

ATR kinase inhibition induces thymineless death in proliferating CD8+ T cells

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Deppas, Joshua J.; **Moiseeva, Tatiana**; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U.; Bostwick, Anna; Snyder, Nathaniel W.; Gong, Yi-Nan; Aird, Katherine M.; Delgoffe, Greg M.; Beumer, J.H.; Bakkenist, Christopher J. bioRxiv 2022 <https://doi.org/10.1101/2022.02.24.481821>

DNA valmistamise mehhanismi uurimine kannustab vähiravi leidmist

Alvela, Ain novaator.err.ee 2023 [DNA valmistamise mehhanismi uurimine kannustab vähiravi leidmist Tallinna Tehnikaülikooli teadlased otsivad võimalusi, kuidas aeglustada vähirakkude jagunemist](#)

Editorial : regulatory networks in genome stability pathways

Ashton, Nicholas W.; Prakash, Aishwarya; **Moiseeva, Tatiana** Frontiers in Genetics 2023 / art. 1171136
<https://doi.org/10.3389/fgene.2023.1171136> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

How do CD8+ T cells complete DNA replication in less than 4 hours?

Moiseeva, Tatiana The journal of immunology 2020 https://www.jimmunol.org/content/204/1_Supplement/230.22

The non-catalytic role of DNA polymerase epsilon in replication initiation in human cells

Vipat, Sameera Anant; Gupta, Dipika; Jonchhe, Sagun; **Anderspuk, Hele**; Rothenberg, Eli; **Moiseeva, Tatiana** Nature communications 2022 / art. 7099 <https://doi.org/10.1038/s41467-022-34911-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The roles of TIMELESS protein and DNA polymerase epsilon in DNA replication initiation in human cells = TIMELESS valgu ja DNA polümeraasi epsiloni rollid DNA replikatsiooni initsiatsioonis inimese rakkudes

Vipat, Sameera Anant 2025 https://www.eston.ee/record=b5748109*est <https://digikogu.taltech.ee/et/Item/1af501a7-c87f-4e13-8ab6-a0f9d33a38c6> <https://doi.org/10.23658/taltech.38/2025>

The BRCA2-interacting Protein, PDS5B, and SPIDR are novel shu complex components

Moiseeva, Tatiana Environmental and molecular mutagenesis 2020 / art. : P54, p. 75
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/em.22405>

Thymidine rescues ATR kinase inhibitor-induced deoxyuridine contamination in genomic DNA, cell death, and interferon- α/β expression

Sugitani, Norie; Vendetti, Frank P.; Cipriano, Andrew J.; Pandya, Pinakin; Deppas, Joshua J.; **Moiseeva, Tatiana**; Schamus-Haynes, Sandra; Wang, Yiyang; Palmer, Drake; Osmanbeyoglu, Hatice U. The Cell Reports 2022 / art. 111371
<https://doi.org/10.1016/j.celrep.2022.111371> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The TIMELESS roles in genome stability and beyond

Vipat, Sameera Anant; Moiseeva, Tatiana Journal of molecular biology 2024 / art. 168206, 14 p. : ill
<https://doi.org/10.1016/j.jmb.2023.168206> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

WEE1 kinase inhibitor AZD1775 induces CDK1 kinase-dependent origin firing in unperturbed G1- And S-phase cells

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