A novel form of neurotensin post-translationally modified by arginylation
Eriste, Elo; Norberg, Ake; Nepomuceno, D.; Kuei, C.; Kamme, F.; Tran, D.T.; Strupat, K.; Jörnvall, Hans; Liu, C.; Lovenberg, T.W.; **Sillard, Rannar** Journal of biological chemistry 2005 / 42, p. 35089-35097 https://pubmed.ncbi.nlm.nih.gov/16087676/

Activation of 11R-lipoxygenase is fully Ca2+-dependent and controlled by the phospholipid composition of the target membrane
Järving, Reet; **Lõokene, Aivar**; Kurg, Reet; **Siimon, Liina**; **Järving, Ivar**; **Samel, Nigulas** Biochemistry 2012 / p. 3310-3320 : ill https://pubs.acs.org/doi/10.1021/bi201690z

Apolipoprotein A-V interaction with members of the low density lipoprotein receptor gene family
Nilsson, Stefan; **Lõokene, Aivar**; Beckstead, Jennifer; Gliemann, Jorgen; Ryan, Robert; Olivecrona, Gunilla Biochemistry 2007 / 12, p. 3896-3904 : ill https://pubs.acs.org/doi/10.1021/bi7000533#:~:text=Experiments%20using%20surface%20plasmon%20resonance,low%20density%20lipoprotein%20receptor%20family.

Apolipoprotein C-II : the re-emergence of a forgotten factor
Wolska, Anna; **Reimund, Mart**; Remaley, Alan T. Current opinion in lipidology 2020 / p. 147-153 https://doi.org/10.1097/MOL.0000000000000680 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Apolipoprotein C-II mimetic peptide is an efficient activator of lipoprotein lipase in human plasma as studied by a calorimetric approach
Reimund, Mart; Wolska, Anna; **Risti, Robert**; Wilson, Sierra; Sviridov, Denis O.; Remaley, Alan T.; **Lõokene, Aivar** Biochemical and biophysical research communications 2019 / p. 67-72 https://doi.org/10.1016/j.bbrc.2019.08.130 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Application of the UHPLC-DIA-HRMS method for determination of cheese peptides
Arju, Georg; Taivosalo, Anastassia; **Pismennõi, Dmitri**; **Lints, Taivo**; **Vilu, Raivo**; Daneberga, Zanda; Vorslova, Svetlana; Renkonen, Risto; Joenvaara, Sakari Foods 2020 / art. 979, 11 p. : ill https://doi.org/10.3390/foods9080979 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Binding of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-[beeta] peptide
Tõugu, Vello; **Karafin, Ann**; **Palumaa, Peep** Journal of neurochemistry 2008 / p. 1249-1259 : ill https://pubmed.ncbi.nlm.nih.gov/18289347/

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products [Online resource]
Raba, Grete; **Kapitanov, Illia**; **Karpichev, Yevgen**; Kümmerer, Klaus; **Vilu, Raivo**; **Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p http://fmtdk.ut.ee/teesid-2018/

Biodegradation studies of a series of dipeptide based ionic liquids and their transformation products
Raba, Grete; **Kapitanov, Illia**; **Karpichev, Yevgen**; Kümmerer, Klaus; Vilu, Raivo; Gathergood, Nicholas IUPAC Postgraduate Summer School on Green Chemistry : 7-13 July 2018, Venice - Italy : book of abstracts 2018 / p. 25 https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/Book_of_abstracts_per_website_23_July.pdf

Biophysical studies of the amyloid beta-peptide : interactions with metal ions and small molecules
Wärmländer, Sebastian K.T.S.; **Tiiman, Ann**; Abelein, Axel Chembiochem : a European journal of chemical biology 2013 / p. 1692-1704 : ill https://doi.org/10.1002/cbic.201300262 Journal metrics at Scopud Article at Scopus Journal metrics at WOS Article at WOS

