

## Matteo Santoro Pharm.D., Ph.D.

Basic Life Research Scientist, Pathology - Montine Lab

### Bio

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#### PROJECTS

- **Globo-temporal profile of neurodegeneration in the 6-hydroxydopamine mouse model of Parkinson's disease** - Stanford University (March 7, 2021 - November 30, 2024)
- **Discovery of DAPK1 and CMGC kinase inhibitors for the treatment of brain disorders** (March 7, 2021 - present)

### Publications

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#### PUBLICATIONS

- **Epigenomic profile of GBA1 in Parkinson's disease.** *Parkinsonism & related disorders*  
Berson, E., Zaghroun, R., Santoro, M., Bukhari, S., Seong, D., Shu, C. H., Perna, A., James, T., Montine, K. S., Serrano, G. E., Beach, T. G., Keene, C. D., Chang, et al  
2025; 140: 108066
- **Mapping of catecholaminergic denervation, neurodegeneration, and inflammation in 6-OHDA-treated Parkinson's disease mice.** *NPJ Parkinson's disease*  
Santoro, M., Lam, R. K., Blumenfeld, S. E., Tan, W., Ciari, P., Chu, E. K., Saw, N. L., Rijsketic, D. R., Lin, J. S., Heifets, B. D., Shamloo, M.  
2025; 11 (1): 28
- **Mapping of catecholaminergic denervation, neurodegeneration, and inflammation in 6-OHDA-treated Parkinson's disease mice.** *Research square*  
Santoro, M., Lam, R. K., Blumenfeld, S. E., Tan, W., Ciari, P., Chu, E. K., Saw, N. L., Rijsketic, D. R., Lin, J. S., Heifets, B. D., Shamloo, M.  
2024
- **Neurochemical, histological and behavioral profiling of the acute, sub-acute and chronic MPTP mouse model of Parkinson's disease.** *Journal of neurochemistry*  
Santoro, M., Fadda, P., Klephan, K. J., Hull, C., Teismann, P., Platt, B., Riedel, G.  
2022
- **Role of Histone Deacetylases (HDACs) in Epilepsy and Epileptogenesis.** *Current pharmaceutical design*  
Citraro, R., Leo, A., Santoro, M., D'agostino, G., Constanti, A., Russo, E.  
2017; 23 (37): 5546-5562
- **In-vivo evidence that high mobility group box 1 exerts deleterious effects in the 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine model and Parkinson's disease which can be attenuated by glycyrrhizin.** *Neurobiology of disease*  
Santoro, M., Maetzler, W., Stathakos, P., Martin, H. L., Hobert, M. A., Rattay, T. W., Gasser, T., Forrester, J. V., Berg, D., Tracey, K. J., Riedel, G., Teismann, P.  
2016; 91: 59-68
- **Evidence for a role of adaptive immune response in the disease pathogenesis of the MPTP mouse model of Parkinson's disease.** *Glia*  
Martin, H. L., Santoro, M., Mustafa, S., Riedel, G., Forrester, J. V., Teismann, P.  
2016; 64 (3): 386-95