Alotaibi

Assistant professor

### Personal Data:

Nationality | Saudi  
Date of Hire | | 5/08/2015  
Date Rank Obtained | 3/10/2024  
Department | Biomedical Engineering  
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### Education:

Academic Degree	Major	specialty	Place of Issue	Address	Date
Doctorate (PhD)	Biomedical Engineering	Biomaterials	University College London	Gower Street, London, WC1E 6BT	28/07/2024
Masters (M.Sc.)	Biomaterial and Tissue engineering	Biomaterials	University College London	Gower Street, London, WC1E 6BT	01/11/2018
Bachelor (B.Sc.)	Biochemical – Biotechnology engineering		International Islamic university	Jln Gombak, 53100 Kuala Lumpur, Selangor, Malaysia	25/07/2013

### PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions):

PhD	Development of Antimicrobial Cyclodextrin Metal-Organic Frameworks Polycaprolactone-Based Mixed Matrix Membrane for Biomedical Applications
Master	Electrospinning of laponite based nanofibers

### Experiences:

Title of Job	Address of Work	Country	Date	
Process Engineer	Saudi Aramco Total Refining and Petrochemical Co	Saudi Arabia	From	April 2014
			To	June 2015
Teaching Assistant	King Faisal University	Saudi Arabia	From	August 2015
			To	November 2019
Lecturer	King Faisal University	Saudi Arabia	From	November 2019



			To	October 2024
Assistant professor	King Faisal University	Saudi Arabia	From	October 2024
			To	Present

#### Research Interests:

1. Biomaterials
2. Tissue Engineering
3. Metal organic frameworks

#### Publications:

#	Name of author(s)	Title of Publication	Publisher and Date of Publication	Link of Publication
1	Hessah Alotaibi, Etelka Chung, Se Hun Chung, Guogang Ren, Vikramjeet singh, Jie Huang	Sustainable $\gamma$ -cyclodextrin frameworks containing ultra-fine silver nanoparticles with enhanced antimicrobial efficacy	Carbohydrate polymers	<a href="#">Click Here</a>

#### Language Proficiency:

1. Arabic
2. English