

#### **Acetaldehyde-derived modifications on cytosolic human carbonic anhydrases**

Bootorabi, F., Jänis, J., Hytönen, V. P., Valjakka, J., Kuuslahti, M., Vullo, D., Niemelä, O., Supuran, C. T. & Parkkila, S., Dec 2011, In : JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY. 26, 6, p. 862-870 9 p.

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

#### **Alkylaminophenol induces G1/S phase cell cycle arrest in glioblastoma cells through p53 and cyclin-dependent kinase signaling pathway**

Doan, P., Musa, A., Candeias, N. R., Emmert-Streib, F., Yli-Harja, O. & Kandhavelu, M., 2019, In : FRONTIERS IN PHARMACOLOGY. 10, APR, 330.

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

#### **Indocyanine green: Photosensitizer or chromophore? Still a debate**

Giraudeau, C., Moussaron, A., Stallivieri, A., Mordon, S. & Frochot, C., 2014, In : CURRENT MEDICINAL CHEMISTRY. 21, 16, p. 1871-1897 27 p.

Research output: Contribution to journal › Review 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, N., Saber, A. T., Kyjovska, Z. O., Jacobsen, N. R., Vippola, M., Sarlin, E., Ding, Y., Schmid, O., Wallin, H., Jensen, K. A. & Vogel, U., Feb 2020, In : ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY. 74, 11 p., 103303.

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

#### **Cell-based bioreporter assay coupled to HPLC micro-fractionation in the evaluation of antimicrobial properties of the basidiomycete fungus *Pycnoporus cinnabarinus***

Järvinen, P., Nybond, S., Marcourt, L., Ferreira Queiroz, E., Wolfender, J. L., Mettälä, A., Karp, M., Vuorela, H., Vuorela, P., Hatakka, A. & Tammela, P., 21 Jan 2016, In : Pharmaceutical Biology. 54, 6, p. 1-8 8 p.

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

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

Karlstad, Ø., Starup-Linde, J., Vestergaard, P., Hjellvik, V., Bazelier, M. T., Schmidt, M. K., Andersen, M., Auvinen, A., Haukka, J., Furu, K., de Vries, F. & de Bruin, M. L., Dec 2013, In : CURRENT DRUG SAFETY. 8, 5, p. 333-348 16 p.

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

#### **Coxsackievirus B3 VLPs purified by ion exchange chromatography elicit strong immune responses in mice**

Koho, T., Koivunen, M. R. L., Oikarinen, S., Kummola, L., Mäkinen, S., Mähönen, A. J., Sioofy-Khojine, A., Marjomäki, V., Kazmertsuk, A., Junttila, I., Kulomaa, M. S., Hyöty, H., Hytönen, V. P. & Laitinen, O. H., Apr 2014, In : ANTIVIRAL RESEARCH. 104, 1, p. 93-101 9 p.

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

#### **Pectin and Mucin Enhance the Bioadhesion of Drug Loaded Nanofibrillated Cellulose Films**

Laurén, P., Paukkonen, H., Lipiäinen, T., Dong, Y., Oksanen, T., Räikkönen, H., Ehlers, H., Laaksonen, P., Yliperttula, M. & Laaksonen, T., 1 Jul 2018, In : Pharmaceutical Research. 35, 7, 145.

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

#### **Neuroinformatics and Computational Modelling as Complementary Tools for Neurotoxicology Studies**

Linne, M-L., Sep 2018, In : Basic and Clinical Pharmacology and Toxicology. 123, S5, p. 56-61

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

#### **Resveratrol interferes with the aggregation of membrane-bound human-IAPP: A molecular dynamics study**

Lolicato, F., Raudino, A., Milardi, D. & La Rosa, C., 6 Mar 2015, In : European Journal of Medicinal Chemistry. 92, p. 876-881 6 p.

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

#### **Elucidation of Compression-Induced Surface Crystallization in Amorphous Tablets Using Sum Frequency Generation (SFG) Microscopy**

Mah, P. T., Novakovic, D., Saarinen, J., van Landeghem, S., Peltonen, L., Laaksonen, T., Isomäki, A. & Strachan, C. J., May 2017, In : Pharmaceutical Research. 34, 5, p. 957-970 14 p.

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

### **Unity is strength**

Maunoury, V., Mordon, S. & Bulois, P., Apr 2011, In : CHEMOTHERAPY. 57, 2, p. 145-146 2 p.

