

CURRICULUM VITAE

Priv.-Doz. Dr. Dr. med. Mahdi Sareban

Personal information

Name: Priv.-Doz. Dr. Dr. med. Mahdi Sareban
Date of birth: 2nd September 1980
Place of birth: Graz, Austria
Nationality: Austria
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Professional career

Since 04/2020 Co-Investigator, Ludwig Boltzmann Institute for Digital Health and Prevention
Since 07/2017 Senior physician, Institute of Sports Medicine, Prevention and Rehabilitation, University Hospital Salzburg, Austria
2016 Board certification in rehabilitation medicine, Germany
10/2015 – 06/2017 Senior scientist, Institute of Sports Medicine, Prevention and Rehabilitation, University Hospital Salzburg, Austria
2015 Board certification in cardiology, Austria
2014 Board certification in sports medicine, Germany
05/2013 – 09/2015 Senior physician, Department of Internal Medicine II, Section Sports and Rehabilitation Medicine, University Hospital Ulm, Germany
2013 Board certification in Internal Medicine, Austria and Germany
08/2011 – 04/2013 Resident physician, Department of Internal Medicine II, Section Sports and Rehabilitation Medicine, University Hospital Ulm, Germany
05/2011 – 07/2011 Resident physician, Department of Surgery, Hospital Bruck an der Mur, Austria
02/2007 – 09/2010 Resident physician, Department of Cardiology, University Heart Center Leipzig, Germany
10/2005 – 09/2006 Postdoc Research Fellow, Department of Gastroenterology, University of Michigan, Ann Arbor, USA
1999 – 2005 Medical University Graz, Austria

Scientific career

- **Habilitation (Privatdozent)** May 2019, Paracelsus Medical University Salzburg, Austria
- **Doctor of Medicine (Dr. med.)** April 2018, University of Ulm, Germany
- **Doctor of Medicine (Dr. med. univ.)** April 2005, Medical University Graz, Austria
- **Publications**
 - 32 publications in peer-reviewed journals (see publication extract below) with a H-Index of 11 (Source: Journal Citation Report; updated July 2020)
 - Numerous scientific presentations at national and international congresses

- **Reviews for peer-reviewed journals (extract)**
European Heart Journal, American Journal of Cardiology, European Journal of Preventive Cardiology, Sports Medicine, Scandinavian Journal of Medicine and Science in Sports, German Journal of Sports Medicine
- **Supervision of graduate students**
 - 1 medical dissertation (completed), University of Ulm, Germany
 - 3 medical diploma thesis (2 completed, 1 ongoing), Paracelsus Medical University Salzburg, Austria
- **Teaching activities**
 - Sports medicine (Paracelsus Medical University Salzburg, University of Ulm, Donau University Krems)
 - Altitude medicine (Paracelsus Medical University Salzburg, University of Ulm)
 - Physiology (University of Salzburg)
 - Rehabilitation medicine (University of Ulm)
 - Environmental medicine (University of Ulm)

Further Qualifications

- Certificate for didactics in medicine, Paracelsus Medical University Salzburg
- Nutritional medicine (Germany)
- International Diploma for Mountain Medicine (UIAA)
- United States Medical Licensing Exams Step1, Step 2 CK, Step 2 CS

Management Qualifications

Since 10/2019 MSc Study „Health Sciences and Leadership“ at the Paracelsus Medical University Salzburg

PUBLICATIONS (extract)

Original research publications as first or senior author

1. Sareban M, Dolores Fernandez La Puente de Batre M, Reich B, Schmied C, Loidl M, Niederseer D, Niebauer J. Effects of active commuting to work for 12 months on cardiovascular risk factors and body composition. *Scand J Med Sci Sports* 2020 Apr 25 (epub ahead of print).
2. Sareban M, Perz T, Macholz F, Reich B, Schmidt P, Fried S, Mairböurl H, Berger MM, Niebauer J. Preserved right ventricular function but increased right atrial contractile demand in altitude-induced pulmonary hypertension. *Int J Cardiovasc Imaging* 2020 Mar 9 (epub ahead of print).
3. Sareban M, Schiefer LM, Macholz F, Schäfer L, Zangl Q, Inama F, Reich B, Mayr B, Schmidt P, Hartl A, Bärtsch P, Niebauer J, Treff G, Berger MM. Endurance Athletes Are at Increased Risk for Early Acute Mountain Sickness at 3450 m. *Med Sci Sports Exerc* 2020 May;52(5):1109-1115.
4. Sareban M, Zügel D, Hartveg P, Zügel M, Gary T, Niebauer J, Steinacker J, Treff G. Preserved Left Atrial Mechanics Following a 5-h Laboratory Triathlon in Euhydrated Athletes. *Int J Sports Med* 2019;40:88-94.
5. Sareban M, Perz T, Macholz F, Reich B, Schmidt P, Fried S, Mairböurl H, Berger MM, Niebauer J. Impairment of left atrial mechanics does not contribute to the reduction in stroke volume after active ascent to 4559 m. *Scand J Med Sci Sports* 2018;29(2):223-231.
6. Berger MM, Macholz F, Schmidt P, Fried S, Perz T, Dankl D, Niebauer J, Bärtsch P, Mairböurl H, Sareban M. Inhaled Budesonide Does Not Affect Hypoxic Pulmonary Vasoconstriction at 4559 Meters of Altitude. *High Alt Med Biol* 2018 Mar;19(1):52-59.
7. Sareban M, Winkert K, Sperlich B, Berger MM, Niebauer J, Steinacker JM, Treff G. Speckle tracking-derived bi-atrial strain before and after eleven weeks of training in elite rowers. *Sci Rep* 2018;8:14300.
8. Sareban M, Perz T, Macholz F, Reich B, Schmidt P, Fried S, Mairböurl H, Berger MM, Niebauer J. Reliability of echocardiographic speckle-tracking derived bi-atrial strain assessment under different hemodynamic conditions. *Int J Cardiovasc Imaging* 2017;33:1685-1692.
9. Sareban M, Zügel D, Koehler K, Hartveg P, Zügel M, Schumann U, Steinacker JM, Treff G. Carbohydrate Intake in Form of Gel Is Associated With Increased Gastrointestinal Distress but Not With Performance Differences Compared With Liquid Carbohydrate Ingestion During Simulated Long-Distance Triathlon. *International journal of sport nutrition and exercise metabolism* 2016;26:114-122.

Book chapters

1. Sareban M, Niebauer J. Ambulatory (24-h Holter monitoring, event recorders) and signal-averaged ECG for arrhythmia registration in the athlete's heart. In: Pelliccia, Heidbuchel, Corrado, Borjesson, Sharma (editors). *ESC Textbook of Sports Cardiology*. England: Oxford University Press, 2019. Pp 107-114
2. Sareban M, Guasch E, Mont L. Atrial fibrillation in endurance athletes. In: Niebauer, Pressler (editors). *Sports Cardiology*. Germany: Springer, 2020.