

### **Analysis of coagulation factors in fresh-frozen plasma**

**Pikta, Marika;** Szanto, Timea; Reimal, Reelika; Muliin, P.; König, H.; Blinova, G.; Banyas, Valdas Research and Practice in Thrombosis and Haemostasis 2021 <https://abstracts.isth.org/abstract/analysis-of-coagulation-factors-in-fresh-frozen-plasma/>

### **Arterial stiffness assessment for early diagnosis of atherosclerosis**

**Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõöts, Kristina; Meigas, Kalju** Cardiology 2015 / p. 32  
<https://www.karger.com/Article/Abstract/431110>

### **Assessment of associations between arterial mechanical properties and biochemical blood markers for early detection of atherosclerosis**

**Kõöts, Kristina; Pilt, Kristjan;** Sepa, Madis; **Pikta, Marika; Fridolin, Ivo; Meigas, Kalju; Viigimaa, Margus** 8th European Medical and Biological Engineering Conference : proceedings of the EMBECE 2020, November 29 – December 3, 2020 Portorož, Slovenia 2021 / p. 121-129 [https://doi.org/10.1007/978-3-030-64610-3\\_15](https://doi.org/10.1007/978-3-030-64610-3_15) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **Assessment of biological response to desmopressin using von Willebrand factor multimers analysis**

**Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus** Clinical chemistry and laboratory medicine 2017 / p. 727  
<https://www.degruyter.com/downloadpdf/j/cclm.2017.55.issue-s1/cclm-2017-5019/cclm-2017-5019.pdf>

### **Assessment of the von Willebrand factor multimers profile in patients referred for bleeding tendency evaluation in Estonia : a preliminary report of the von Willebrand disease diagnostics project**

**Pikta, Marika;** Saks, Kadri; Varik, Mirja; Hytti, Maria; Ilves, Kreete; Ross, Mariken International journal of medical laboratory research 2021 / p. 17-27 : ill <https://doi.org/10.35503/IJMLR.2021.6103>

### **Association between optical signal derived aortic augmentation index and cardiovascular risk factors in healthy volunteers**

**Pikta, Marika; Viigimaa, Margus; Pilt, Kristjan; Kõöts, Kristina; Meigas, Kalju** Reports on global health research 2020 / art. 119, 8 p. : ill <https://doi.org/10.29011/rghr-119.100019> <https://www.gavinpublishers.com/article/view/association-between-optical-signal-derived-aortic-augmentation-index-and-cardiovascular-risk-factors-in-healthy-volunteers>

### **Benefit from lipoprotein apheresis in severe case of coronary heart disease patient with high level of lipoprotein (a)**

**Zemtsovski, Mihhail; Zemtsovskaja, Galina; Pikta, Marika; Luman, Merike; Viigimaa, Margus** Cardiology 2015 / p. 35-36  
<https://www.karger.com/Article/Abstract/431110>

### **Brain-to-brain loop concept in application to porphyrias : 10-year experience at North Estonia Medical Centre**

**Zemtsovskaja, Galina;** Pikta, Marika; Borissova, Julia; **Pille, Viive; Luman, Merike; Viigimaa, Margus** Eesti Arst 2016 / p. 61  
<http://ojs.utlib.ee/index.php/EA/article/viewFile/12917/8000> [http://www.ester.ee/record=b4600434\\*est](http://www.ester.ee/record=b4600434*est)

### **A common molecular mechanism of vascular wall injury in atherosclerosis and diabetes**

Tikhaze, Alla K.; Lankin, Vadim Z.; Konovalova, Galina G.; **Zemtsovskaja, Galina; Pikta, Marika; Viigimaa, Margus** Cardiology 2015 / p. 43-44 <https://www.karger.com/Article/Abstract/431110>

### **Comparison of chromogenic STA-R Evolution and CS-2500 assays for Apixaban, Rivaroxaban and Dabigatran**

**Pikta, Marika;** Örd, Lenna; Lind, Ellind; Reitsnik, Tarmo; Banyas, Valdas Eesti laborimeditsiin : Eesti Laborimeditsiini Ühingu ja Eesti Bioanalüütikute Ühingu ajakiri 2024 / lk. 70-71 : ill [https://www.ester.ee/record=b4560018\\*est](https://www.ester.ee/record=b4560018*est)

### **Development of diagnostic algorithm for von Willebrand disease within WFH the Twinning Tallinn-Helsinki program**

**Pikta, Marika;** Banyas, Valdas; Vaide, Ines; Varik, Mirja 2018 [https://www.postersessiononline.eu/173580348\\_eu/congresos/WFH2018/aula/-M-P\\_139\\_WFH2018.pdf](https://www.postersessiononline.eu/173580348_eu/congresos/WFH2018/aula/-M-P_139_WFH2018.pdf)