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

### **Comparative effects of high and low-dose simvastatin on prostate epithelial cells: The role of LDL**

Murtola, T. J., Syväälä, H., Pennanen, P., Bläuer, M., Solakivi, T., Ylikomi, T. & Tammela, T. L. J., 30 Dec 2011, In : European Journal of Pharmacology. 673, 1-3, p. 96-100 5 p.

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

### **Seller's reputation and capacity on the illicit drug markets: 11-month study on the Finnish version of the Silk Road**

Nurmi, J., Kaskela, T., Perälä, J. & Oksanen, A., 1 Sep 2017, In : DRUG AND ALCOHOL DEPENDENCE. 178, p. 201-207 7 p.

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

### **In vitro characterization of arylhydrazones of active methylene derivatives**

Palanivel, S., Zhurina, A., Doan, P., Chandraseelan, J. G., Khandelwal, V. K. M., Zubkov, F. I., Mahmudov, K. T., Pombeiro, A. J. L., Yli-Harja, O. & Kandhavelu, M., 2018, In : Saudi Pharmaceutical Journal. 26, 3, p. 430-436

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

### **Anticancer activity of THMPP: Downregulation of PI3K/ S6K1 in breast cancer cell line**

Palanivel, S., Murugesan, A., Yli-Harja, O. & Kandhavelu, M., 1 Apr 2020, In : Saudi Pharmaceutical Journal. 28, 4, p. 495-503 9 p.

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

### **Antiproliferative and apoptotic effects of indole derivative, N-(2-hydroxy-5-nitrophenyl (4'-methylphenyl) methyl) indoline in breast cancer cells**

Palanivel, S., Murugesan, A., Subramanian, K., Yli-Harja, O. & Kandhavelu, M., 15 Aug 2020, In : European Journal of Pharmacology. 881, 173195.

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

### **Reversible biofunctionalization of surfaces with a switchable mutant of avidin**

Pollheimer, P., Taskinen, B., Scherfler, A., Gusenkoy, S., Creus, M., Wiesauer, P., Zauner, D., Schöfberger, W., Schwarzinger, C., Ebner, A., Tampé, R., Stutz, H., Hytönen, V. P. & Gruber, H. J., 16 Oct 2013, In : Bioconjugate Chemistry. 24, 10, p. 1656-1668 13 p.

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

### **Neuroprotective effect of RO-20-1724-a phosphodiesterase4 inhibitor against intracerebroventricular streptozotocin induced cognitive deficit and oxidative stress in rats**

Sharma, V., Bala, A., Deshmukh, R., Bedi, K. L. & Sharma, P. L., Apr 2012, In : PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR. 101, 2, p. 239-245 7 p.

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

### **Evaluation of Caesalpinia pulcherrima Linn. for anti-inflammatory and antiulcer activities**

Sharma, V. & Rajani, G., Apr 2011, In : INDIAN JOURNAL OF PHARMACOLOGY. 43, 2, p. 168-171 4 p.

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

### **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, J., Karlstad, Ø., Eriksen, S. A., Vestergaard, P., Bronsveld, H. K., de Vries, F., Andersen, M., Auvinen, A., Haukka, J., Hjellvik, V., Bazelier, M. T., de Boer, A., Furu, K. & De Bruin, M. L., Dec 2013, In : CURRENT DRUG SAFETY. 8, 5, p. 296-332 37 p.

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

### **Switchavidin: Reversible biotin-avidin-biotin bridges with high affinity and specificity**

Taskinen, B., Zauner, D., Lehtonen, S. I., Koskinen, M., Thomson, C., Kähkönen, N., Kukkurainen, S., Määttä, J. A. E., Ihalainen, T. O., Kulomaa, M. S., Gruber, H. J. & Hytönen, V. P., 17 Dec 2014, In : Bioconjugate Chemistry. 25, 12, p.

2233-2243 11 p.

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

**Role of the acyl groups in carbohydrate chains in cytotoxic properties of olivomycin A**

Tevyashova, A. N., Durandin, N. A., Vinogradov, A. M., Zbarsky, V. B., Reznikova, M. I., Dezhenkova, L. G., Bykov, E. E., Olsufyeva, E. N., Kuzmin, V. A., Shtil, A. A. & Preobrazhenskaya, M. N., Sep 2013, In : JOURNAL OF ANTIBIOTICS. 66, 9, p. 523-530 8 p.

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

**Solid-phase bromination and Suzuki coupling of 2-carboxyindoles**

Tois, J., Franzén, R., Aitio, O., Laakso, I., Huuskonen, J. & Taskinen, J., 2001, In : Combinatorial Chemistry and High Throughput Screening. 4, 6, p. 521-524 4 p.

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