



FACULTY FULL NAME: ABRAR IBRAHIM ALNAIMI

POSITION: Assistant Professor of Cardiovascular Sciences
Chairperson, Cardiac Technology Department (August 2025 - Present)
College of Applied Medical Sciences
Imam Abdulrahman Bin Faisal University

Personal Data

Nationality | Saudi Arabia

Date of Birth | 29 September 1990

Department | Cardiac Technology

Official IAU Email | aialnaimi@iau.edu.sa

Office Phone No. | 01333-35235

Language Proficiency

Language	Read	Write	Speak
Arabic	x	x	x
English	x	x	x
Others	-	-	-

Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
06/02/2023	PhD	University of Liverpool	Liverpool, United Kingdom
02/12/2016	Master	University of Glasgow	Glasgow, United Kingdom
06/06/2012	Bachelor	University of Dammam	Dammam, Saudi Arabia

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

PhD	Modulation of ion channels are cardioprotective targets in ischemic injury
Master	Cardiovascular Sciences- The validation and repeatability for aortic pulse wave velocity (PWV) measurement by magnetic resonance image (MRI): comparing with SphygmoCor system
Fellowship	-



Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Imam Abdulrahman Bin Faisal University	30/10/2023
Lecturer	Imam Abdulrahman Bin Faisal University	06/07/2017
Demonstrator	Imam Abdulrahman Bin Faisal University	16/11/2012

Scientific Achievements

Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication
1	Sean Brennan, Shen Chen, Samir Makwana, Simona Esposito, Lauren R. McGuinness, Abrar I. M. Alnaimi, Mark W. Sims, Manish Patel, Qadeer Aziz, Leona Ojake, James A. Roberts, Parveen Sharma, David Lodwick, Andrew Tinker, Richard Barrett-Jolley, Caroline Dart, Richard D. Rainbow	Identification and characterisation of functional Kir6.1-containing ATP-sensitive potassium channels in the cardiac ventricular sarcolemmal membrane	British Journal of Pharmacology. 19 May 2024.
2	Sean Brennan, Abrar I M Alnaimi, Lauren R McGuinness, Muhammad I M Abdelaziz, Robert A McKenzie, Sophie Draycott, Jacob Whitmore, Parveen Sharma, Richard D Rainbow	Slowly activating voltage-gated potassium current potentiation by ML277 is a novel cardioprotective intervention	PNAS Nexus. 10 May 2023.



Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
1	Abrar I M Alnaimi	The cardioprotective role of IKs potentiation against Ischaemic injury	Europhysiology 2022. 16-18 September 2022
2	Abrar I M Alnaimi	Modulation of ventricular Kir6.1 channels could be used as a novel therapeutic target against cardiac ischemia	The Northern Cardiovascular Research Group Meeting. 26 May 2021

Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	Global Health Exhibition 2024	Saudi Arabia, 21-23 October 2024	Attendance
2	35 th Annual conference of the Saudi Heart Association	Saudi Arabia, 10-12 October 2024	Attendance
3	Europhysiology 2022	United Kingdom, 16-18 September 2022	Presenter
4	The Northern Cardiovascular Research Group Meeting	United Kingdom, 26 May 2021	Presenter
5	Microelectrode Techniques for Cell Physiology	United Kingdom, 28 August-11 September 2019	Attendance



Teaching Activities

Course Coordination

#	Course Title and Code	Coordination	Co-coordination	Undergrad.	Post grad.	From	To
1	Introduction to Cardiovascular (CTECH -221)		Dr Abrar Alnaimi	X	-	12 March 2023	8 June 2023
2	Basic Cardiac Catheterization (CTECH 321)		Dr Abrar Alnaimi	X	-	12 March 2023	8 June 2023
3	Advanced Cardiac Catheterization II (CTECH 426)		Dr Abrar Alnaimi	X	-	12 March 2023	8 June 2023
4	Electrocardiogram I (CTECH 313)		Dr Abrar Alnaimi	X	-	20 August 2023	14 December 2023
5	Basic Echocardiography (CTECH 314)		Dr Abrar Alnaimi	X	-	20 August 2023	14 December 2023
6	Cardiovascular Hemodynamics (CTECH 323)	Dr Abrar Alnaimi		X	-	20 August 2023	14 December 2023
7	Electrocardiogram II (CTECH 411)		Dr Abrar Alnaimi	X	-	20 August 2023	14 December 2023
8	Advanced Adult Echo 1 (CTECH 413)		Dr Abrar Alnaimi	X	-	20 August 2023	14 December 2023
9	Catheterization Practice (1) (CTECH 416)		Dr Abrar Alnaimi	X	-	20 August 2023	14 December 2023



