

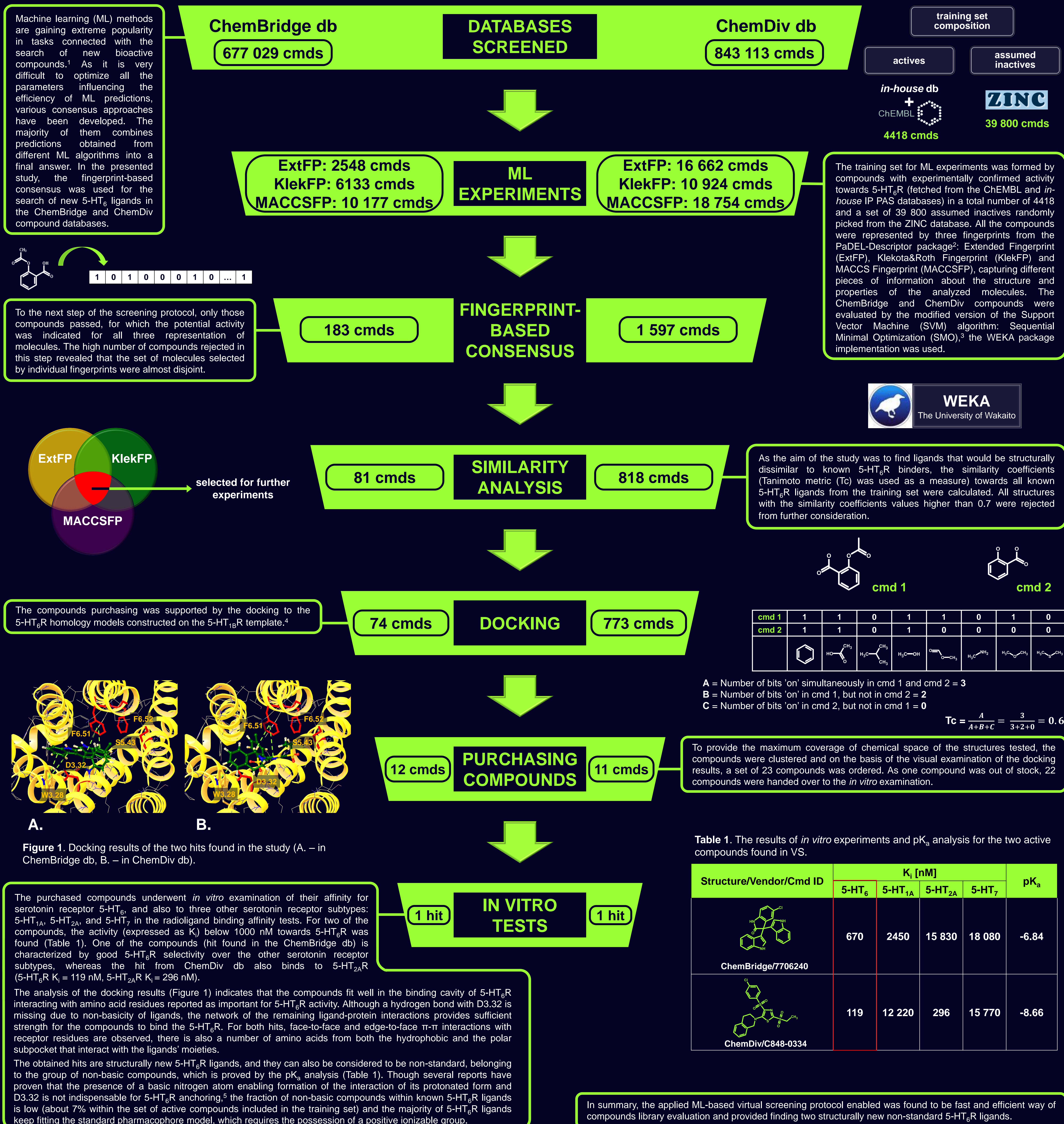
New non-basic ligands of serotonin receptor 5-HT₆ as a result of virtual screening based on machine learning methods

Sabina Podlewska^{a,b}, Rafał Kurczab^a, Grzegorz Satała^a, Andrzej J. Bojarski^a

^aDepartment of Medicinal Chemistry, Institute of Pharmacology Polish Academy of Sciences, 12 Smętna Street, 31-343 Kraków

^bFaculty of Chemistry, Jagiellonian University, 3 Ingardena Street, 30-060 Kraków

e-mail: smusz@if-pan.krakow.pl



References

- Melville, J. L.; Burke, E. K.; Hirst, J. D. *Comb. Chem. High Throughput Screen.* **2009**, *12*, 332.
- Yap, C. W. E. I. *J. Comput. Chem.* **2010**, *32*, 1466.
- Platt, J. C. Tech. Report (Microsoft research) **1998**, MSR-TR-98-14.1.
- Wang, C.; Jiang, Y.; Ma, J.; Wu, H.; Wacker, D.; Katrich, V.; Han, G. W.; Liu, W.; Huang, X. P.; Vardy, E.; McCorvy, J. D.; Gao, X.; Zhou, X. E.; Melcher, K.; Zhang, C.; Bai, F.; Yang, H.; Yang, L.; Jiang, H.; Roth, B. L.; Cherezov, V.; Stevens, R. C.; Xu, H. E. *Science* **2013**, *340*, 610.
- Ivachtchenko, A. V.; Dmitriev, D. E.; Golovina, E. S.; Kadieva, M. G.; Koryakova, A. G.; Kysil, V. M.; Mitkin, O. D.; Okun, I. M.; Tkachenko, S. E.; Vorobiev, A. A. *J. Med. Chem.* **2010**, *53*, 5186.

Acknowledgments

The study was partially supported by the Polish-Norwegian Research programme operated by the National Centre for Research and Development under the Norwegian Financial Mechanism 2009-2014 in the frame of the Project PLATFORMex (Pol-Nor/198877/3/2013).

