Research output

Discovery of potent 4-aminoquinoline hydrazone inhibitors of NRH:quinoneoxidoreductase-2 (NQO2)
DOI: 10.1016/j.ejmech.2019.111649

Radiosynthesis and reactivity of N-[11C]methyl carbamoylimidazole
Kadirvel, M., Cardoso, D., Freeman, S. & Brown, G., Aug 2018, In : Journal of Radioanalytical and Nuclear Chemistry. 317(2)
DOI: 10.1007/s10967-018-5948-4

Synthesis and antibacterial activities of enamine derivatives of dehydroacetic acid
DOI: 10.1007/s00044-017-2110-8

Design, Synthesis and Evaluation of Novel Oxazaborine Inhibitors of the NLRP3 Inflammasome
DOI: 10.1002/cmdc.201700731

Development of a characterised tool kit for the interrogation of NLRP3 inflammasomedependent responses
DOI: 10.1038/s41598-018-24029-3

Evaluation of analogues of furan-amidines as inhibitors of NQO2
DOI: 10.1016/j.bmcl.2018.03.025

Is targeting the inflammasome a way forward for neuroscience drug discovery?
DOI: 10.1177/2472555218786210

Boron based Inhibitors of the NLRP3 inflammasome
DOI: 10.1016/j.chembiol.2017.08.011

In Vitro Evaluation of Third Generation PAMAM Dendrimer Conjugates
DOI: 10.3390/molecules22101661

Pentapeptides for the treatment of small cell lung cancer: Optimisation by N^ind-alkylation modification of the tryptophan side chain
DOI: 10.1016/j.ejmech.2017.05.053
N-tert-Prenylation of indole ring improves the cytotoxicity of a short antagonist G analogue against Small Cell Lung Cancer
DOI: 10.1039/c6md00691d

Fenamate NSAIDs inhibit the NLRP3 inflammasome and protect against Alzheimer's disease in rodent models
DOI: 10.1038/ncomms12504

Non-symmetrical furan-amidines as novel leads for the treatment of cancer and malaria
DOI: 10.1016/j.ejmech.2016.01.022

Inhibiting the Inflammasome: A Chemical Perspective
DOI: 10.1021/acs.jmedchem.5b01091

Inhibition of quorum sensing and biofilm formation in Vibrio harveyi by 4-fluoro-DPD; A novel potent inhibitor of AI-2 signalling
DOI: 10.1039/c3cc49678c

Integrated examinations: supporting students with team-based learning

Detection of apoptosis by PET/CT with the diethyl ester of [18F]ML-10 and fluorescence imaging with a dansyl analogue
DOI: 10.1016/j.bmc.2013.11.019

Team Based Learning: Preparing pharmacy students for an integrated curriculum during induction