### **Establishing reference intervals for von Willebrand factor multimers**

**Pikta, Marika;** Vasse, Marc; Smock, Kristi J.; Moser, Karen A.; Dievoet, Marie-Astrid van; Lejniece, Sandra; Szanto, Timea; Bautista, Hector; Nouadje, Georges; Banyas, Valdas Journal of medical biochemistry 2022 / p. 115-121 <https://doi.org/10.5937/jomb0-31941>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluation of a new semi-automated Hydragel 11 von Willebrand factor multimers assay kit for routine use**

**Pikta, Marika;** Szanto, Timea; **Viigimaa, Margus;** Lejniece, Sandra; Balode, Darta; Saks, Kadri; Banyas, Valdas Journal of medical biochemistry 2021 / p. 167–172 <https://doi.org/10.5937/jomb0-26008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evaluation of automated urine sediment analysis for routine use**

**Pikta, Marika;** Jerjomina, J.; Kleinson, I.; Titova, T.; Reitsnik, T. Clinica chimica acta 2019 / art. M066, p. s44  
<https://doi.org/10.1016/j.cca.2019.03.101>

### **Evaluation of DOAC dipstick test for detecting direct oral anticoagulants in urine compared with a clinically relevant plasma threshold concentration**

Örd, Lenna; Marandi, Toomas; Märk, Marit; Raidjuk, Leonid; Kostjuk, Jelena; Banyas, Valdas; Krause, Karit; **Pikta, Marika** Clinical and

### **Evaluation of within-subject variation of VWF multimers assay**

**Pikta, Marika**; Szanto, Timea; Banyas, Valdas ISTH 2022 : the 30th Congress of the International Society on Thrombosis and Haemostasis 2022 / art. PB0828 <https://www.eventscribe.net/2022/program/fsPopUp.asp?efp=TUZOTFdCREsxNjMzMw&PresentationID=1079739&rnd=0.134093&mode=presinfo>

### **Implementation and verification of new VWF:Ac assay system with components from different manufacturers**

**Pikta, Marika**; Zolotareva, Valeria; Tönne, Jelena; **Viigimaa, Margus**; Banyas, Valdas Laboratorine medicina 2016 / p. 185-188 : ill [https://www.researchgate.net/publication/312072535\\_Implementation\\_and\\_Verification\\_of\\_New\\_VWFAc\\_Assay\\_System\\_with\\_Components\\_from\\_Different\\_Manufacturers](https://www.researchgate.net/publication/312072535_Implementation_and_Verification_of_New_VWFAc_Assay_System_with_Components_from_Different_Manufacturers)

### **Implementation of alternative ristocetin reagent on impedance aggregometry analyzer**

**Pikta, Marika**; Zolotarev, V.; Banyas, Valdas Clinica chimica acta 2019 / p. S63-S64 <https://doi.org/10.1016/j.cca.2019.03.141>

### **Implementation of innovative techniques in the diagnostic work-up of von Willebrand disease = Innovaatiliste meetodite juurutamine von Willebrandi tõve diagnostikas**

**Pikta, Marika** 2023 <https://doi.org/10.23658/taltech.38/2023> <https://digikogu.taltech.ee/et/Item/99859b1f-55b3-431c-abf6-4ca2c3fab9ca> [https://www.ester.ee/record=b5570874\\*est](https://www.ester.ee/record=b5570874*est)

### **In freezer storage of plasmas for delayed coagulation factors testing does not affect the results**

**Pikta, Marika**; Laane, Edward; Zolotareva, Valeria; Titova, Tatjana; Banyas, Valdas Laboratorine medicina 2018 / p. 35 [https://www.balm2018.lt/wp-content/uploads/2018/05/Lab\\_Med\\_2018\\_SPEC.pdf](https://www.balm2018.lt/wp-content/uploads/2018/05/Lab_Med_2018_SPEC.pdf)

### **Investigation of porphyrias : 10-year experience at the North Estonia Medical Centre**

**Zemtsovskaja, Galina**; Pikta, Marika; Borissova, Julia; **Pille, Viive**; **Luman, Merike**; **Viigimaa, Margus** Eesti Arst 2016 / p. 61 <http://ojs.utlib.ee/index.php/EA/article/viewFile/12917/8000> [http://www.ester.ee/record=b4600434\\*est](http://www.ester.ee/record=b4600434*est)

### **Level of plasma coenzyme Q10 in patients on statin treatment**

**Pikta, Marika**; **Zemtsovskaja, Galina**; **Zemtsovski, Mihhail**; **Duishvili, Davit**; **Tikhaze, Alla K.**; **Lankin, Vadim Z.**; **Viigimaa, Margus** Cardiology 2015 / p. 36 <https://www.karger.com/Article/Abstract/431110>

