

**Antiproliferative and apoptotic effects of indole derivative, N-(2-hydroxy-5-nitrophenyl (4'-methylphenyl) methyl) indoline in breast cancer cells.** / Palanivel, Suresh; Murugesan, Akshaya; Subramanian, Kumar; Yli-Harja, Olli; Kandhavelu, Meenakshisundaram.

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Research output: Contribution to journal › Article › Scientific › peer-review

**Anticancer activity of THMP : Downregulation of PI3K/ S6K1 in breast cancer cell line.** / Palanivel, Suresh; Murugesan, Akshaya; Yli-Harja, Olli; Kandhavelu, Meenakshisundaram.

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Research output: Contribution to journal › Article › Scientific › peer-review

**Pulmonary toxicity of Fe<sub>2</sub>O<sub>3</sub>, ZnFe<sub>2</sub>O<sub>4</sub>, NiFe<sub>2</sub>O<sub>4</sub> and NiZnFe<sub>4</sub>O<sub>8</sub> nanomaterials : Inflammation and DNA strand breaks.** / Hadrup, Niels; Saber, Anne T.; Kyjovska, Zdenka O.; Jacobsen, Nicklas R.; Vippola, Minnamari; Sarlin, Essi; Ding, Yaobo; Schmid, Otmar; Wallin, Håkan; Jensen, Keld A.; Vogel, Ulla.

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**Alkylaminophenol induces G1/S phase cell cycle arrest in glioblastoma cells through p53 and cyclin-dependent kinase signaling pathway.** / Doan, Phuong; Musa, Aliyu; Candeias, Nuno R.; Emmert-Streib, Frank; Yli-Harja, Olli; Kandhavelu, Meenakshisundaram.

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**Neuroinformatics and Computational Modelling as Complementary Tools for Neurotoxicology Studies.** / Linne, Marja-Leena.

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**Pectin and Mucin Enhance the Bioadhesion of Drug Loaded Nanofibrillated Cellulose Films.** / Laurén, Patrick; Paukkonen, Heli; Lipiäinen, Tiina; Dong, Yujiao; Oksanen, Timo; Räikkönen, Heikki; Ehlers, Henrik; Laaksonen, Päivi; Yliperttula, Marjo; Laaksonen, Timo.

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**In vitro characterization of arylhydrazones of active methylene derivatives.** / Palanivel, Suresh; Zhurina, Anastasia; Doan, Phuong; Chandraseelan, Jerome G.; Khandelwal, Vinodh Kumar Megraj; Zubkov, Fedor I.; Mahmudov, Kamran T.; Pombeiro, Armando J.L.; Yli-Harja, Olli; Kandhavelu, Meenakshisundaram.

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**Seller's reputation and capacity on the illicit drug markets : 11-month study on the Finnish version of the Silk Road.** / Nurmi, Juha; Kaskela, Teemu; Perälä, Jussi; Oksanen, Atte.

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**Elucidation of Compression-Induced Surface Crystallization in Amorphous Tablets Using Sum Frequency Generation (SFG) Microscopy.** / Mah, Pei T.; Novakovic, Dunja; Saarinen, Jukka; van Landeghem, Stijn; Peltonen, Leena; Laaksonen, Timo; Isomäki, Antti; Strachan, Clare J.

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**Cell-based bioreporter assay coupled to HPLC micro-fractionation in the evaluation of antimicrobial properties of the basidiomycete fungus *Pycnoporus cinnabarinus*.** / Järvinen, Päivi; Nybond, Susanna; Marcourt, Laurence; Ferreira Queiroz, Emerson; Wolfender, Jean Luc; Mettälä, Aila; Karp, Matti; Vuorela, Heikki; Vuorela, Pia; Hatakka, Annele; Tammela, Päivi.

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**Resveratrol interferes with the aggregation of membrane-bound human-IAPP : A molecular dynamics study.** / Lolicato, Fabio; Raudino, Antonio; Milardi, Danilo; La Rosa, Carmelo.

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**Switchavidin : Reversible biotin-avidin-biotin bridges with high affinity and specificity.** / Taskinen, Barbara; Zauner, Dominik; Lehtonen, Soili I.; Koskinen, Masi; Thomson, Chloe; Kähkönen, Niklas; Kukkurainen, Sampo; Määttä, Juha A E; Ihalainen, Teemu O.; Kulomaa, Markku S.; Gruber, Hermann J.; Hytönen, Vesa P.

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**Coxsackievirus B3 VLPs purified by ion exchange chromatography elicit strong immune responses in mice.** / Koho, Tiia; Koivunen, Minni R L; Oikarinen, Sami; Kummola, Laura; Mäkinen, Selina; Mähönen, Anssi J.; Siiofy-Khojine, Amirbabak; Marjomäki, Varpu; Kazmertsuk, Artur; Junttila, Ilkka; Kulomaa, Markku S.; Hyöty, Heikki; Hytönen, Vesa P.; Laitinen, Olli H.

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**Indocyanine green : Photosensitizer or chromophore? Still a debate.** / Giraudeau, Camille; Moussaron, Albert; Stallivieri, Aurélie; Mordon, Serge; Frochet, Céline.

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**CARING (CAnCER Risk and INsulin analogues) : The association of diabetes mellitus and cancer risk with focus on possible determinants - a systematic review and a meta-analysis.** / Starup-Linde, Jakob; Karlstad, Øystein; Eriksen, Stine Aistrup; Vestergaard, Peter; Bronsveld, Heleen K.; de Vries, Frank; Andersen, Morten; Auvinen, Anssi; Haukka, Jari; Hjellvik, Vidar; Bazelier, Marloes T.; de Boer, Anthonius; Furu, Kari; De Bruin, Marie L.

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**Use of insulin and insulin analogs and risk of cancer - systematic review and meta-analysis of observational studies.** /

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**Reversible biofunctionalization of surfaces with a switchable mutant of avidin.** / Pollheimer, Philipp; Taskinen, Barbara; Scherfler, Andreas; Gusenkov, Sergey; Creus, Marc; Wiesauer, Philipp; Zauner, Dominik; Schöfberger, Wolfgang; Schwarzingler, Clemens; Ebner, Andreas; Tampé, Robert; Stutz, Hanno; Hytönen, Vesa P.; Gruber, Hermann J.

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**Role of the acyl groups in carbohydrate chains in cytotoxic properties of olivomycin A.** / Tevyashova, Anna N.; Durandin, Nikita A.; Vinogradov, Alexander M.; Zbarsky, Victor B.; Reznikova, Marina I.; Dezhenkova, Lyubov G.; Bykov, Eugeni E.; Olsufyeva, Eugenia N.; Kuzmin, Vladimir A.; Shtil, Alexander A.; Preobrazhenskaya, Maria N.

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**Neuroprotective effect of RO-20-1724—a phosphodiesterase4 inhibitor against intracerebroventricular streptozotocin induced cognitive deficit and oxidative stress in rats.** / Sharma, Vivek; Bala, Ashu; Deshmukh, Rahul; Bedi, K. L.; Sharma, P. L.

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**Comparative effects of high and low-dose simvastatin on prostate epithelial cells : The role of LDL.** / Murtola, Teemu J.; Syväälä, Heimo; Pennanen, Pasi; Bläuer, Merja; Solakivi, Tiina; Ylikomi, Timo; Tammela, Teuvo L J.

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**Solid-phase bromination and Suzuki coupling of 2-carboxyindoles.** / Tois, J.; Franzén, R.; Aitio, O.; Laakso, I.; Huuskonen, J.; Taskinen, J.

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