

Curriculum Vitae

Personal information **Mantas Malinauskas**

Work experience

- Employer: Hospital of LUHS Kaunas Clinics, Department of Cardiac, Thoracic and Vascular Surgery
 - Start date: 062008
 - End date: 092012
 - Position: Operating room nursing assistant
 - Activities:
 - Country: Lithuania
- Employer: Lithuanian University Of Health Sciences (LUHS)
 - Start date: 042011
 - End date: 042015
 - Position: Laboratory manager at the Department of Pathophysiology
 - Activities:
 - Country: Lithuania
- Employer: Lithuanian University Of Health Sciences (LUHS)
 - Start date: 092011
 - End date: 092017
 - Position: Assistant lecturer in Pathophysiology
 - Activities:
 - Country: Lithuania
- Employer: Institute of Clinical Sciences at Sahlgrenska Academy, University of Gothenburg
 - Start date: 092012
 - End date: 092014
 - Position: Junior researcher
 - Activities:
 - Country: Sweden
- Employer: Lithuanian University Of Health Sciences (LUHS)
 - Start date: 012017
 - End date: 022021
 - Position: Lecturer in Pathophysiology
 - Activities:
 - Country: Lithuania
- Employer: Lithuanian University Of Health Sciences (LUHS)
 - Start date: 022018
 - End date:
 - Position: Researcher
 - Activities:
 - Country: Lithuania
- Employer: Lithuanian University Of Health Sciences (LUHS)
 - Start date: 012021
 - End date:
 - Position: Associate Professor in Pathophysiology
 - Activities:
 - Country: Lithuania
- Employer: State Medicines Control Agency of Lithuania
 - Start date: 022021
 - End date:
 - Position: Non-clinical assessor
 - Activities:
 - Country: Lithuania

Education and training

1. Subject: Lithuanian Academy of Physical Education
 - Start date: 2005
 - End date: 2009
 - Qualification: Bachelor of Physiotherapy
 - Organisation:
 - Country: Lithuania
2. Subject: Lithuanian Academy of Physical Education
 - Start date: 2009
 - End date: 2011
 - Qualification: Master of Sports Physiology
 - Organisation:
 - Country: Lithuania
3. Subject: Lithuanian University of Health Sciences
 - Start date: 2011
 - End date: 2015
 - Qualification: Doctorate of Biomedical Sciences
 - Organisation: Protein analysis, cell culture techniques, in vitro pharmacology techniques with human and animal tissues.
 - Country: Lithuania
4. Subject: Institute of Clinical Sciences at Sahlgrenska Academy, University of Gothenburg

- Start date: 2011
 - End date: 2015
 - Qualification: Internship
 - Organisation: Protein analysis, cell culture techniques, in vitro pharmacology techniques with human and animal tissues.
 - Country: Sweden
5. Subject: Cell Isolation and Transplantation Center, University of Geneva
- Start date: 112018
 - End date: 122018
 - Qualification: Training (secondment)
 - Organisation: Preparation of the pancreatic islets for transplantation.
 - Country: Switzerland

