

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

PRELIMINARY PROGRAM (27th of August)

	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, Instituto Guttmann Fernando Borrás , Vice-rector, Universidad Miguel Hernández	
	10.30- 10.45	Briefing on next H2020 calls	To be confirmed	
	10.45-11.00	Funding Opportunities within H2020	Géraldine Andrieux-Gustin , COWIN Coordinator-Yole Finance Partner	
	11.00-12.00	1st session of pitch presentations on Project Ideas (10 min each) Chairman: Eduardo Fernandez , Universidad Miguel Hernández		
		1. EU Robotics topic group Healthcare: Challenges in Neurorehabilitation.		Thierry Keller , Neurorehabilitation Dept., Tecnia
		2. Developing new approaches to peripheral nerve regeneration.		Fiona Boissonade , University of Sheffield
		3. EEG signal analysis and multichannel EMG pattern recognition applied to neurology and psychopharmacology.		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		José María Tormos , Instituto Guttmann	

	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 , Instituto 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. Non-Invasive Multiple Sclerosis Detection and Monitoring Devices Based on Non-Linear Dielectric Spectroscopy Method.	Przemek 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	