13C- and 15N-labeling of amyloid-β and inhibitory peptides to study their interaction via nanoscale infrared spectroscopy
Paul, Suman; Jeništová, Adéla; Vosough, Faraz; **Berntsson, Elina**; Mörman, Cecilia; Jarvet, Jüri; Gräslund, Astrid; Wärmländer, Sebastian K.T.S.; Barth, Andreas Communications Chemistry 2023 / art. 163 https://doi.org/10.1038/s42004-023-00955-w Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Caseins from bovine colostrum and milk strongly bind piscidin-1, an antimicrobial peptide from fish
Kütt, Mary-Liis; Stagsted, Jan International journal of biological macromolecules 2014 / p. 364-372 : ill https://doi.org/10.1016/j.ijbiomac.2014.06.063 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Comparison of stability of glutathione and related synthetic tetrapeptides by HPLC and capillary electrophoresis
Mahlapuu, Riina; **Vaher, Merike**; Ehrlich, Kersti; **Kaljurand, Mihkel**; Soomets, Ursel Journal of peptide science 2006 / 12, p. 796-799 : ill

Copper(II) ions and the Alzheimer's amyloid-β peptide : affinity and stoichiometry of binding
Tõugu, Vello; **Friedemann, Merlin**; **Tiiman, Ann**; **Palumaa, Peep** AIP conference proceedings 2014 / p. 109-111

Cu(II) partially protects three histidine residues and the N-terminus of amyloid-β peptide from diethyl pyrocarbonate (DEPC) modification

Friedemann, Merlin; **Tõugu, Vello**; **Palumaa, Peep** FEBS Open Bio 2020 / p. 1072-1081 https://doi.org/10.1002/2211-5463.12857 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Development and implementation of high throughput peptidomics for microbial studies = Suure läbilaskevõimega peptidoomika meetodite arendamine ja juurutamine mikrobioloogilisteks uuringuteks
Arju, Georg 2022 https://doi.org/10.23658/taltech.72/2022 https://digikogu.taltech.ee/et/Item/321e304a-71ec-4331-9459-2ceba20d42ae https://www.ester.ee/record=b5530395*est

Direct competition of ATCUN peptides with human serum albumin for copper(II) ions determined by LC-ICP MS
Noormägi, Andra; **Golubeva, Tatjana**; **Berntsson, Elina**; Wärmländer, Sebastian K.T.S.; **Tõugu, Vello**; **Palumaa, Peep** ACS omega 2023 / p. 33912−33919 https://doi.org/10.1021/acsomega.3c04649 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin
Elek, Gabor Zoltan; **Koppel, Kaur**; Zubrytski, Dzmitry M.; **Konrad, Nele**; **Järving, Ivar**; **Lopp, Margus**; **Kananovich, Dzmitry** Organic letters 2019 / p. 8473-8478 : ill https://doi.org/10.1021/acs.orglett.9b03305 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Divergent access to histone deacetylase inhibitory cyclopeptides via a late-stage cyclopropane ring Cleavage strategy. Short synthesis of Chlamydocin
Elek, Gabor Zoltan ESOC 2019 : 21st European Symposium on Organic Chemistry, July 14-18, 2019, Vienna, Austria : abstracts 2019 / PO-381 ; p. 143 http://esoc2019.conf.tuwien.ac.at/fileadmin/ESOC2019/files/ESOC2019_web.pdf

Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks [Võrguväljaanne]
Aav, Riina novaator.err.ee 2020 / fot Eesti teadlaste loodud meetod teeb ravimitootmise keskkonnasõbralikumaks

Effect of enzyme-assisted hydrolysis on brewer's spent grain protein solubilization – peptide composition and sensory properties
Kriisa, Merike; Taivosalo, Anastassia; Föste, Maike; Kütt, Mary-Liis; Viirma, Maret; Priidik, Reimo; Korzeniowska, Malgorzata; Tian,Ye; Laaksonen, Oskar; Yang, Baoru; **Vilu, Raivo** Applied Food Research 2022 / art. 100108 https://doi.org/10.1016/j.afres.2022.100108

