

FLAG-ERA JTC 2019
Related Subprojects per HBP research area

The present document is provided to facilitate contacts with the HBP. The table is indicative and appropriate contacts may depend on each specific proposal.

	Neuroscience research and strategic data generation				Platforms					
	SP1 Mouse Brain Organisation	SP2 Human Brain Organisation	SP3 Systems and Cognitive Neuroscience	SP4 Theoretical Neuroscience	SP5 Neuroinformatics Platform	SP6 Brain Simulation Platform	SP7 High Performance Analytics and Computing Platform	SP8 Medical Informatics Platform	SP9 Neuromorphic Computing Platform	SP10 Neurorobotics Platform
1 Development and maturation of cognitive processes and multisensory integration at micro- and macro-scales	X	X	X	X	X	X	X	X	X	X
2 The role of neurotransmitter systems in human cognition		X	X	X		X		X		
3 Subcortical structures: from cognition to action		X	X	X		X		X		
4 The neuroscience of decision-making			X	X		X		X	X	
5 Studies on biological deep learning and combined declarative and working memory			X	X		X			X	X
6 Disease modelling and simulation		X	X	X	X	X		X		
7 Single Cell RNA sequencing of human and mouse brain	X	X			X	X				
8 Predictive Neuroinformatics: A trans-species approach	X	X	X		X			X		
9 Testing neuronal models at multiple scales	X	X	X	X		X				
10 Automated Construction and Analysis of Models of Neurons and Networks		X	X		X	X	X	X		
11 Reconstruction of neuronal morphology from microscopic image data	X	X			X	X				
12 Neuron Data Format Standardization					X	X	X	X	X	X

NB: The 'Ethics and Society' Subproject can be relevant to all call research areas.

The Subproject leaders and their contact information are provided on the HBP web site (<https://www.humanbrainproject.eu/en/about/project-structure/subprojects/>).