

Ian Tietjen's Select Publications

* = Corresponding author; # = Co-first author

Ansellone J, a Potent in Vitro and ex Vivo HIV-1 Latency Reversal Agent Isolated from a *Phorbasp. Marine Sponge*.

Wang M, Sciorillo A, Read S, Divsalar DN, Gyampoh K, Zu G, Yuan Z, Mounzer K, Williams DE, Montaner LJ, de Voogd N, **Tietjen I***, Andersen RJ*.

J Nat Prod. 2022 May 27;85(5):1274-1281. doi: 10.1021/acs.jnatprod.1c01225. Epub 2022 May 6. PMID: 35522580.

The Natural Stilbenoid (-)-Hopeaphenol Inhibits Cellular Entry of SARS-CoV-2 USA-WA1/2020, B.1.1.7, and B.1.351 Variants.

Tietjen I*, Cassel J, Register ET, Zhou XY, Messick TE, Keeney F, Lu LD, Beattie KD, Rali T, Tebas P, Ertl HCJ, Salvino JM, Davis RA, Montaner LJ*.

Antimicrob Agents Chemother. 2021 Nov 17;65(12):e0077221. doi: 10.1128/AAC.00772-21. Epub 2021 Sep 20.

PMID: 34543092.

Flavonoid-based inhibition of cyclin-dependent kinase 9 without concomitant inhibition of histone deacetylases durably reinforces HIV latency.

Schonhofer C, Yi J, Sciorillo A, Andrae-Marobela K, Cochrane A, Harris M, Brumme ZL, Brockman MA, Mounzer K, Hart C, Gyampoh K, Yuan Z, Montaner LJ, **Tietjen I***.

Biochem Pharmacol. 2021 Apr;186:114462. doi: 10.1016/j.bcp.2021.114462. Epub 2021 Feb 10. PMID: 33577894.

The African natural product knipholone anthrone and its analogue anthralin (dithranol) enhance HIV-1 latency reversal.

Richard K, Schonhofer C, Giron LB, Rivera-Ortiz J, Read S, Kannan T, Kinloch NN, Shahid A, Feilcke R, Wappler S, Imming P, Harris M, Brumme ZL, Brockman MA, Mounzer K, Kossenkov AV, Abdel-Mohsen M, Andrae-Marobela K, Montaner LJ, **Tietjen I***.

J Biol Chem. 2020 Oct 9;295(41):14084-14099. doi: 10.1074/jbc.RA120.013031. Epub 2020 Aug 11. PMID: 32788215.

Put a cork in it: Plugging the M2 viral ion channel to sink influenza.

Jalily PH, Duncan MC, Fedida D, Wang J, **Tietjen I***.

Antiviral Res. 2020 Jun;178:104780. doi: 10.1016/j.antiviral.2020.104780. Epub 2020 Mar 27.

PMID: 32229237. Review.

Natural product-derived compounds in HIV suppression, remission, and eradication strategies.

Andersen RJ, Ntie-Kang F, **Tietjen I***.

Antiviral Res. 2018 Oct;158:63-77. doi: 10.1016/j.antiviral.2018.07.016. Epub 2018 Jul 29.

PMID: 30063970 Review.

Inhibition of NF- κ B-dependent HIV-1 replication by the marine natural product bengamide A.

Tietjen I*, Williams DE, Read S, Kuang XT, Mwimanzi P, Wilhelm E, Markle T, Kinloch NN, Naphen CN, Tenney K, Mesplède T, Wainberg MA, Crews P, Bell B, Andersen RJ, Brumme ZL*, Brockman MA*.

Antiviral Res. 2018 Apr;152:94-103. doi: 10.1016/j.antiviral.2018.02.017. Epub 2018 Feb 22.

PMID: 29476895.

The Croton megalobotrys Müll Arg. traditional medicine in HIV/AIDS management: Documentation of patient use, in vitro activation of latent HIV-1 provirus, and isolation of active phorbol esters.

Tietjen I*, Ngwenya BN, Fotso G, Williams DE, Simonambango S, Ngadjui BT, Andersen RJ, Brockman MA, Brumme ZL, Andrae-Marobela K*.

J Ethnopharmacol. 2018 Jan 30;211:267-277. doi: 10.1016/j.jep.2017.09.038. Epub 2017 Sep 29. PMID: 28970153.

Novel Acylguanidine-Based Inhibitor of HIV-1.

Mwimanzi P#, **Tietjen I#**, Miller SC, Shahid A, Cobarrubias K, Kinloch NN, Baraki B, Richard J, Finzi A, Fedida D, Brumme ZL, Brockman MA.

J Virol. 2016 Sep 29;90(20):9495-508. doi: 10.1128/JVI.01107-16. Print 2016 Oct 15. PMID: 27512074.

Croton megalobotrys Müll Arg. and Vitex doniana (Sweet): Traditional medicinal plants in a three-step treatment regimen that inhibit in vitro replication of HIV-1.

Tietjen I, Gatonye T, Ngwenya BN, Namushe A, Simonambanga S, Muzila M, Mwimanzi P, Xiao J, Fedida D, Brumme ZL, Brockman MA, Andrae-Marobela K.

J Ethnopharmacol. 2016 Sep 15;191:331-340. doi: 10.1016/j.jep.2016.06.040. Epub 2016 Jun 24. PMID: 27350006.

Complete list of publications:

https://www.ncbi.nlm.nih.gov/myncbi/1ZmyAU_9Em6AE/bibliography/public/