CURRICULUM VITAE
VÁCLAV ORT

PERSONAL DATA:

Family name: Ort
First name: Václav
Date of birth: August 20th, 1990
Place of birth: Louny, Czech Republic
Nationality: Czech
Citizenship: Czech Republic, EU

CONTACTS:

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EDUCATION:

Degree: M.Eng. (Ing.), *summa cum laude*; Institution: Czech Technical University in Prague, Faculty of Biomedical Engineering; thesis: „Possibility of dynamic hyperinflation during HFOV"; 2015

Degree: BSc. (Bc.); Institution: Czech Technical University in Prague, Faculty of Biomedical Engineering; thesis: „Methodology for contactless measurement of the lower limbs for the production of health compressible, prophylactic and antithrombotic stockings based on customer's request"; 2013.

APPOINTMENTS:

Date: 2014 – present
Organization: Czech Technical University in Prague, Faculty of Biomedical Engineering
Position: Researcher and Ph.D. student

Date: 2014 – 2015
Organization: Progredior Kybernétés
Position: Software developer (Matlab)

PROFESSIONAL MEMBERSHIP:

Member: Non-conventional Ventilatory Team. Prague, Czech Republic (since 2014)

PUBLICATIONS:

Ort, V., Roubik, K.: The Effect of Dynamic Hypoinflation during High Frequency Oscillatory Ventilation in an in Vitro Model of Respiratory System, *E-Health and Bioengineering Conference (EHB)*, 2015

Ort, V., Roubik, K.: Development of dynamic hyperinflation and dynamic hypoinflation during HFOV and their measurement using Electrical Impedance Tomography, *33rd Annual Conference On High Frequency Ventilation and Critical Care, 2016*

AWARDS AND HONOURS:

19th Annual John Emerson Award for research – awarded on March 31, 2016 at 33rd Annual Conference On High Frequency Ventilation and Critical Care Conference, Snowbird Resort, Utah, USA. The presented study - *V. Ort, K. Roubik:* Development of dynamic hyperinflation and dynamic hypoinflation during HFOV and their measurement using Electrical Impedance Tomography

Special Prize of the Faculty of Medical Bioengineering – awarded by the Scientific Committee of the 5th IEEE International Conference on E-Health and Bioengineering, Grigore T. Popa University of Medicine and Pharmacy, Iasi, Romania, 2015. The presented study - V. Ort, K. Roubik: The Effect of Dynamic Hypoinflation during High Frequency Oscillatory Ventilation in an in Vitro Model of Respiratory System

CTU FBMI Dean's Prize for Thesis and Study Results

CERTIFICATES:

NI Certified LabVIEW Associate Developer (CLAD), 2013
Certificate of professional competence in electrical engineering, 50/78 Sb. § 5
Certificate of stable pressure receptacle operator, 18/1979 Sb. and ČSN 690012