

May  
14<sup>th</sup>  
2024

4:00 PM CET  
VIRTUAL

iPSZÜRICH

A Lecture Series Focused on Induced Pluripotent Stem Cells



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## Advanced Stem Cell Research Empowered By Biophotonics

Although human induced pluripotent stem cells (hiPSCs) offer advantages for modeling diseases and developing new therapeutic strategies, there are several obstacles to be resolved. Our group has adopted and repurposed the optogenetics approaches into hiPSC studies, which enabled us to revolutionize the hiPSC biomanufacturing and recapitulate key pathology of late-onset neurodegenerative diseases.



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