

Ian Tietjen's Select Publications

[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, Mounder K, Kossenkov AV, Abdel-Mohsen M, Andrae-Marobela K, Montaner LJ, **Tietjen I.** J Biol Chem. 2020 Aug 11;jbc.RA120.013031. doi: 10.1074/jbc.RA120.013031. Online ahead of print.PMID: 32788215

[Virtual Screening Identifies Chebulagic Acid as an Inhibitor of the M2\(S31N\) Viral Ion Channel and Influenza A Virus.](#)

Duncan MC, Onguéné PA, Kihara I, Nebangwa DN, Naidu ME, Williams DE, Balgi AD, Andrae-Marobela K, Roberge M, Andersen RJ, Niikura M, Ntie-Kang F, **Tietjen I.**Molecules. 2020 Jun 24;25(12):2903. doi: 10.3390/molecules25122903.PMID: 32599753 **Free PMC article.**

[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 **Free PMC article.** 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.

[Identification of Novel HIV-1 Latency-Reversing Agents from a Library of Marine Natural Products.](#)

Richard K, Williams DE, de Silva ED, Brockman MA, Brumme ZL, Andersen RJ, **Tietjen I.** Viruses. 2018 Jun 27;10(7):348. doi: 10.3390/v10070348.PMID: 29954099 **Free PMC article.**

[Inhibition of NF- \$\kappa\$ 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** (equal contribution), 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 **Free PMC article.**

[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

[Screening of the Pan-African natural product library identifies ixoratannin A-2 and boldine as novel HIV-1 inhibitors.](#)

**Tietjen I**, Ntie-Kang F, Mwimanzi P, Onguéné PA, Scull MA, Idowu TO, Ogundaini AO, Meva'a LM, Abegaz BM, Rice CM, Andrae-Marobela K, Brockman MA, Brumme ZL, Fedida D. *PLoS One.* 2015 Apr 1;10(4):e0121099. doi: 10.1371/journal.pone.0121099. eCollection 2015. PMID: 25830320 **Free PMC article.**

PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=tietjen+i&sort=date>