

FORUM on
Brain Health and Neurorestoration
10th of September 2014
Casa de Convalescencia, Santa Creu i Sant Pau Hospital,
C/ Sant Antoni Maria Claret, 171, 08041, Barcelona

	9.15 – 10.00	Registration	
Aula Magna	10.00 - 10.30	Welcome/ Hosts' presentations	Lluís Quintana , Vice-rector, Universitat Autònoma de Barcelona Maria-Pilar Marco , Scientific coordinator, CIBER-BBN Joan Vidal , Medical Director, Institut Guttmann Fernando Borras , Vice-rector, Universidad Miguel Hernández
	10.30-11.00	Chairman: Jordi Aguiló , Universitat Autònoma de Barcelona	
		Briefing on next H2020 calls	Juan Riese , Instituto de Salud Carlos III
		Funding Opportunities within H2020	Géraldine Andrieux-Gustin , COWIN Coordinator-Yole Finance
	11.00-12.00	1st session of pitch presentations on Project Ideas (10 min each) Chairman: Eduardo Fernandez , Universidad Miguel Hernández	
		1. Integral robotic assistance for older people with mild physical or mental disabilities.	Francesco Ferro , Pal Robotics
		2. Hybrid Brain-Machine Interfaces for Home-Based Neurorehabilitation of Stroke.	Surjo Soekadar , University of Tuebingen
		3. EEG and EMG signal analysis applied to rehabilitation and therapy.	Monica Rojas , Dept. ESAIL- Universitat Politècnica de Catalunya
		4. Fluidic probes for local drug and simultaneous recording delivery in the brain.	Borja Barredo , Microliquid S.L.
		5. Validation of a biomarker in Schizophrenia: from the electrophysiological level to induced Pluripotent Stem Cell (iPSC) disease modeling.	Armando d'Agostino , University of Milan
6. Internet of things, wearable sensors, artificial vision and big data for ubiquitous and personalized neurorestoration strategies		Enrique J. Gomez , GBT-Universidad Politécnica de Madrid	

	12.00-12.30	Coffee break	
Aula Magna	12.30 - 14.00	2nd session of pitch presentations on Project Ideas (10 min each) Chairman: José María Tormos , Institut Guttmann	
		7. Development of a non-invasive technology based on Ultrafast Optical Identification of LRP-Receptors for Early Diagnostic of Neurodegenerative diseases.	Carlos Spuch Calvar , Institute of Biomedical Research of Vigo
		8. Wearable lower-limb exoskeletons for the physical treatment of neuromuscular diseases in infancy.	Elena García , Centre for Automation and Robotics, CSIC-UPM
		9. Healthy and Growing Brains for Independent and Active Aging against Cerebrovascular Disease.	Kiseon Kim , Gwangju Senior Technology Complex, Korea
		10. NLDS Biological Cells Studies using Non-invasive Method and Devices in Applications to Multiple Sclerosis Monitoring and Stem Cells Assessment.	Przemyslaw Los , Numed Ltd., Warsaw Poland
		11. A wireless platform for Neuromonitoring and Neuromodulation.	Stephen Dunne , Starlab Ltd.
		12. Brain Network Reorganization after Traumatic and Vascular Lesions based on MEG Functional Connectivity.	Francisco de Pozo , Center for Biomedical Technology, Universidad Politécnica de Madrid
		13. ROAD, Robotic technologies, smart Objects and wearable Devices for remote management of post-stroke rehabilitation.	Nicolas García , Universidad Miguel Hernández
		14. Integrated technology in neuropsychiatric diagnoses and follow-up: psychopathy and schizophrenia.	Juan Vicente Sanchez-Andres , Medicine Dept., Universidad Jaime I
		15. Information and behavioral content in brain signals: Interfacing neurobiology and engineering to ameliorate cognitive decline in brain damage and cognitive impairment.	Santiago Canals , Neurosciences Institute, Universidad Miguel Hernández - CSIC
	14.00 - 15.00	Lunch	
Aula Magna & Rooms 11, 13	15.00–16.00	Brokerage meetings on Project Ideas No. 1-8	
	16.00-17.00	Brokerage meetings on Project Ideas No. 9-15	
	17.00-17.15	Closing remarks - End of workshop	