10	Cardiovascular Pharmacology (CTECH 324)	Dr Abrar Alnaimi		X	-	14 January 2024	23 May 2024
11	Advanced Cardiac Catheterization II (CTECH 426)		Dr Abrar Alnaimi	X	-	14 January 2024	23 May 2024
12	Pediatric Cardiac Catheterization (CTECH 427)		Dr Abrar Alnaimi	X	-	14 January 2024	23 May 2024
13	Cardiac Catheterization Interpretation (CTECH 428)	Dr Abrar Alnaimi		X	-	14 January 2024	23 May 2024
14	Catheterization Practice (2) (CTECH 429)		Dr Abrar Alnaimi	X	-	14 January 2024	23 May 2024
15	Cardiovascular Hemodynamics (CTECH 301)	Dr Abrar Alnaimi		X	-	18 August 2024	19 December 2024
16	Electrocardiogram II (CTECH 411)		Dr Abrar Alnaimi	X	-	18 August 2024	19 December 2024
17	Advanced Cardiac Catheteriz. I (CTECH 415)	Dr Abrar Alnaimi		X	-	18 August 2024	19 December 2024
18	Cardiovascular Hemodynamics (CTECH 301)	Dr Abrar Alnaimi		X	-	24 August 2025	14 December 2025
19	Advanced Cardiac Catheterization I (CTECH 406)	Dr Abrar Alnaimi		X	-	24 August 2025	14 December 2025
20	Pediatric Cardiac Catheterization (CTECH 404)		Dr Abrar Alnaimi	X	-	24 August 2025	14 December 2025

Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
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1	Electrocardiogram (ECG) Technician Program	1- Abnormal ECG rhythms 2- Myocardial Ischaemia and Infarction 3- Ventricular Hypertrophy 4- Paced Rhythm	The program is under the Saudi Commission for Health Specialties (SCFHS)	May 2024 to 01 August 2024
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Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

Administrative Responsibilities

#	From	To	Position	Organization
1	2023	2024	Member	The Scientific Research Day Committee at the College of Applied Medical Sciences
2	2023	2024	Member	The Academic Affairs Unit at the College of Applied Medical Sciences
3	2023	2024	Member	The Closing Ceremony Committee for the Activities of the College of Applied Medical Sciences

Committee Membership

#	From	To	Position	Organization
1	2023	2026	Coordinator	The Academic Supervision Committee at the Cardiac Technology Department, IAU
2	2023	2026	Member	The Quality and Academic Accreditation Committee at the Cardiac Technology Department, IAU
3	2023	2026	Member	The Quality of Assessment and Examination Committee at the Cardiac Technology Department, IAU



4	2024	2025		Academic Affairs committee at Applied Medical Sciences, IAU
5	2025	2030	Member	Committee of E-Learning Coordinators at the Imam Abdulrahman Bin Faisal University

Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Proficient in Microsoft Office Suite, including Word, Excel and PowerPoint
2	Experienced in managing, organizing, and analyzing data, including using tools such as Excel for data processing, SPSS for statistical analysis, Minitab software and GraphPad Prism 9 software (GraphPad Software, Inc., La Jolla, CA, 123 USA)
3	Strong foundation in conducting academic research, including literature reviews, data collection, and statistical analysis. Competent in interpreting findings, drafting reports, and presenting results effectively
4	Proficient in creating presentations and confident in delivering presentations and leading workshops on complex topics, engaging audiences effectively
5	Strong analytical skills to assess and resolve technical and administrative challenges
6	Ability to learn new technologies and adapt to evolving systems in the education fields
7	Proven ability to lead project teams, manage academic committees, and work collaboratively with diverse groups to accomplish organizational goals
8	Strong attention to detail in preparing and maintaining documentation, including academic records, committee reports, policy documents, and procedural manuals
9	Highly organized with the ability to prioritize and manage multiple responsibilities efficiently
10	Experienced in designing course materials, creating syllabi, and developing learning modules that support student engagement in complex subjects
11	Dedicated to mentoring students and guiding them through academic challenges, supporting their personal and professional growth in the academic and healthcare field

Last Update

04/09/2025