

Symposium | Art : [Symposium 105] Progress in biological signature and care for youth mental health crisis

📅 Sun. Sep 28, 2025 2:50 PM - 4:20 PM JST | Sun. Sep 28, 2025 5:50 AM - 7:20 AM UTC 🏢 Session Room 6 (Conference Room B)

[Symposium 105] Progress in biological signature and care for youth mental health crisis

Moderator: Akitoyo Hishimoto (Kobe University Graduate School of Medicine)

[SY-105-04] Implementation and Evaluation of Metaverse-Based Mental Health Services for Youth

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Clinical testing of metaverse-based mental health services examined psychiatric consultation and music therapy modalities. Psychiatric consultations (n=26, ages 16-25) through VRChat® and WorkRooms® demonstrated 76% satisfaction among participants, effectively serving individuals with social anxiety, sensory sensitivities, and mobility challenges. Technical limitations manifested in VR goggle discomfort (44.4%) and audio latency (37.0%). Music therapy assessment, conducted across two virtual environments under professional supervision, revealed significant constraints in delivering traditional therapeutic interventions due to audio synchronization issues, limiting effectiveness to non-rhythmic musical experiences. The platform shows promise for psychiatric consultations while highlighting current technological barriers to comprehensive music therapy implementation. These findings inform future development of virtual mental health services, particularly regarding audio-dependent therapeutic modalities.