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Press release
For immediate release

**New professor of cardiac, thoracic and vascular anaesthesiology and intensive care medicine
Marcelo Gama de Abreu appointed at Med Uni Graz**

Graz, 19 May 2026: On 13 April 2026 Marcelo Gama de Abreu was appointed University Professor of Cardiac, Thoracic and Vascular Anaesthesiology and Intensive Care Medicine at the Medical University of Graz pursuant to § 98 UG. He also took over as the head of the Division of Anaesthesiology and Intensive Care Medicine 2 on 1 May 2026 .

In Gama de Abreu, Med Uni Graz has gained an internationally renowned expert who will substantially contribute to research, teaching and patient care in this highly specialized field. With this appointment, the Medical University of Graz signals its strong support for scientific excellence and international networking.

Professional background

Marcelo Gama de Abreu was born in Maceió/Alagoas, Brazil, in 1965. He studied electronic engineering and medical technology at the Federal University of Rio de Janeiro and medicine at Rio de Janeiro State University. In 1997 he received his doctorate *summa cum laude* from Heidelberg University. He completed his specialist training in anaesthesiology and intensive care medicine in Dresden.

In 2005 he finished his habilitation in the field of anaesthesiology and intensive care medicine at Dresden University of Technology, where in 2013 he became a W2 professor of translational research in anaesthesiology and intensive care therapy. He was also a managing senior physician and from 2016 to 2021 deputy director of the Department of Anaesthesiology at University Hospital Carl Gustav Carus Dresden.

From 2021 to 2026, Gama de Abreu was Staff Physician and Vice-Head Director of Research in the Division of Intensive Care and Resuscitation, Staff Physician in the Outcomes Research Group and Staff Physician in the Division of Cardiothoracic and Vascular Anesthesia of the Department of Anaesthesiology at the Cleveland Clinic, Ohio, USA. He also played an active role as a member of the Cleveland Clinic ECMO group.

Gama de Abreu has made significant contributions to anaesthesiology and intensive care medicine, impressively demonstrating his scientific expertise and strong leadership skills. He initiated the acquisition of EUR 5.98 million for an AI-based research project at TU Dresden and directed the ECMO Center Dresden during the COVID-19 pandemic. He was appointed deputy head of the research division of the cardiovascular and thoracic intensive care unit, and he

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conceived and coordinated two large multicenter trials on intraoperative lung-protective ventilation in high-risk patients.

Furthermore, Gama de Abreu has published numerous scientific papers in renowned journals and applied for several patents for innovative devices and methods for improving ventilation technology and measuring pulmonary circulation.

Scientific focus

The focus of Marcelo Gama de Abreu's research is on improving perioperative outcomes by employing innovative approaches in anesthesiology and intensive care medicine. His areas of interest include the investigation of the connection between mechanical force and ventilator-induced lung injury, the development of lung-protective ventilation strategies, the exploration of proinflammatory reactions in lung dilation and the prevention of postoperative pulmonary complications.

The goal of his research is to sustainably improve perioperative morbidity and mortality through a deeper understanding of pathophysiological mechanisms.

The person

When he is not working, Marcelo Gama de Abreu spends time with his family in Dresden and travels around the world to pursue his hobbies parachuting, diving and Brazilian jiu-jitsu.

Vision for Med Uni Graz

At the Medical University of Graz, Marcelo Gama de Abreu would like to significantly improve perioperative care for cardiac and noncardiac surgical patients. His plans include setting up an ECMO center as well as a research unit for outcomes research.

Gama de Abreu embraces innovative concepts in teaching as well: Through modern teaching methods and the establishment of a skill lab, he hopes to achieve an optimal combination of theoretical and practical training. He also wants to fill students with enthusiasm for anesthesiology and intensive care medicine with the long-term goal of promoting the next generation of specialists in these fields.