

**A potential role of alternative splicing in the regulation of the transcriptional activity of human GLI2 in gondal tissues**

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**Analysis of the midbrain-hindbrain boundary cell fate using a boundary cell-specific Cre-mouse strain**

Kala, Kaia; Jukkola, Tomi; Pata, Illar; Partanen, Juha Genesis 2008 / 1, p. 29-36 : ill <https://pubmed.ncbi.nlm.nih.gov/18196597/>

**Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers**

Panebianco, Concetta; Kelman, Edgar; Vene, Kristel; Gioffreda, Domenica; Tavano, Francesca; Vilu, Raivo; Terracciano, Fulvia; Pata, Illar; Adamberg, Kaarel; Andriulli, Angelo; Pazienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Catalysts derived from sustainable natural and value added alkaloids from poppies**

Silm, Estelle; Pata, Pille; Kruis, Jaqueline Cecilia; Sikerina, Anastassia; Pata, Illar; Kanger, Tõnis; Gathergood, Nicholas

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Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT

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**Comparative study reveals better far-red fluorescent protein for whole body imaging**

Luker, K. E.; Pata, Pille; Pata, Illar Scientific reports 2015 / p. 1-9 : ill <https://doi.org/10.1038/srep10332> [Journal metrics at Scopus](#)

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**Correction of the disease phenotype in the mouse model of Stargardt disease by lentiviral gene therapy**

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**DNA Hypomethylation and histone variant macroH2A1 synergistically attenuate chemotherapy-induced senescence to promote hepatocellular carcinoma progression**

Borghesan, Michela; Fusilli, Caterina; Rappa, Francesca; Panebianco, Concetta; Rizzo, Giovanni; Oben, Jude A.; Mazzocchi, Gianluigi; Faulkes, Chris; Pata, Illar Cancer Research 2016 / p. 594 - 606 <https://doi.org/10.1158/0008-5472.CAN-15-1336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Efficacy and epigenetic interactions of novel DNA hypomethylating agent guadecitabine (SGI-110) in preclinical models of hepatocellular carcinoma**

Jueliger, Simone; Lyons, John; Cannito, Sara; Pata, Illar; Pata, Pille; Školnaja, Marianna Epigenetics 2016 / p. 709-720 : ill

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**Gel electrophoresis, transfer and hybridization of nucleic acids**

Pata, Illar; Truve, Erkki Basic cloning procedures 1998 / p. 104-134

**Histone variant macroH2A1 marks liver aging and orchestrates the escape from senescence induced by DNA hypomethylation in hepatocellular carcinoma**

Vinciguerra, Manlio; Borghesan, Michela; Pata, Illar FASEB journal 2015 / p. LB445

[http://www.fasebj.org/content/29/1\\_Supplement/LB445.abstract?sid=be8d3cfb-d355-472f-85cd-be98cdd4e074](http://www.fasebj.org/content/29/1_Supplement/LB445.abstract?sid=be8d3cfb-d355-472f-85cd-be98cdd4e074)

**Histone variant macroH2A1.1 Enhances nonhomologous end joining-dependent DNA double-strand-break repair and reprogramming efficiency of human iPSCs**

Giallongo, Sebastiano; Řeháková, Daniela; Biagini, Tommaso; Lo Re, Oriana; Raina, Priyanka; Lochmanová, Gabriela; Zdráhal, Zbyněk; Resnick, Igor; Pata, Pille; Pata, Illar; Mistrik, Martin; De Magalhães, João Pedro; Mazza, Tommaso; Koutná, Irena; Vinciguerra, Manlio Stem Cells 2022 / p. 35 - 48 <https://doi.org/10.1093/stmcls/sxab004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Human centenarian-associated SIRT6 mutants modulate hepatocyte metabolism and collagen deposition in multilineage hepatic 3D spheroids**

Frohlich, Jan; Raffaele, Marco; Skalova, Helena; Leire, Eric; Pata, Illar; Pata, Pille; Gorbunova, Vera; Vinciguerra, Manlio

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**RNA silencing suppressors of plant viral and endogenous origin expressed in mammalian cells**

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**Senolytic cocktail Dasatinib+Quercetin (D+Q) does not enhance the efficacy of senescence-inducing chemotherapy in liver cancer [Online resource]**

Kovacovicova, Kristina; **Školnaja, Marianna**; **Heinmaa, Mihkel**; Mistrik, Martin; **Pata, Pille**; **Pata, Illar** Frontiers in oncology 2018 / art. 459, 7 p. : ill <https://doi.org/10.3389/fonc.2018.00459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)