Terpenoids for medicine

Fischedick, J.

Curriculum Vitae

Justin Fischedick was born January 1st 1984 on Long Island, New York in the United States of America. In 2002 he completed high-school at Sachem School disctrict on Long Island. In 2002 he began undergraduate education at the State University of New York College of Environmental Science and Forestry (SUNY-ESF). During this time he gained valuable lab experience by both working and doing undergraduate research project in biochemistry lab under the direction of Dr. Greg Boyer studying cyanobacterial toxins. In 2006 Justin Fischedick graduated from SUNY-ESF with a bachelor's of science with a focus on biotechnology. From 2006 to 2008 he earned a master's degree in science at the Leiden University, Institute of Biology, Natural Products Laboratory. His research project during this time focused on chemical characterization of *Cannabis sativa* and bioactivity of its essential oil. In 2008 he began a PhD at Leiden University, Institute of Biology, Natural Products Laboratory with a focus on the chemistry of terpenoids.

List of Publications:

Fischedick, J., Standiford, M., Johnson, D., De Vos, R., Todorović, S., Banjanac, T., Verpoorte, R., Johnson, J., 2012. Activation of Antioxidant Response Element in Mouse Primary Cortical Cultures with Sesquiterpene Lactones Isolated from Tanacetum parthenium. Planta Medica 78, 1725–1730.

Fischedick, J.T., Hazekamp, A., Erkelens, T., Choi, Y.H., Verpoorte, R., 2010. Metabolic fingerprinting of Cannabis sativa L., cannabinoids and terpenoids for chemotaxonomic and drug standardization purposes. Phytochemistry 71, 2058–2073.

Fischedick, J., Van Der Kooy, F., Verpoorte, R., 2010. Cannabinoid receptor 1 binding activity and quantitative analysis of Cannabis sativa L. smoke and vapor. Chemical Pharmaceutical Bulletin 58, 201–207.

Fischedick, J.T., Glas, R., Hazekamp, A., Verpoorte, R., 2009. A qualitative and quantitative HPTLC densitometry method for the analysis of cannabinoids in Cannabis sativa L. Phytochemical Analysis 20, 421–426.

Hazekamp, A., Fischedick, J.T., 2012. Cannabis - from cultivar to chemovar. Drug Testing and Analysis 4, 660–667.

Hazekamp, A., Fischedick, J.T., Díez, M.L., Lubbe, A., Ruhaak, R.L., 2010. 3.24 - Chemistry of Cannabis, in: Comprehensive Natural Products II. Elsevier, Oxford, pp. 1033–1084.

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