

Curriculum Vitae

Dr.rer.nat. **Barbara Mayr, BSc, MSc**



PRIVATE INFORMATION

Date of birth: 31th August 1991
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PROFESSIONAL CAREER HISTORY

- 2015-2019:** **PARIS LODRON UNIVERSITY SALZBURG, AUT**
PhD program in biology
Graduated with Doctorate rerum naturalium (Dr.rer.nat). Dissertation thesis: "Circulating microRNAs in the context of exercise and cardiovascular risk"
- 2012-2015:** **PARIS LODRON UNIVERSITY SALZBURG, AUT**
Master course of studies in biology
graduated with Master of Science (MSc); master thesis: "Impact of acute exercise on circulating microRNA in human blood plasma"
- 2009-2012:** **UNIVERSITY OF APPLIED SCIENCE SALZBURG, AUT**
Study course of Biomedical Scientist graduated with Bachelor of Science in health studies (BSc); bachelor thesis: "Die Rolle der EEG-Untersuchung an einem Neurologischen Institut am Beispiel Salzburg"
- 2005-2009:** **BUNDES OBERSTUFEN REALGYMNASIUM RIED IM INNKREIS, AUT**
Secondary School; graduated with A-levels

RELEVANT WORK EXPERIENCE

- Sep 2018 to date** **Research associate**
University Institute of Sports Medicine, Prevention and Rehabilitation, Paracelsus Medical University, Salzburg, AUT
- Apr 2018 to date** **Teaching stuff**
Degree program "biomedical science" University of applied science, Salzburg, AUT
- Oct 2017 to date** **Coach for the sports program of the workplace health promotion**
University Institute of Sports Medicine, Prevention and Rehabilitation, Paracelsus Medical University, Salzburg, AUT
- Nov 2016 to date** **Biomedical scientist**
University Institute of Sports Medicine, Prevention and Rehabilitation, Paracelsus Medical University, Salzburg, AUT
- June 2014-Okt 2016:** **Research associate**
Research Institute of Molecular Sports Medicine and Rehabilitation, Paracelsus Medical University Salzburg, AUT
- Feb 2014- June 2014:** **Scientific assistant**
Research Institute of Molecular Sports Medicine and Rehabilitation, Paracelsus Medical University, Salzburg, AUT
- Aug 2013-Okt 2013:** **Biomedical scientist (internship)**

University Institute of Clinical Chemistry and Laboratory Diagnostics
Paracelsus Medical University, Salzburg, AUT

July 2012-Sep 2012: **Biomedical scientist (internship)**
Institut for Neurology,
at the Christian Doppler Klinik Salzburg, Salzburg, AUT

2009-2012: **Paramedic**
Red Cross Austria, Ried im Innkreis, AUT

REFERENCES

Published manuscripts

Mayr, B; Niebauer, J; Breitenbach-Koller, H; Circulating miRNAs as predictors for morbidity and mortality in coronary artery disease. Molecular Biology Report. 2019;46(5):5661-5.

Schäfer, C; Mayr, B; Müller, EE; Augner, C; Hannemann, J; Böger, RH; Schönfelder, M; Niebauer, J; Exercise training prior to night shift work improves physical work capacity and arterial stiffness. European journal of preventive cardiology 2019 May 8; 2047487319848196.

Mayr, B; Müller, EE; Schafer, C; Droese, S; Breitenbach-Koller, H; Schönfelder, M; Niebauer J; Exercise responsive micro ribonucleic acids identify patients with coronary artery disease. European journal of preventive cardiology 2019 Mar;26(4):348-355.

Westphal, T; Rinnerthaler, G; Gampenrieder, SP; Niebauer, J; Thaler, J; Pfob, M; Fuchs, D; Riedmann, M; Mayr, B; Reich, B; Melchardt, T; Mlineritsch, B; Pleyer, L; Greil, R; Supervised versus autonomous exercise training in breast cancer patients: A multicenter randomized clinical trial; Cancer medicine 2018;7(12):5962-5972.

Mayr, B; Mueller, EE; Schäfer, C; Breitenbach-Koller, H; Schönfelder, M; Niebauer, J; Pitfalls of analysis of circulating miRNA: Role of hematocrit; CLIN CHEM LAB MED 2017;55(5): 622-625

Schönfelder, M; Hofmann, H; Schulz, T; Engl, T; Kemper, D; Mayr, B; Rautenberg, C; Oberhoffer, R; Thieme, D; Potential detection of low-dose transdermal testosterone administration in blood, urine, and saliva; DRUG TEST ANAL. 2016; 8(11-12):1186-1196

Awards

Best Abstract-Award Clinical Science of the Annual meeting of the Austrian cardiology society 2018 (Salzburg) for the Abstract *Effects of acute exercise on miRNA expression in coronary artery disease patients*