Effect of Zn(II) and Cu(II) ions on aggregation and fibrillation of amyloid-beta(1-42) peptide
Palumaa, Peep; **Karafin, Ann**; **Zovo, Kairit**; Chung, Roger S.; Howells, Claire; West, Adrian K.; **Tõugu, Vello** Sinapsa Neuroscience Conference '09 : Ljubljana, 26-29 September 2009 : abstract book 2009 / p. 34

Evaluation of transportan 10 in PEI mediated plasmid delivery assay
Kilk, K.; El-Andaloussi, S.; Jarver, P.; Meikas, A.; **Valkna, Andres**; Bartfai, T.; **Kogerman, Priit**; **Metsis, Madis**; Langel, Ülo Journal of controlled release 2005 / 2, p. 511-523 https://pubmed.ncbi.nlm.nih.gov/15763630/

Identification and characterization of bioactive peptides with antimicrobial and immunoregulating properties derived from bovine colostrum and milk = Antimikroobsete ja immuunsüsteemi stimuleerivate omadustega bioaktiivsete peptiidide identifitseerimine ja karakteriseerimine lehma piimast ja kolostrumist
Kütt, Mary-Liis 2015 https://www.ester.ee/record=b4461995*est

Identification of antimicrobial and hostdefense peptides from monkfish waste
Kütt, Mary-Liis; **Kodis, Ingrid**; Stagsted, Jan Food and nutrition = Toit ja toitumine. XVII : book of abstracts : the 5th Baltic Conference on Food Science and Technology : Foodbalt-2010 2010 / p. 104-105 https://www.researchgate.net/publication/294872356_Identification_of_Antimicrobial_and_Host-Defense_Peptides_from_Monkfish_Waste

Immunochemical inhibition of rennet enzymes assayed by using casein and synthetic hexapeptide as substrates
Pavlikova, S.; **Friedenthal, Margus**; Bakirov, Maiu; Brezina, P.; Kaš, J.; Rauch, P. Symposium of Bioanalytical Methods : abstract book 1990 / p. 125

In vitro fibrillization of Alzheimer's amyloid-β peptide (1-42)
Tiiman, Ann; **Krištal, Jekaterina**; **Palumaa, Peep**; **Tõugu, Vello** AIP advances 2015 / p. 092401-1 - 092401-12 : ill https://doi.org/10.1063/1.4921071 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

INSL5 is a high affinity specific agonist for GPCR142(GPR100)
Liu, C.; Kuei, C.; Sutton, S.; Chen, J.; Bonaventure, P.; Wu, J.; Nepomuceno, D.; Kamme, F.; Tran, D.T.; Zhu, J.; Wilkinson, T.; Bathgate, R.; Eriste, Elo; **Sillard, Rannar**; Lovenberg, T.W. Journal of biological chemistry 2005 / 1, p. 292-300 https://www.sciencedirect.com/science/article/pii/S0021925820765919#:~:text=Insulin%2Dlike%20peptide%205%20(INSL5,receptor%20has%20not%20been%20identified.

Interactions of Alzheimer's amyloid-ß peptides with Zn(II) and Cu(II) ions = Alzheimeri amüloid-ß peptiidide interaktsioonid Zn(II) ja Cu(II) ioonidega

Tiiman, Ann 2012 https://www.ester.ee/record=b2866174*est

Interactions of metal ions with peptides and proteins related to Alzheimer's disease = Metallioonide interaktsioonid Alzheimeri tõvega seotud peptiidide ja valkudega
Berntsson, Elina 2025 https://www.ester.ee/record=b5720764*est https://doi.org/10.23658/taltech.5/2025 https://digikogu.taltech.ee/et/Item/ccd57cc9-0670-4c08-b9b8-9bc359475486

