

A set of ribosomal RNA gene copies in a single individual of Ephydatia fluviatilis

Karlep, L.; Aas, Nele; Salonen, S.; **Lopp, Annika; Reintamm, Tõnu; Kelve, Merike** VIII World Sponge Conference : Ancient Animals, new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 228

Characterization of the oligoadenylate synthetase subgroup from phylum Porifera = Hõimkonna Porifera oligoadenülaadi süntetaaside alamrühma iseloomustamine

Päri, Mailis 2014 <https://digi.lib.ttu.ee/ii/?1821> https://www.ester.ee/record=b4439680*est

Cloning and expression of ATP N-glycosidase from the freshwater sponge Ephydatia muelleri

Reintamm, Tõnu; Vallmann, Kerli; Kolk, Kaidi; Päri, Mailis; Lopp, Annika; Aas-Valleriani, Nele; Kelve, Merike Biochimie 2019 / p. 126-129 <https://doi.org/10.1016/j.biochi.2018.12.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Construction and characterization of a cDNA library from the marine sponge Chondrosia reniformis

Kuusksalu, Anne; Metsis, Madis; Reintamm, Tõnu; Kelve, Merike Porifera research - biodiversity, innovation and sustainability 2007 / p. 405-412

Deoxynucleoside 5-monophosphate N-glycosidase from a phylogenetically distant metazoa, sponge

Aas-Valleriani, Nele; Reintamm, Tõnu; Kelve, Merike Biochimie 2018 / p. 113-118 : ill <https://doi.org/10.1016/j.biochi.2017.12.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Diverse endobiotic symbiont fauna from the late Katian(Late Ordovician) of Estonia

Vinn, Olev; Wilson, Mark A.; Holmer, Lars E.; Ernst, Andrej; Tinn, Oive; Toom, Ursula Palaeontologia Electronica 2022 / art. a31, 13 p. : ill <https://doi.org/10.26879/1232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Expressed 2–5A synthetase genes and pseudogenes in the marine sponge Geodia barretti

Vallmann, Kerli; Aas, Nele; Reintamm, Tõnu; Lopp, Annika; Kuusksalu, Anne; Kelve, Merike Gene 2011 / p. 42-49 : ill <https://www.sciencedirect.com/science/article/pii/S0378111911000163>

Expression and characterization of recombinant 2',5'-oligoadenylate synthetase from the marine sponge Geodia cydonium

Päri, Mailis; Kuusksalu, Anne; Lopp, Annika; Reintamm, Tõnu; Justesen, Just; Kelve, Merike FEBS journal 2007 / 13, p. 3462-3474

Expression and characterization of recombinant 2',5'-oligoadenylate synthetase from the marine sponge Geodia cydonium

Lopp, Annika; Päri, Mailis; Kuusksalu, Anne; Reintamm, Tõnu; Justesen, Just; Kelve, Merike Journal of interferon and cytokine research 2007 / 8, p. 719

Freshwater sponges in Estonia : genetic and morphological identification

Roovere, Tiit; Lopp, Annika; Reintamm, Tõnu; Kuusksalu, Anne; Richelle-Maurer, Evelyn; Kelve, Merike Proceedings of the Estonian Academy of Sciences. Biology. Ecology 2006 / 3, p. 216-227 : ill

In vitro effects of metal pollution on Mediterranean sponges : species-specific inhibition of 2'5'-oligoadenylate synthetase

Saby, Emilie; Justesen, Just; Kelve, Merike; Uriz, Maria Aquatic toxicology 2009 / 3, p. 204-210 : ill <https://www.sciencedirect.com/science/article/pii/S0166445X09002264>

Interferon-induced 2',5'-oligoadenylate synthetases versus those from sponges, evolutionarily lowest multicellular animals

Kuusksalu, Anne; Lopp, Annika; Päri, Mailis; Reintamm, Tõnu; Kelve, Merike Cytokine 2009 / 1/2, p. 85-86 https://www.researchgate.net/publication/247349787_Interferon-induced_2'5'-oligoadenylate_synthetases_versus_those_from_sponges_evolutionarily_lowest_multicellular_animals

Intragenomic profiling using multicopy genes : the rDNA internal transcribed spacer sequences of the freshwater sponge Ephydatia fluviatilis

Karlep, Liisi; Reintamm, Tõnu; Kelve, Merike PLoS ONE 2013 / p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0066601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Kaitsealused kivistised Eestis - käsnad ja korallid

Nestor, Heldur Loodusesõber 2011 / 5, lk. 17-19 : ill

Late Ordovician and Early Silurian stromatoporoid sponges from Anticosti Island, Eastern Canada : crossing the O/S mass extinction boundary

Nestor, Heldur; Copper, Paul; Stock, Carl 2010 https://www.ester.ee/record=b2627279*est

Lihtsad, aga mitte primitiivsed loomad [käsnad]

Lopp, Annika; Kelve, Merike Eesti Loodus 2011 / 6/7, lk. 12-18 : ill https://artiklid.elnet.ee/record=b2417228*est

Modulation of (2'-5')oligoadenylate synthetase by environmental stress in the marine sponge *Geodia cydonium*

Kelve, Merike; Kuusksalu, Anne Modern aspects in monitoring of environmental pollution in the sea 1999 / p. 147-155

Molecular identification, characterization and distribution of freshwater sponges (Porifera: Spongillidae) in Estonia

Lopp, Annika; Reintamm, Tõnu; **Vallmann, Kerli**; **Päri, Mailis**; **Mikli, Valdek**; Richelle-Maurer, Evelyn; **Kelve, Merike** Fundamental and applied limnology = Archiv für Hydrobiologie 2007 / 1, p. 93-103

https://www.researchgate.net/publication/233617898_Molecular_identification_characterization_and_distribution_of_freshwater_sponges_Porifera_Spongillidae_in_Estonia

