

ABCE1 is essential for S phase progression in human cells

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Catalysts derived from sustainable natural and value added alkaloids from poppies

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Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]

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Cellprofiler is a fit tool for droplet digital image analysis

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Epigenetic and transcriptional control of adipocyte function by centenarian-associated SIRT6 N308K/A313S mutant

Frohlich, Jan; Liorni, Niccolo; Mangoni, Manuel; Lochmanová, Gabriela; Pirek, Pavlina; Kaštankova, Nikola; Pata, Pille; Kucera, Jan; Chaldakov, George N.; Tonchev, Anton B. Clinical epigenetics 2024 / art. 96 <https://doi.org/10.1186/s13148-024-01710-1>

First Eastern European experience of isolated limb infusion for in-transit metastatic melanoma confined to the limb: Is it still an effective treatment option in the modern era?

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High-throughput pipeline for polydisperse droplet analysis

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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, Ilar; 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, Ilar; Pata, Pille; Gorbunova, Vera; Vinciguerra, Manlio GeroScience 2023 / p. 1177 - 1196 <https://doi.org/10.1007/s11357-022-00713-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Long-Term Monitoring of Six Potato Viruses in Estonian Seed Potatoes and an Assessment of Susceptibility of Potato Varieties to PVY

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Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Holweg, Carola; Truve, Erkki; Paves, Heiti BMC plant biology 2012 <https://pubmed.ncbi.nlm.nih.gov/22672737/>

Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis [Online resource]

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Porcine circovirus type 2 ORF3 protein induces apoptosis in melanoma cells

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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]

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User-friendly analysis of droplet array images

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