### **Point-of-care DOAC dipstick test for screening of DOAC in urine**

**Pikta, Marika**; Örd, Lenna; Märk, Marit; Raidjuk, Leonid; Kostjuk, Jelena; Krause, Karit; Banyas, Valdas; Marandi, Toomas Clinical Chemistry and Laboratory Medicine (CCLM) 2021 / p. W036 <https://doi.org/10.1515/cclm-2021-5021>

### **Preclinical evaluation of a semiautomated and rapid commercial electrophoresis assay for von Willebrand factor multimers**

**Pikta, Marika**; **Zemtsovskaja, Galina**; Bautista, Hector; Nouadje, Georges; Szanto, Timea; **Viigimaa, Margus**; Banyas, Valdas Journal of clinical laboratory analysis 2018 / e22416 : ill <https://doi.org/10.1002/jcla.22416> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Qualitative screening of DOAC-induced anticoagulation in emergency clinical situations : abstract**

**Pikta, Marika**; Kütt, Marge; Schneider, Siim; Zolotarjova, V.; **Viigimaa, Margus**; Marandi, Toomas; Arjakse, J.; Banyas, Valdas Clinical chemistry and laboratory medicine (CCLM) 2018 / eA303 <https://doi.org/10.1515/cclm-2018-1038>

### **Testing strategy for laboratory monitoring of Hemophilia A patients treated with Emicizumab**

**Pikta, Marika**; Saks, Kadri; Ross, Mariken; Banyas, Valdas Clinica chimica acta 2022 / p. S186-S186 <https://doi.org/10.1016/j.cca.2022.04.750>

### **The metabolic pattern could be used for early detection of stable ischemic heart disease and hypertensive heart disease**

**Titma, Tiina**; Günther, Ulrich L.; Ludwig, Christian; **Pikta, Marika**; **Zemtsovskaja, Galina**; **Viigimaa, Margus**; **Samoson, Ago** Revue d'épidémiologie et de sante publique 2018 / p. S328 <https://doi.org/10.1016/j.respe.2018.05.243>

### **The metabolic pattern could be useful for better understanding of the etiology of cardiovascular diseases**

**Titma, Tiina**; **Shin, Min-Ji**; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika**; **Zemtsovskaja, Galina**; **Viigimaa, Margus**; **Tanner, Risto** 1st Nordic Metabolomics Conference, 26–28 August 2018 Örebro, Sweden : abstract book 2018 / p. 92-93 [https://www.oru.se/contentassets/8ce68e72859b49ad9a8bcb96acd612f6/program\\_abstract-book\\_2018.pdf](https://www.oru.se/contentassets/8ce68e72859b49ad9a8bcb96acd612f6/program_abstract-book_2018.pdf)

### **The metabolic profile of ischemic heart disease patients with or without previous MI by serum 1H NMR is similar**

**Titma, Tiina**; Günther, Ulrich L.; Ludwig, Christian; **Pikta, Marika**; **Zemtsovskaja, Galina**; **Shin, Min-Ji**; **Viigimaa, Margus**; **Tanner, Risto**; **Samoson, Ago** 7th Baltic Atherosclerosis Society Congress : [abstracts] 2018 / p. 47-48 [http://www.ester.ee/record=b4819912\\*est](http://www.ester.ee/record=b4819912*est)

### **The metabolic profile of ischemic heart disease by serum 1H NMR**

**Shin, Min-Ji**; **Titma, Tiina**; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika**; **Zemtsovskaja, Galina**; **Viigimaa, Margus**; **Tanner,**

**Risto; Samoson, Ago** 2017 Annual Meeting : abstract supplement : late-breaking abstract submissions : 2017, Baltimore 2017 / p. 154 <https://www.toxicology.org/pubs/docs/Tox/2017ToxSup.pdf>

**The metabolic profile of stable ischemic heart disease by serum 1H NMR**

**Titma, Tiina;** Shin, Min-Ji; Ludwig, Christian; Günther, Ulrich L.; **Pikta, Marika;** Zemtsovskaja, Galina; Viigimaa, Margus; **Tanner, Risto; Samoson, Ago** Applied magnetic resonance 2019 / p. 527–539 : ill <https://doi.org/10.1007/s00723-018-1084-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Von Willebrand factor multimeric assay in acquired von Willebrand disease diagnosis : a report of experience from North Estonia Medical Centre**

**Pikta, Marika;** Banys, Valdas; Szanto, Timea; Joutsu-Korhonen, Lotta; Vaide, Ines; Varik, Mirja; Lehtinen, Anna-Elina; Giangrande, Paul; Laane, Edward Journal of laboratory physicians 2021 / p. 195-201 <https://doi.org/10.1055/s-0041-1730818>