Interactions of zinc(II) and copper(II) to the full-length Alzheimer's amyloid-B peptide in vitro
Karafin, Ann; **Palumaa, Peep**; **Tõugu, Vello** FEBS journal 2008 / Suppl. 1, p. 222

Internalisation of cell-penetrating peptides into tobacco protoplasts
Mäe, Maarja; Myrberg, Helena; Jiang, Yang; **Paves, Heiti**; **Valkna, Andres**; Langel, Ülo Biochimica et biophysica acta : biomembrans 2005 / 2, p. 101-107 : ill https://pubmed.ncbi.nlm.nih.gov/15893512/

Interplay of monosaccharide configurations on the deacetylation with Candida Antarctica Lipase-m
Hunt, Kaarel Erik; **Miller, Annette**; **Liias, Kristin**; **Jarg, Tatsiana**; **Kriis, Kadri**; **Kanger, Tõnis** Journal of organic chemistry 2025 / p. 663-671 https://doi.org/10.1021/acs.joc.4c02582

Investigation of endogenous antioxidants and their synthetic analogues by capillary electrophoresis = Endogeensete antioksüdantide ja nende sünteetiliste analoogide uurimine kapillaarelektroforeesi meetodil
Kazarjan, Jana 2016 https://www.ester.ee/record=b4535586*est

Investigation of the surfactant type and concentration effect on the retention factors of glutathione and its analogues by micellar electrokinetic chromatography
Kazarjan, Jana; Mahlapuu, Riina; Hansen, Mats; Soomets, Ursel; **Kaljurand, Mihkel**; **Vaher, Merike** Journal of separation science 2015 / p. 3461-3468 : ill https://doi.org/10.1002/jssc.201500567 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Late-stage cyclopropane ring cleavage strategy in the synthesis of bioactive tetrapeptides - inhibitors of histone deacetylase
Elek, Gabor Zoltan; Koppel, K.; **Lopp, Margus**; **Kananovich, Dzmitry** 4th Organic Chemistry Congress with International Participation, October 4-7, 2018, Side, Turkey : Congress Agenda 2019 / 1 p https://orgchemtr-4.meetinghand.com/projectData/731/webData/Congress-Agenda.pdf

Mechanochemical synthesis of amides with uronium-based coupling reagents : a method for hexa-amidation of biotin[6]uril
Dalidovich, Tatsiana; **Mishra, Kamini Atindrakumar**; **Shalima, Tatsiana**; **Kudrjašova, Marina**; **Kananovich, Dzmitry**; **Aav, Riina** ACS sustainable chemistry & engineering 2020 / p. 15703−15715 : ill https://doi.org/10.1021/acssuschemeng.0c05558 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Mercury ion binding to apolipoprotein E variants ApoE2, ApoE3, and ApoE4 : similar binding affinities but different structure induction effects
Berntsson, Elina; **Sardis, Merlin**; **Noormägi, Andra**; **Jarvet, Jüri**; Roos, Per M.; **Tõugu, Vello**; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. ACS omega 2022 / p. 28924-28931 https://doi.org/10.1021/acsomega.2c02254 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Molecular dynamics simulations on PGLa using NMR orientational constraints
Sternberg, Ulrich; **Witter, Raiker** Journal of biomolecular NMR 2015 / p. 265-274 : ill https://doi.org/10.1007/s10858-015-9983-y Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Monitoring the redox cycle of low-molecular peptides using a modified target plate in MALDI-MS
Borissova, Maria; Mahlapuu, Riina; **Vaher, Merike** Talanta 2010 / p. 274-280 https://pubmed.ncbi.nlm.nih.gov/21035675/

Nanostructure-assisted laser desorption/ionization (NALDI) for analysis of peptides in milk and colostrum
Kütt, Mary-Liis; Malbe, M.; Stagsted, Jan Agronomy research 2011 / p. 415-430 : ill https://agronomy.emu.ee/vol09Spec2/p09s206.pdf

