Discovery of selective diacylglycerol lipase β inhibitors

Zhu, N.

List of publications

Discovery of selective DAGLβ inhibitors that reduce inflammation

Zhu, N., Vleig, H. C., Rüegger, J., Straub, V. M., Grether, U., Di, X., van den Berg, R. J. B. H. N., Driever, W. P. F., van Egmond, N., van der Horst, C., Heitman, L. H., Janssen, A. P. A., van der Stelt, M. *Manuscript in preparation*

Structure-activity relationship studies lead to DAGLβ selective inhibitors

Zhu, N., Herry, B. S., de Ruiter, J., van Workum, D., van der Woude, R., van den Berg, R. J. B. H. N., Janssen, A. P. A., van der Stelt, M. *Manuscript in preparation*

Understanding and Targeting the Endocannabinoid System with Activity-Based Protein Profiling

Zhu, N., Janssen, A. P. A., van der Stelt, M. *Isr. J. Chem.* 63, e202200115 (2023).

Dendritic-Polymer-Based Nanomaterials for Cancer Diagnosis and Therapy

Zhu, N., Gong, Q, Gu, Z., Luo, K. *Nanobiomaterials: Classification, Fabrication and Biomedical Applications, Chapter 17* (2017)

Curriculum Vitae

Na Zhu was born on August 25th, 1993, in Ganzhou, Jiangxi province, China. After graduating from Ganxian Middle School, she commenced her bachelor's studies at Sichuan University with a major in pharmacy. She conducted a research internship titled "*Development of linear HPMA-GFLG-Paclitaxel copolymer nanocarriers*" under the supervision of Prof. dr. Kui Luo and Prof. dr. Zhongwei Gu. In 2015, she earned her Bachelor of Science degree.

In 2017, she started her master's studies in Chemistry with a specialization in "Research in Chemistry" at Leiden University. As part of the master's program, she undertook a research internship in the Molecular Physiology group under the supervision of Prof. dr. M. van der Stelt. The research, titled "*Development of Bub1 inhibitors based on OSI-420 analogues*", aimed to develop inhibitors with improved potency against Bub1. In 2019, Na obtained her master's degree.

In the same year, she started her doctoral studies in the same group under the supervision of Prof. dr. M. van der Stelt, Dr. A.P.A. Janssen, and Dr. R.J.B.H.N. van den Berg, which eventually led to the publication of this thesis. Parts of the research described here were orally presented at NWO CHAINS (Veldhoven, 2022) and poster presented at Cannabinoid Function in the CNS Gordon Research Conference (Barcelona, 2023).