Professor Benjamin Becker
Professor of Cognitive and Affective Neuroscience
Principal Investigator
State Key Laboratory of Brain and Cognitive Sciences
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Biography
Professor Benjamin Becker is currently a Professor of Cognitive and Affective Neuroscience at The University of Hong Kong and Principal Investigator in the State Key Laboratory of Brain and Cognitive Sciences.

He received his Master and PhD Degrees at the Universities of Trier and Duesseldorf in Germany. During his postdoctoral studies at the Department of Psychiatry of the University of Bonn he received training in affective neuroscience and advanced neuroimaging and subsequently established a research group as high-level foreign expert awarded Professor at the University of Electronic Science and Technology of China.

His research aims at determining the dynamic behavioral and neural mechanisms of emotional experiences, how these mechanisms become dysregulated in stress-related disorders and can be target by novel neuromodulatory strategies. His team capitalizes on advanced neuroimaging in combination with machine learning based neural decoding and computational modeling as well as neuromodulation, such as real-time fMRI neurofeedback and novel pharmacological neuroenhancers. The corresponding findings have been documented in over 230 scientific publications, including

publications in Nature Communications, Advanced Science, Trends in Cognitive Sciences, PNAS, Molecular Psychiatry, American Journal of Psychiatry, and Biological Psychiatry etc.

He serves as active editorial board member of several journals including Psychotherapy and Psychosomatics, Psychopharmacology and Psychoradiology and was founding section chief editor of Frontiers in Social and Affective Neuroimaging and co-lead of the COVID-induced brain dysfunctions initiative of the Global Brain Consortium.