Nitrogen availability and utilisation of oligopeptides by yeast in industrial scotch grain whisky fermentation
Berg, Hidde Yael; Arju, Georg; **Nisamedtinov, Ildar** Journal of the American Society of Brewing Chemists 2025 / p. 88-100 : ill https://doi.org/10.1080/03610470.2024.2389608

Novel analogues of the Chikungunya virus protease inhibitor: molecular design, synthesis, and biological evaluation
Ivanova, Larisa; Rausalu, Kai; **Ošeka, Maksim**; **Kananovich, Dzmitry**; Žusinaite, Eva; Tammiku-Taul, Jaana; **Lopp, Margus**; Merits, Andres; Karelson, Mati ACS omega 2021 / p. 10884–10896 https://doi.org/10.1021/acsomega.1c00625 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Oligopeptides as a nitrogen source for Saccharomyces cerevisiae in industrial fermentations : a study to oligopeptide

uptake and transporter function in practical applications = Oligopeptiidid Saccharomyces cerevisiae lämmastikuallikana tööstuslikes kääritusprotsessides : uuring oligopeptiidide omastamisest ja peptiidide transporterite funktsioonidest praktilistes rakendustes
Berg, Hidde Yael 2024 https://www.ester.ee/record=b5712266*est https://digikogu.taltech.ee/et/Item/91602f4e-a430-4654-9aac-0935c78efdb9 https://doi.org/10.23658/taltech.69/2024

Parahydrogen hyperpolarized NMR detection of underivatized short oligopeptides
Reimets, Nele; Ausmees, Kerti; Vija, Sirje; Trummal, Aleksander; Uudsemaa, Merle; Reile, Indrek Analyst 2023 / p. 5407-5415 : ill https://doi.org/10.1039/d3an01345f Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Peptides : an underestimated nitrogen source for yeast in food fermentations
Nisamedtinov, Ildar; Mooses, Kaspar; **Kevvai, Kaspar**; **Saaremets, Signe** 14th Baltic Conference on Food Science and Technology "Sustainable Food for Conscious Consumer" : FoodBalt 2021 : book of abstracts 2021 / p. 15

A phenotypic approach to probing cellular outcomes using heterobivalent constructs
Bhadoria, Rohit; **Ping, Kefeng**; **Lohk, Christer**; **Järving, Ivar**; **Starkov, Pavel** Chemical Communications 2020 / p. 4216 - 4219 https://doi.org/10.1039/c9cc09595k https://pubs.rsc.org/en/content/articlelanding/2020/cc/c9cc09595k Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Production of labelled recombinant proteins in fed-batch system in Escherchia coli = Märgistatud rekombinantsete valkude tootmine Escherichia coli fed-batch süsteemides
Tomson, Katrin 2007 https://www.ester.ee/record=b2324657*est

Proliini efekti kvantkeemiline modelleerimine peptiidide konformatsioonile
Sak, Katrin XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 126

Prootoni transport peptiididest
Metsala, Andrus; Schlag, E.W. XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 64-65

PVA-VLP based melanoma peptide vaccine trial on mice : [poster abstract]
Papkina, Jekaterina; **Paalme, Viiu**; **Pahtma, Merlis**; **Nutt, Anu**; **Viisileht, Edda**; **Roos, Kristine**; **Järvekülg, Lilian**; **Rüütel Boudinot, Sirje** Symposium "HCV animal models and vaccine development" : Thursday, 16th - Friday, 17th May 2013 Meriton Grand Conference and SPA Hotel, Tallinn, Estonia 2013 / p. 33

Quantum chemical modeling of the effect of proline residues on peptide conformation
Sak, Katrin 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 137

