

Plant-derived products may help fight HBV

January 17 2017

Researchers have found that certain plant-derived products may help prevent and treat hepatitis B virus (HBV) infection. Proanthocyanidin (PAC) and its analogs, oolonghomobisflavanes, act by inhibiting viral entry into host cells.

The investigators noted that PAC was effective even against treatment-resistant HBV strains, and it augmented the ability of the antiviral drug tenofovir to interrupt HBV spread in human cells.

"PAC represents a specific inhibitor against HBV that is a less toxic plant-derived agent used as a dietary supplement," said Dr. Koichi Watashi, co-author of the *Hepatology* study.

More information: Senko Tsukuda et al, A new class of hepatitis B and D virus entry inhibitors, proanthocyanidin and its analogs, that directly act on the viral large surface proteins, *Hepatology* (2017). [DOI: 10.1002/hep.28952](https://doi.org/10.1002/hep.28952)

Provided by Wiley

Citation: Plant-derived products may help fight HBV (2017, January 17) retrieved 25 April 2024 from <https://medicalxpress.com/news/2017-01-plant-derived-products-hbv.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--