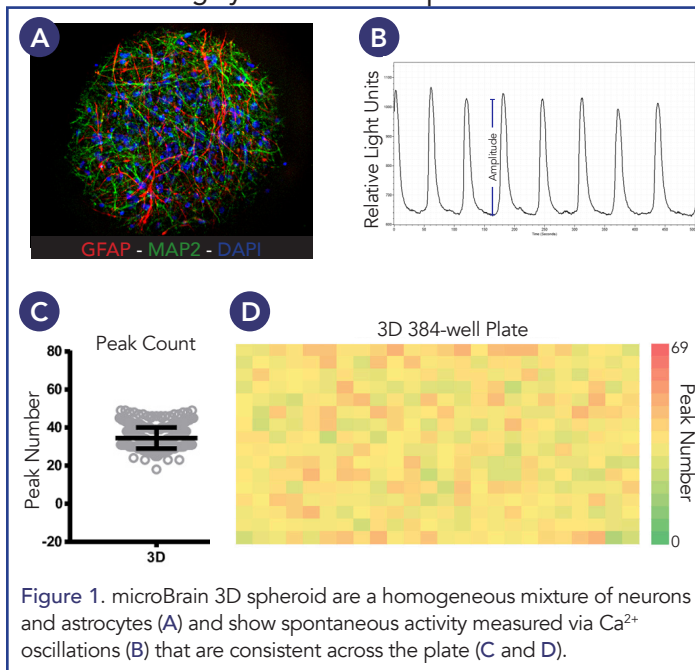


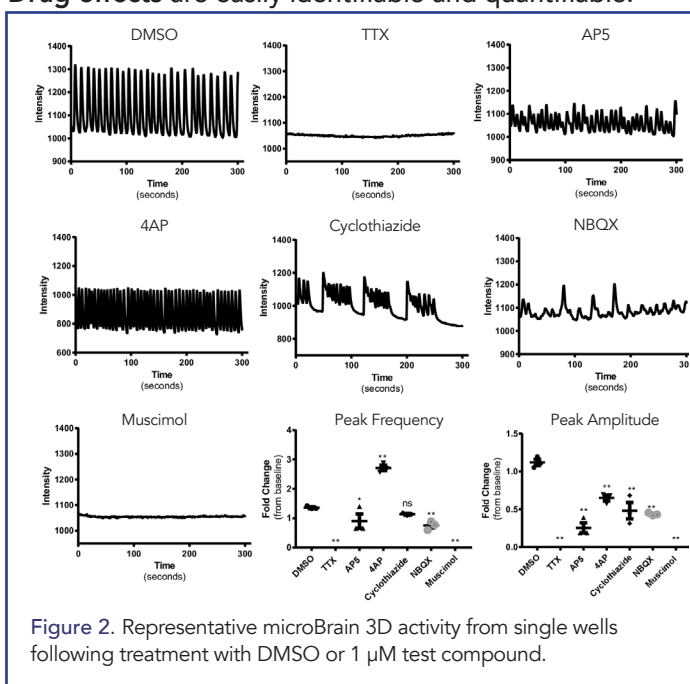
PLoS ONE 15(10): e0240991; Woodruff et al. (22 Oct. 2020)

The StemoniX microBrain 3D platform is filling a need for human-based CNS drug discovery with a robust, high-throughput platform for modulating and measuring activity in human iPSC-derived neural cultures. In their recent paper, scientists at Janssen Research, LLC demonstrated how the StemoniX microBrain 3D platform can be used as a foundational platform for phenotypic and target-based CNS discovery efforts.

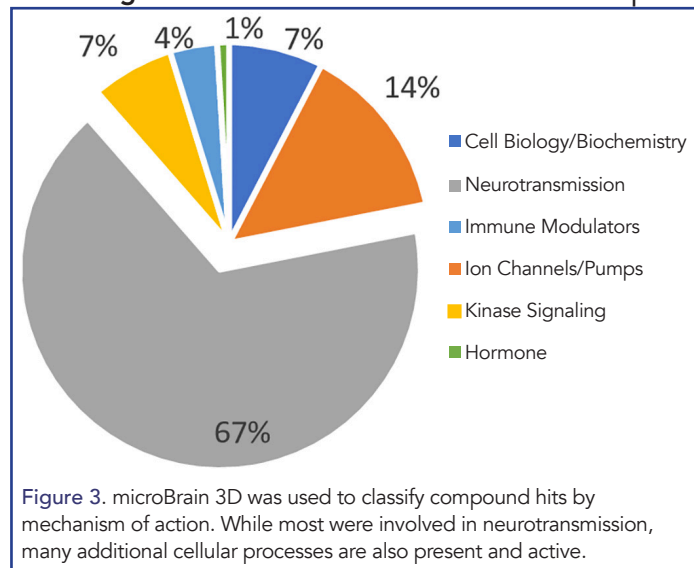
microBrain is highly uniform in composition and function.



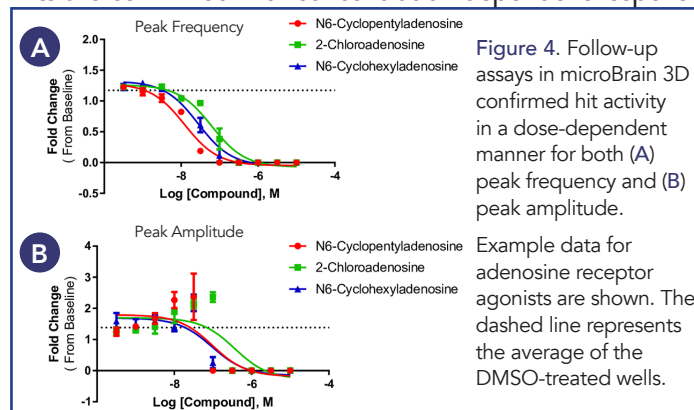
Drug effects are easily identifiable and quantifiable.



Novel targets & hits are found across diverse cellular processes.



Hits are confirmed with concentration-dependent responses.



microBrain 3D spheroids

- Consist of functionally active neurons and astrocytes
- Enable high-throughput drug discovery across multiple cellular processes
- Place human biology at the front of CNS-based drug discovery

For more information on this or other papers, custom disease models, or service contracts, please contact us at sales@stemonix.com