Rational design of a series of novel amphipathic cell-penetrating peptides
Regberg, Jakob; Srimanee, Artita; **Dobchev, Dimitar A.**; **Karelson, Mati** International journal of pharmaceutics 2014 / p. 111-116 : ill https://doi.org/10.1016/j.ijpharm.2014.01.018 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Reaction of the XPA zinc finger with S-nitrosoglutathione
Smirnova, Julia; Zhukova, Liliya; Witkiewicz-Kucharcyk, Aleksandra; Kopera, Edyta; Oledzki, Jacek; Wyslouch-Cieszynska, Aleksandra; **Palumaa, Peep**; Hartwig, Andrea; Bal, Wojciech Chemical research in toxicology 2008 / p. 386-392 : ill https://pubs.acs.org/doi/10.1021/tx700297f

Redox and metal ion binding properties of human insulin-like growth factor 1 determined by electrospray ionization mass spectrometry
Smirnova, Julia; **Muhhina, Jekaterina**; **Tõugu, Vello**; **Palumaa, Peep** Biochemistry 2012 / p. 5851-5859 : ill https://pubs.acs.org/doi/10.1021/bi300494s

Residue-specific binding of Ni(II) ions influences the structure and aggregation of amyloid beta (Aβ) peptides
Berntsson, Elina; Vosough, Faraz; Svantesson, Teodor; Pansieri, Jonathan; Iashchishyn, Igor A.; Ostojić, Lucija; Dong, Xiaolin; Paul, Suman; Jarvet, Jüri; Roos, Per M.; Gräslund, Astrid; Wärmländer, Sebastian K.T.S. Scientific Reports 2023 / art. 3341 https://doi.org/10.1038/s41598-023-29901-5 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

The role of Opt and Fot oligopeptide transporters in covering the yeast nitrogen need during fermentation in a peptide rich environment
Berg, Hidde Yael; **Arju, Georg**; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** 8th conference on physiology of yeasts and filamentous fungi (PYFF8) : abstract book 2023 / p. 151-152 https://efbiotechnology.org/images/uploads/PYFF8_Abstract_book.pdf

Selective deprotection of ester groups in pyranoses with Candida Antarctica Lipase-B
Hunt, Kaarel Erik; **Vilu, Raivo**; **Kanger, Tõnis** Balticum Organicum Syntheticum (BOS 2024) : Book of Abstracts 2024 / art. P41, p. 60 https://boschem.eu/bos2024/wp-content/uploads/sites/5/2024/07/BOS2024_Abstract-Book.pdf

Short synthesis of chlamydocin and related histone decatylase inhibitors via late-stage cyclopropane ring cleavage strategy [Online resource]
Elek, Gabor Zoltan; **Koppel, Kaur**; **Lopp, Margus**; **Kananovich, Dzmitry** Tartu Ülikooli ASTRA projekt PER ASPERA Funktsionaalsete materjalide ja tehnoloogiate doktorikool : teesid 2019 2019 / 1 p. : ill http://fmtdk.ut.ee/wp-content/uploads/2019/02/FMTDK_konverents_2019_teesid_Elek.pdf

Substitution of the Methionine Axial Ligand of the T1 copper for the fungal-like Phenylalanine Ligand (M298F) causes local structural perturbations that lead to thermal instability and reduced catalytic efficiency of the small Laccase from Streptomyces coelicolor A3(2)
Zovo, Kairit; **Pupart, Hegne**; Van Wieren, Arie; Gillilan, Richard E.; **Lukk, Tiit** ACS omega 2022 / p. 6184-6194 https://doi.org/10.1021/acsomega.1c06668 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Zn(II) and Cu(II)-induced non-fibrillar aggregates of amyloid-[beta](1-42) peptide are transformed to amyloid fibrils both spontaneously and under the influence of metal chelators
Tõugu, Vello; **Karafin, Ann**; **Zovo, Kairit**; Chung, Roger S.; Howells, Claire; West, Adrian; **Palumaa, Peep** Journal of neurochemistry 2009 / 6, p. 1784-1795 : ill https://pubmed.ncbi.nlm.nih.gov/19619132/

