

## **Dr. Andras Meszaros, PhD**



### **Curriculum Vitae**

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#### **Personal Information**

Name: Dr. Andras Meszaros, PhD  
E-mail: andras.meszaros@tirol-kliniken.at  
Birth date: 1987  
Nationality: Hungary

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Position: Doctor in training

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#### **University Degree(s)**

2012 Graduation Medical Doctor (M.D.), University of Szeged, Faculty of Medicine

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#### **Professional Development**

2012	2015	PhD student, University of Szeged, Faculty of Medicine, Institute of Surgical Research, Hungary
2015	2016	Assistant research fellow, University of Szeged, Faculty of Medicine, Institute of Surgical Research, Hungary
2016	2018	Assistant professor, University of Szeged, Faculty of Medicine, Institute of Surgical Research, Hungary
2017		PhD Thesis: Methane bioactivity and interactions with other biological gases

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### **Department of Visceral, Transplant and Thoracic Surgery**

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2017	2018	Postdoctoral Researcher, Oroboros Instruments, Innsbruck, Austria
2017		Chief Research Officer, Oroboros Instruments, Innsbruck, Austria
2018		Doctor in training, Department of Visceral, Transplant and Thoracic Surgery, Center of Operative Medizin, Medical University Innsbruck

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### **Additional Training, additional Professional Title**

2008		Friedrich Schiller University Jena, Germany
2010		Medical University of Göttingen, Germany Friedrich Schiller University Jena, Germany
2011		2011 ERASMUS LLP one semester, Medical University of Vienna, Austria
2011	2012	29th International Practical Seminar in Microsurgery of Vessels and Nerves, Timisoara, Romania
2011	2012	ERASMUS LLP clinical practice Medical University of Innsbruck, Austria
2013		Faculty of Medicine, RTWH Aachen University, Aachen, Germany
2013		Department of Immunology, Nagoya City University, Nagoya, Japan
2013		IOC79 O2k-Workshop on High-Resolution Spirometry: O2k-Fluorometry, Obergurgl, Austria
2013		IOC80 80th OROBOROS O2k-Workshop on HRR and O2k-Fluorometry., Schröcken, Austria
2014	2016	Campus Hungary Research Grants in Austria
2016		COST Action MitoEAGLE, Short-term scientific mission Oroboros Instruments, Innsbruck, Austria
2016		FELASA (Federation of European Laboratory Animal Science Associations) level C certificate

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### **Teaching**

2010	2017	Tutor: Surgical techniques, Basic and advanced surgical skills for medical students and dentistry students
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2012	2017	Tutor at the 4-week compulsory training for residents in surgery; High-fidelity endoscopic simulators (teaching and demonstration for medical students)
2014		Organizer and tutor: Laparoscopy training course at the conferences of Young Surgeons in Hungary
2016		Tutor at IOC courses on High-Resolution Fluorespirometry
2017		Co-supervision of one PhD student, Marie Skodowska-Curie action TRANSMIT, Oroboros Instruments

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### **Research Emphasis**

Organ transplantation, ischemia-reperfusion injury, sepsis:  
microcirculation, epithelial and endothelial permeability  
Mitochondrial (dys)function  
Reactive oxygen and nitrogen species  
Effect of biologically active gases (NO, CH<sub>4</sub>) in mitochondria and cells

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### **Position & membership in Scientific Societies**

European Shock Society  
European Society for Free Radical Research  
Mitochondrial Physiology Society  
Hungarian Surgical Society  
Hungarian Physiological Society  
Hungarian Hemorheological Society

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### **Publications**

13  
<https://www.ncbi.nlm.nih.gov/pubmed/?term=Meszaros>  
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## **Prizes and Awards**

- 2011 Hungarian Medical Association of America Hungary Chapter, 4th Balatonfüred Meeting, Balatonfüred, Hungary, 2011. I. prize: The best presentation in Pulmonology, Anesthesiology and Intensive Care
- 2012 Hungarian Physiological Society, Young Scientists Session Award. Debrecen, Hungary, 2012.
- 2012 Balatonfüred, Hungary, 2012. I. prize: Excellence in Surgery-Anesthesiology-Pathology-Oncology-Otorhinolaryngology Award
- 2013 ET-13 Travel Grant; Thirteenth International Conference On Endothelin, Tokyo, Japan, 2013
- 2015 Best Poster Award, XVI. Congress of the European Shock Society, Cologne, Germany, 2015
- 2015 Young Scientist Award, 39. Seminar der Österreichischen Gesellschaft für Chirurgische Forschung, Wagrain, Austria, 2015

Innsbruck, 24.07.2019