

스타포스트닥 모집분야 설명자료

□ 모집분야 연번(입사지원서 해당 질문 란에 지원자 본인 희망분야의 연번 숫자만 표기)

연구그룹명	연번	PI	주요 핵심 주제
감각·운동시스템 연구그룹	1	김근수	Neural circuits for auditory-motor integration
	2	라종철	Sensory processing and short-term memory abnormalities in hallucinating mouse brain
	3	Satoshi Kojima	Behavioral and neural mechanisms of vocal learning
뇌발달질환 연구그룹	4	이석원	Neurophysiology of emotional memory
	5	정성진	Molecular aging and development
	6	최영식	Single cell omics & brain disease
신경·혈관단위체 연구그룹	7	박형주	Molecular mechanisms of learning and memory
	8	임현호	Molecular physiology & biophysics of the membrane proteins in the nervous system
	9	오원종	Molecular mechanisms of neurovascular unit and blood-brain barrier
	10	강경진	Mechanistic basis for information processing through ephaptic coupling
	11	이병철	Molecular mechanisms of lipid scrambling in the brain
	12	채세현	Development of systems biology approaches to understand spatiotemporal networks
신경회로 연구그룹	13	문지영	Inter-organelle communications in neural circuits
	14	이계주	Structural and molecular mechanisms of synaptic circuit plasticity
	15	Yoichi Kosodo	Neural Regeneration
	16	김범수	Visualizing brain cells with a small fluorescent small molecule
인지과학 연구그룹	17	이찬희	Numerical analysis on neuroelectromagnetics
	18	이동하	Computational & Cognitive neuroscience using neuroimaging
	19	정민영	Developmental neuroimaging and neuropsychology
정서·인지질환 연구그룹	20	김정연	Social dysfunction in brain disease and Neuromodulation
	21	구자욱	Neural circuitry & Molecular connectome in psychiatric disorders
	22	추남선	MEMS/NEMS based biomedical systems
	23	김주현	Neural substrates underlying abnormal psychology
치매 연구그룹	24	김형준	Understanding the pathogenesis of neurodegenerative diseases based on neuron-glia interactions
	25	천무경	Bioinformatics and computational simulation for neuroscience
	26	김도근	Elucidating the vascular pathophysiology in the development of neurodegenerative diseases
	27	김재광	Neurobiology of Alzheimer's diseases
	28	남민엽	RNP granule dynamics in neurodegenerative disease
퇴행성뇌질환 연구그룹	29	윤종혁	Mass spectrometry-based Omics and neurometabolism
	30	정윤하	Behavioral and molecular pathobiology of Neurological diseases
	31	허향숙	Development of therapeutics agents in Neurodegenerative diseases