TalTechi keemikute uus meetod muudab ravimitootmise oluliselt keskkonnasõbralikumaks
Mente et Manu 2020 / lk. 32-33 https://dea.digar.ee/cgi-bin/dea?a=is&oid=AKmenteetmanu202011&type=staticpdf https://doi.org/10.1021/acssuschemeng.0c05558

Tetrapeptiidi histooni deatsetülaasi inhibiitori ehituskivide divergentne süntees
Elek, Gabor Zoltan; **Koppel, K.**; **Konrad, Nele**; **Lopp, Margus**; **Kananovich, Dzmitry** XXXIV Eesti keemiapäevad : 100. aastapäeva teaduskonverentsi teesid 2019 / lk. 13 : ill https://www.ester.ee/record=b5208044*est

The dipeptide cyclic(glycyltryptophanyl) in the gas phase : aastal concerted action of density functional calculations, S-O-S-1 two-photon ionization, spectral UV/UV hole burning and laser photoelectron spectroscopy
Wiedemann, S.; **Metsala, Andrus**; Nolting, D. Physical chemistry chemical 2004 / 10, p. 2641-2649 https://pubs.rsc.org/en/content/articlelanding/2004/cp/b316185d

Unlocking the secrets of peptide transport in wine yeast: insights into oligopeptide transporter functions and nitrogen source preferences
Berg, Hidde Yael; **Arju, Georg**; Becerra-Rodriguez, Carmen; Galeote, Virginie; **Nisamedtinov, Ildar** Applied and environmental microbiology 2023 / art. e0114123 https://doi.org/10.1128/aem.01141-23 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Utilization of 15N-labelled yeast hydrolysate in Lactococcus lactis IL1403 culture indicates co-consumption of peptide-bound and free amino acids with simultaneous efflux of free amino acids
Kevvai, Kaspar; **Kütt, Mary-Liis**; **Nisamedtinov, Ildar**; **Paalme, Toomas** Antonie van Leeuwenhoek, International Journal of General and Molecular Microbiology 2014 / p. 511-522 : ill https://doi.org/10.1007/s10482-013-0103-2 Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Vaskioonide roll Alzheimeri amüloidse beeta peptiide [p. o. peptiidi] agregatsioonil ja toksilisusel
Tõugu, Vello; **Tiiman, Ann**; **Palumaa, Peep** XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 102

Vasoactive peptide levels after change of dialysis mode
Uhlin, Nils Fredrik Arne; Odar-Cederlöf, Ingegerd; Theodorsson, Elvar; Fernström, Anders Nephron Extra 2015 / p. 67 - 78 https://doi.org/10.1159/000440816 Journal metrics at Scopus Article at Scopus

Зависимость взаимодействия некоторых фенолов и амидов от конформации пептидной группы
Aarna, Agu; **Vabaoja, Jüri**; **Oja, Holger** Технология органических веществ. 2 1970 / с. 15-29 : илл https://www.ester.ee/record=b1350307*est https://digikogu.taltech.ee/et/Item/a482beb1-6b8a-41a9-9418-160cec9ed58d

Получение иммобилизованного пепсина для обработки иммунных сывороток : автореферат ... кандидата биологических наук
Lukoševičiene, Nijole 1979 http://primo.nlr.ru/primo-explore/fulldisplay?docid=07NLR_LMS006634520&context=L&vid=07NLR_VU1{=en_US&search_scope=default_scope&adaptor=Local%20Search%20Engine&tab=default_tab&query=any,contains,%D0%9B%D1%83%D0%BA%D0%BE%D1%88%D1%8F%D0%B2%D0%B8%D1%87%D0%B5%D0%BD%D0%B5,%20%D0%9D&sortby=rank&offset=0