Natural 2',5'-linked oligoribonucleotides from marine sponges

Lopp, Annika; **Reintamm, Tõnu**; Rapp, Hans Tore; Hoffmann, Friederike; **Kelve, Merike** 6th European Conference on Marine Natural Products : Porto, Portugal, 19-23 July 2009 : programme & abstracts book 2009 / ? p

Natural occurrence of 2',5'-linked heteronucleotides in marine sponges

Lopp, Annika; **Reintamm, Tõnu**; **Kuusksalu, Anne**; **Tammiste, Indrek**; **Pihlak, Arno**; **Kelve, Merike** Marine drugs 2010 / 2, p. 235-254 <https://pubmed.ncbi.nlm.nih.gov/20390103/>

A novel endoribonuclease from the marine sponge *Tethya aurantium* specific to 2',5'-phosphodiester bonds

Lopp, Margus; **Reintamm, Tõnu**; **Kuusksalu, Anne**; Rosa, Salvatore, de; **Kelve, Merike** Biochimie 2012 / p. 1635-1646 : ill

<https://doi.org/10.1016/j.biochi.2012.04.002> <https://www.sciencedirect.com/science/article/pii/S0300908412001368>

1-methyladenine - the major adenylate derived secondary metabolite of the marine sponge *Geodia cydonium*

Reintamm, Tõnu; **Lopp, Annika**; **Kelve, Merike** 5th European Conference on Marine Natural Products : September 16-21, 2007, Ischia, Naples, Italy 2007 / p. 183

Origin of the interferon-inducible (2'-5')oligoadenylate synthetase in vertebrates : cloning of the (2'-5') oligoadenylate synthetase from the marine sponge *Geodia cydonium*

Wiens, M.; Kuusksalu, Anne; **Kelve, Merike**; Müller, W.E.G. FEBS letters 1999 / p. 12-18

<https://www.sciencedirect.com/science/article/pii/S0014579399014787>

Poriferan survivin exhibits a conserved regulatory role in the interconnected pathways of cell cycle and apoptosis

Luthringer, B.; Isbert, S.; Müller, W.E.; Zilberberg, C.; Thakur, N.L.; Wörheide, G.; Stauber, R.H.; **Kelve, Merike**; Wiens, M. Cell death and differentiation 2011 / 2, p. 201-213 : ill <https://www.nature.com/articles/cdd201087>

Purification of the 2',5'-oligoadenylate synthetase from the marine sponges *Geodia cydonium* and *Chondrosia reniformis*

Saby, Emilie; **Reintamm, Tõnu**; **Kelve, Merike** Journal of interferon and cytokine research 2007 / 8, p. 719

Sponge OAS has a distinct genomic structure within the 2-5A synthetase family

Reintamm, Tõnu; **Kuusksalu, Anne**; **Metsis, Madis**; **Päri, Mailis**; **Vallmann, Kerli**; **Lopp, Annika**; Justesen, Just; **Kelve, Merike**

Molecular genetics and genomics 2008 / p. 453-466 : ill <https://pubmed.ncbi.nlm.nih.gov/18797928/>

Stress protein HSP70 from marine sponge *T. muricata*

Vallmann, Kerli; **Kivisild, Carmen**; **Lopp, Annika** Abstracts : ninth world sponge conference 2013 2013 / p. 170

The stress protein HSP70 from the marine sponge *Thenea muricata*

Vallmann, Kerli; **Kivisild, Carmen**; **Lopp, Annika**; Rapp, Hans Tore; **Kelve, Merike** Journal of the Marine Biological Association of the United Kingdom 2016 / p. 573-581 : ill <https://doi.org/10.1017/S0025315415002234> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

Synthesis of 2',5'-linked nucleotides by OAS from marine sponges

Lopp, Annika; **Reintamm, Tõnu**; **Kuusksalu, Anne**; **Tammiste, Indrek**; **Pihlak, Arno**; **Kelve, Merike** VIII World Sponge Conference : Ancient Animals, new Challenges : Girona (Spain), 20-24 September 2010 : book of abstracts 2010 / p. 257

The Nitrogen-Cycling Network of Bacterial Symbionts in the Sponge *Spheciospongia vesparium*

He, Liming; **Karlep, Liisi**; Li, Zhiyong The Journal of Ocean University of China 2021 / p. 999-1012 <https://doi.org/10.1007/s11802-021-4530-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

2-5A synthetase from the marine sponge *Geodia cydonium*

Kuusksalu, Anne 2003 http://www.ester.ee/record=b1782619*est

(2'-5')-oligoadenylate synthetase in marine sponge : identification of its reaction products

Kuusksalu, Anne; Subbi, J.; **Pehk, Tõnis**; **Reintamm, Tõnu**; Müller, W.E.G.; **Kelve, Merike** European journal of biochemistry 1998 / p. 420-426

(2'-5')-oligoadenylate system in marine sponges

Kuuskalu, Anne; Subbi, J.; **Pehk, Tõnis**; Reintamm, Tõnu; **Kelve, Merike** European cytokine network 1998 / p. 326

2'-phosphodiesterase and 2', 5'-oligoadenylate synthetase activities in the lowest metazoans, sponge [porifera]

Saby, Emilie; Poulsen, Jesper Buchhave; Justesen, Just; **Kelve, Merike**; Uriz, Maria Jesus Biochimie 2009 / 11/12, p. 1531-1534

<https://www.sciencedirect.com/science/article/pii/S0300908409002211>