

Curriculum Vitae

Name, Family Name: Reinis Balmaks

<https://orcid.org/0000-0002-5098-7603>

EDUCATION

- 2014 Dr. med.
Human respiratory syncytial virus caused lower respiratory tract infection: clinical and molecular characterization in hospitalized children
Riga Stradins University, Latvia
- 2007 Medical Doctor
Riga Stradins University, Latvia

POSITIONS

- 2019 Consultant
Paediatric Critical Care
Specialised Emergency Medical Service
State Emergency Medical Service, Latvia
- 2013 Assistant Professor
Department of Clinical Skills and Medical Technology
Riga Stradins University, Latvia
- 2012 Consultant
Intensive Care Unit
Children's Clinical University Hospital, Riga, Latvia
- 2015-2016 Fellow
Paediatric Critical Care Medicine
Great Ormond Street Hospital, London, UK
- 2011-2012 Fellow
Paediatric Critical Care Medicine
Washington University School of Medicine, St. Louis, US

PROJECTS

Project title	Funding source	Amount (euros)	Period	Role
Improvement in Pediatric Sepsis Readiness in Latvian Emergency Departments: A Simulation-Based Trial	Society for Simulation in Healthcare	10,000	2019-2020	Principal Investigator

A complex, based on modern technologies research of acute and chronic disease of a wide age-range children to develop diagnostic and therapeutic algorithms to reduce mortality, prolong survival, and improve quality of life and public health	National Research Programme		2014-2017	Research Fellow
Human respiratory syncytial virus caused lower respiratory tract infection: clinical and molecular characterization in hospitalized children	Administration of Studies and Science		2009-2012	Assistant

PUBLICATIONS

1. Setlere L, Vegeris I, Stale M, **Balmaks R**. Regional Variability of Admission Prevalence and Mortality of Pediatric Critical Illness in Latvia. *Anesth Crit Care* 2019; 1 (1): 015-022
2. Veģeris I, Daukste I, Bārziņa A, Parslow RC, **Balmaks R**. Prospective paediatric intensive care registry in Latvia: one year outcomes. *Acta Medica Lituanica*. 2019;26 (1): 64-71
3. Rutka K, Lubaua I, Ligere E, Smildzere A, Ozolins O, **Balmaks R**. Incidence and Outcomes of Patients with Functionally Univentricular Heart Born in Latvia, 2007 to 2015. *Medicina* 2018;54 (3): 44; <https://doi.org/10.3390/medicina54030044>
4. Tume LN, **Balmaks R**, da Cruz E, Latten L, Verbruggen S, Valla FV; members of the European Society of Pediatric and Neonatal Intensive Care Pediatric and Congenital Cardiac Intensive Care & Mechanical Circulatory Support Section, the Metabolism-Endocrinology-Nutrition Section, and the Nurse Science Section. Enteral feeding practices in infants with congenital heart disease across European PICUs: a European Society of Pediatric and Neonatal Intensive Care survey. *Pediatr Crit Care Med* 2018;19 (2): 137-144
5. **Balmaks R**, Ribakova I, Gardovska D, Kazaks A. Molecular epidemiology of human respiratory syncytial virus over three consecutive seasons in Latvia. *J Med Virol* 2014; 86 (11): 1971-1982
6. **Balmaks R**, Sufficool KE, White FV, Byrge MM, Kolovos NS. Extracorporeal membrane oxygenation cannula malposition in the azygos vein in an infant. *Int J Artif Organs* 2013;36 (7): 518-521
7. **Balmaks R**, Ribakova I, Gardovska D, Kazaks A. Molecular epidemiology of respiratory syncytial virus during the 2009-2010 season in Latvia. *Arch Virol* 2013;158 (5): 1089-1092
8. Kazaks A, **Balmaks R**, Voronkova T, Ose V, Pumpens P. Melanoma vaccine candidates from chimeric hepatitis B core virus-like particles carrying a tumor-associated MAGE-3 epitope. *Biotechnol J* 2008; 3 (11): 1429-1436
9. **Balmaks R**, Freivalds J, Kazāks A, Pumpēns P. Incorporation of Tumor-Associated Antigens in Virus-Like Particles. *Medicīna*; 712: 76-79

OTHER INFORMATION

Dr. Reinis Balmaks is member of Quality improvement, patient safety and long-term outcomes and Cardiac ICU and mechanical circulatory support scientific sections of European Society of Paediatric and Neonatal Intensive Care