Additional information

Publications

1. Malinauskas, Mantas; Paškevičienė, Deimantė; Steponaitienė, Rūta; Gudaitytė, Rita; Kupčinskas, Limas; Casselbrant, Anna; Maleckas, Almantas. Role of DPP-4 and NPY Family Peptides in Gastrointestinal Symptoms Associated with Obesity and Type 2 Diabetes Mellitus // *Medicina*, 2025, t. 61, nr. 3, p. 1 - 17, ISSN 1648-9144, 1010-660X.
2. Rimkūnas, Augustinas; Gudas, Rimtautas; Mickevičius, Tomas; Mačiulaitis, Justinas; Malinauskas, Mantas; Smailys, Alfredas; Staškūnas, Mantas; Ūsas, Arvydas. Arthroscopic Electromechanical Assessment of Human Articular Cartilage Injury Correlates with ICRS Scores // *Cartilage*, 2024, t. 15, nr. 3, p. 250 - 258, ISSN 1947-6043, 1947-6035.
3. Šeškutė, Milda; Žukaitė, Dominyka; Laucaitytė, Goda; Inčiūraitė, Rūta; Malinauskas, Mantas; Jankauskaitė, Lina. Antiviral Effect of Melatonin on Caco-2 Cell Organoid Culture: Trick or Treat? // *International Journal of Molecular Sciences*, 2024, t. 25, nr. 22, p. 1 - 15, ISSN 1422-0067, 1661-6596. doi:10.3390/ijms252211872.
4. Štendelytė, Laura; Malinauskas, Mantas; Grinkevičiūtė, Dovilė Evalda; Jankauskaitė, Lina. Exploring Non-Invasive Salivary Biomarkers for Acute Pain Diagnostics: A Comprehensive Review : Review // *Diagnostics*. Basel : MDPI, 2023, vol. 13, no. 11, p. 1-15, ISSN 2075-4418, 2075-4418.
5. Dabašinskaitė, Lauryna; Krugly, Edvinas; Baniukaitienė, Odeta; Čiužas, Darius; Martuzevičius, Dainius; Jankauskaitė, Lina; Malinauskas, Mantas; Ūsas, Arvydas. Design and Fabrication Method of Bi-Layered Fibrous Scaffold for Cartilage Regeneration // *Biochemical Engineering Journal*. Amsterdam : Elsevier, 2022, vol. 182, p. 1-10, ISSN 1369-703X, 1873-295X.
6. Jankauskaitė, Lina; Malinauskas, Mantas; Aukštikalnė, Lauryna; Dabašinskaitė, Lauryna; Rimkūnas, Augustinas; Mickevičius, Tomas; Poškevičius, Alius; Krugly, Edvinas; Martuzevičius, Dainius; Čiužas, Darius; Baniukaitienė, Odeta; Ūsas, Arvydas. Functionalized Electrospun Scaffold-Human-Muscle-Derived Stem Cell Construct Promotes In Vivo Neocartilage Formation // *Polymers*. Basel : MDPI, 2022, vol. 14, no. 12, p. 1-16, ISSN 2073-4360.
7. Jankauskaitė, Lina; Malinauskas, Mantas; Mickeviciute, Goda-Camille. HMGB1: A Potential Target of Nervus Vagus Stimulation in Pediatric SARS-CoV-2-Induced ALI // *Frontiers in pediatrics*. Lausanne : Frontiers Media SA, 2022, vol. 10, p. 1-9, ISSN 2296-2360.
8. Jankauskaitė, Lina; Malinauskas, Mantas; Šnipaitienė, Aušra. Effect of stimulated platelets in COVID-19 thrombosis: role of alpha7 nicotinic acetylcholine receptor // *Frontiers in cardiovascular medicine*. Lausanne : Frontiers media S.A., 2022, vol. 9, p. 1-11, ISSN 2297-055X, 2297-055X.
9. Malinauskas, Mantas; Jankauskaitė, Lina; Aukštikalnė, Lauryna; Dabašinskaitė, Lauryna; Rimkūnas, Augustinas; Mickevičius, Tomas; Poškevičius, Alius; Krugly, Edvinas; Martuzevičius, Dainius; Čiužas, Darius; Baniukaitienė, Odeta; Ūsas, Arvydas. Cartilage regeneration using improved surface electrospun bilayer polycaprolactone scaffolds loaded with transforming growth factor-beta 3 and rabbit muscle-derived stem cells // *Frontiers in bioengineering and biotechnology*. Lausanne : Frontiers media S.A., 2022, vol. 10, p. 1-13, ISSN 2296-4185.
10. Thomas, J., Pociūtė, A., Kėvalas, R., Malinauskas, M., & Jankauskaitė, L.. (2020). Blood biomarkers differentiating viral versus bacterial pneumonia aetiology: a literature review : review. *Italian Journal of Pediatrics*. London : BioMed Central, 2020, Vol. 46, No. 1., 1-10.
11. Pauža, A. G., Rysevaitė-Kyguolienė, K., Malinauskas, M., Lukošienė, J. I., Alaburda, P., Stankevičius, E., Kupčinskas, J., Saladžinskas, Žilvinas, Tamelis, A., & Paužienė, N.. (2019). Alterations in enteric calcitonin gene-related peptide in patients with colonic diverticular disease. *Autonomic Neuroscience : Basic & Clinical*. Amsterdam ; New York : Elsevier, 2019, Vol. 216., 63-71.
12. Casselbrant, A., Söfteland, J. M., Hellström, M., Malinauskas, M., & Oltean, M. (2018). Luminal polyethylene glycol alleviates intestinal preservation injury irrespective of molecular size. *Journal of Pharmacology and Experimental Therapeutics*. Bethesda : American Society for Pharmacology and Experimental Therapeutics, 2018, Vol. 366, No. 1., 29-36.
13. Casselbrant, A., Malinauskas, M., Marschall, H.-U., Wallenius, V., & Fändriks, L. (2015). Angiotensin II exerts dual actions on sodium-glucose transporter 1-mediated transport in the human jejunal mucosa. *Scandinavian Journal of Gastroenterology*. London : Taylor & Francis, 2015, Vol. 50., 1068-1075.
14. Malinauskas, M., Wallenius, V., Fändriks, L., & Casselbrant, A. (2015). Local expression of AP . *Journal of the Renin-Angiotensin-Aldosterone System : JRAAS*. London : SAGE Publications, 2015, Vol. 16, No. 4., 1101-1108.
15. Malinauskas, M., Stankevičius, E., & Casselbrant, A. (2014). Angiotensin IV induced contractions in human jejunal wall musculature in vitro. *Peptides*. New York, NY : Elsevier, 2014, Vol. 59., 63-69.

Projects

Projects I've been involved in: 1. "Small intestinal mediated effects of Roux-en-Y gastric bypass surgery for obesity on metabolic control". 2012_2015; (As PhD student). 2. "The aging gut: genetic and enteric nervous system alterations in intestinal diverticulosis". 2015_2018; (Partially involved to perform in vitro pharmacology experiments) 3. "Innovative advanced therapy construct for articular cartilage regeneration". 2018_2022. (Researcher). 4. "Hypoxia promotes AngII dependent ossification of cartilage in the human knee joint" 2020/10 _ 2021/04. (Principal investigator). 5. Renin angiotensin system in pathogenesis of Diverticulosis _ 2022 01 _ 6. DPP_4 in diabetic patients jejunal tissue _ 2022 04 _

Memberships

Lithuanian Physiological society

Other Relevant Information