## Contents

Michael Bell and Hans Zempel  
**SH-SY5Y-derived neurons: a human neuronal model system for investigating TAU sorting and neuronal subtype-specific TAU vulnerability** — 1

Alberto Raggi, Giuseppe Lanza and Raffaele Ferri  
**Auditory mismatch negativity in bipolar disorder: a focused review** — 17

Kiyohiko Nakamura  
**Information seeking criteria: artificial intelligence, economics, psychology, and neuroscience** — 31

**The influence of rs53576 polymorphism in the oxytocin receptor (OXTR) gene on empathy in healthy adults by subtype and ethnicity: a systematic review and meta-analysis** — 43

Shiyi Xie, Yan Hu, Li Fang, Shijia Chen, Benson O.A. Botchway, Xiaoning Tan, Marong Fang and Zhiying Hu  
**The association of oxytocin with major depressive disorder: role of confounding effects of antidepressants** — 59

Masoomeh Dadkhah, Sahand Talei, Donya Doostkamel, Soheila Molaei and Nima Rezaei  
**The impact of COVID-19 on diagnostic biomarkers in neuropsychiatric and neuroimmunological diseases: a review** — 79

Fazal Abdul, Nikhitha Sreenivas, John Vijay Sagar Kommu, Moinak Banerjee, Michael Berk, Michael Maes, Marion Leboyer and Monojit Debnath  
**Disruption of circadian rhythm and risk of autism spectrum disorder: role of immune-inflammatory, oxidative stress, metabolic and neurotransmitter pathways** — 93