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Molecules to Ecosystems

Thank you to the following for supporting the event:



Monday, 9 October 2023
09:30–19:30

**Venue: CIC bioGUNE, Technology Park of Bizkaia,
Bilbao, Building 800/801**

PROGRAMME

Monday 9 October

09:30-10:00	Registration	mins
10:00-10:35	Welcome Chair: Rosa Barrio, Group Leader, CIC bioGUNE	35
	Jesús Jiménez-Barbero, Scientific Director, CIC bioGUNE	10+5
	James Sharpe, Head of Barcelona	15+5
10:35-11:35	Session I: Molecular Level Chair: James D Sutherland, Group Leader, CIC bioGUNE	60
	Aitziber Cortajarena , Group Leader, CIC biomaGUNE "Molecular Engineering of Protein-Based Hybrid Structures: A New Frontier for Biomedical Tools"	15+5
	Puri Fortes , Group Leader, CIMA "Coding non-coding RNAs"	15+5
	Álvaro Rada-Iglesias , Group Leader, IBBTEC "Enhancer-gene compatibility in development and congenital disease"	15+5
11:35-12:00	Coffee break and group photo	25
12:00-13:00	Session II: Cellular Level Chair: Robert Kypta, Group Leader, CIC bioGUNE	60
	Lola Ledesma , Group Leader, CBMSO "Pathological crosstalk between neurons and glia cells in lipid storage disorders"	15+5
	Mariana Astiz , Group Leader, Achucarro Basque Center for Neuroscience "The central circadian clock sensitivity to glucocorticoids: a cell-specific developmental timeline"	15+5
	James D Sutherland , Group Leader, CIC bioGUNE "Building a better mousetrap: catching post-translational modifications using in vivo biotinylation"	15+5
13:00-14:00	Lunch & parallel session networking with students	60

13:30-14:30	Tour of NMR Installations	
14:30-15:55	Session III: Organ and System Levels Chair: María dM Vivanco, Group Leader, CIC bioGUNE	80
	Kristina Haase , Group Leader, EMBL Barcelona "Collective behaviors of endothelial cells and microvessels explored via MPS (micro-physiologic systems)"	15+5
	Jerome Solon , Research Professor and Group Leader, Biofisika Institute, CSIC-UPV/EHU	15+5
	Oscar Millet , Group Leader, Atlas Molecular Pharma "A molecular definition of metabolic syndrome as investigated by NMR metabolomics"	15+5
	Virginia Arechavala , Group Leader, Biocruces Health Research Institute "Nucleic Acid Therapeutics for Rare Diseases: broadening our expectations"	15+5
15:55-16:30	Coffee break	35
16:30-18:15	Session IV: Ecosystems From molecular sampling of ecosystems to strategies for climate change. Join us in this discussion and learn more about TREC, EMBRC and SINTERA Chair: James Sharpe	45
	Peer Bork , Director, EMBL Heidelberg, TREC	10+5
	Ibon Cancio , Full Professor, Plentzia Marine Station in the University of the Basque Country (PiE-UPV/EHU) and Director of EMBRC-Spain, EMBRC	10+5
	Nuria Conde Pueyo , Postdoc, EMBL Barcelona, Sintera	10+5
	Followed by round table discussion on grand challenges and opportunities for the future	
18:15-19:30	Drinks reception	