

#### **ABCE1 is essential for S phase progression in human cells**

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#### **Advancing drug–target interaction prediction: a comprehensive graph-based approach integrating knowledge graph embedding and ProtBert pretraining**

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#### **Altered expression profile of igLON family of neural cell adhesion molecules in the dorsolateral prefrontal cortex of schizophrenic patients**

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**Calorimetric approach for comparison of Angiopoietin-like protein 4 with other pancreatic lipase inhibitors**

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**A catalase-related hemoprotein in coral is specialized for synthesis of short-chain aldehydes : discovery of P450-type hydroperoxide lyase activity in a catalase**

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**Cell type-specific labelling of newly synthesized proteins by puromycin inactivation**

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**Differential susceptibility of catheter biomaterials to biofilm-associated infections and their remedy by drug-encapsulated eudragit RL100 nanoparticles**

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**DOME : recommendations for supervised machine learning validation in biology**

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**Electrochemical functionalization of gold and silicon surfaces by a maleimide group as a biosensor for immunological application**  
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**A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity**  
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**Gene expression profiling of puberty-associated genes reveals abundant tissue and sex-specific changes across postnatal development**

Hou, Huayun; **Uusküla-Reimand, Liis**; Makarem, Maisam; Corre, Christina; Saleh, Shems; Metcalf, Ariane; Goldenberg, Anna; Palmert, Mark R.; Wilson, Michael D. Human molecular genetics 2017 / p. 3585-3599 : ill <https://doi.org/10.1093/hmg/ddx246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Genome-scale metabolic modeling reveals metabolic trade-offs associated with lipid production in *Rhodotorula toruloides***

**Rekena, Alina**; Pinheiro, Marina J.; **Bonturi, Nemailla**; **Belouah, Isma**; Tammekivi, Eliise; Herodes, Koit; Kerkhoven, Eduard J.; **Lahtvee, Petri-Jaan** PLoS computational biology 2023 / art. e1011009 <https://doi.org/10.1371/journal.pcbi.1011009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**GLI2 cell-specific activity is controlled at the level of transcription and RNA processing : consequences to cancer metastasis**

**Sadam, Helle**; Liivas, Urmas; **Kazantseva, Anna**; **Pruunsild, Priit**; Kazantseva, Jekaterina; **Timmusk, Tõnis**; Neuman, Toomas; **Palm, Kaia** Biochimica et Biophysica Acta - Molecular Basis of Disease 2016 / p. 46 - 55 <https://doi.org/10.1016/j.bbdis.2015.10.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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**Gly188Arg substitution eliminates substrate inhibition in arachidonate 11R-lipoxygenase**

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**Graphene oxide-terminated hyperbranched amino polymer-carboxymethyl cellulose ternary nanocomposite for efficient removal of heavy metals from aqueous solutions**

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**Toxicity screening of fungal extracts and metabolites, xenobiotic chemicals, and indoor dusts with in vitro and ex vivo bioassay methods**

Hintikka, Tuomas; Andersson, Maria A.; Lundell, Taina; Marik, Tamas; Kredics, Laszlo; Mikkola, Raimo; Andersson, Magnus C.; **Kurnitski, Jarek**; Salonen, Heidi Pathogens 2024 / art. 217 <https://doi.org/10.3390/pathogens13030217> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**uCARE Chem Suite and uCAREChemSuiteCLI : tools for bacterial resistome prediction**

Saha, Saurav Bhaskar; **Gupta, Vijai Kumar**; Ramteke, Pramod Wasudeo Genes and Diseases 2021 / p. 721 - 729  
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**Untranslated regions of brain-derived neurotrophic factor (Bdnf) mRNA control its translatability and subcellular localization**

**Lekk, Ingrid; Cabrera-Cabrera, Florencia**; Turconi, Giorgio; Tuvikene, Jürgen; **Esvald, Eli-Eelika; Rähni, Annika**; Casserly, Laoise; Garton, Daniel R.; Andressoo, Jaan-Olle; **Timmusk, Tõnis; Koppel, Indrek** The journal of biological chemistry 2023 / art. 102897 <https://doi.org/10.1016/j.jbc.2023.102897> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**An upstream enhancer and MEF2 transcription factors fine-tune the regulation of the Bdnf gene in cortical and hippocampal neurons**

**Avarlaid, Annela; Falkenberg, Kaisa; Lehe, Karin**; Mudo, Giuseppa; Belluardo, Natale; Di Liberto, Valentina; Frinchi, Monica; Tuvikene, Jürgen; **Timmusk, Tõnis** Journal of biological chemistry 2024 / art. 107411, 12 p. : ill  
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**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**

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# **Variations on the theme of podosomes : A matter of context**

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