



Red de Excelencia. Microgen-NET

ALICANTE, 16-17th May 2016.

Universidad Miguel Hernández (UMH)

(16th May: Hall of Instituto Neurociencias & 17th May: Hall of Severo Ochoa Building)

PROGRAM

16th May

9.00 - **PRESENTATION.** Francisco Rodríguez Valera. Universidad Miguel Hernández.

SESSION I

9.30 - **Francisco Rodriguez-Valera. Universidad Miguel Hernández.** "Population genomics of aquatic prokaryotes".

10.00 - **Rohit Ghai. Institute of Hydrobiology. Dpt. of Aquatic Microbial Ecology Biology Centre ASCR.** "Uncultured phages of uncultured actinobacteria".

10.30 - **Margarita Gomila. Universitat de les Illes Balears.** "Haemodialysis water microbiome".

11.15 COFFEE

SESSION II

11.45 - **Alejandro Mira Obrador. FISABIO.** "The drugs within: Search for new probiotics and bioactive compounds in humans".

12.15 - **M^a Ángeles Tormo Más. II La Fe de Valencia.** "Horizontal transfer of virulence factors present in Genetic Mobile Elements of *Staphylococcus aureus* in patients with Cystic Fibrosis".

12.45 – **Juana Pérez Torres. Universidad de Granada.** "Studies on paralogous genes in *Myxococcus xanthus*".

13.15 – **Miguel Carda Diéguez Universidad de Valencia.** "New genomic approach to identify novel virulence genes in *Vibrio vulnificus*".

14.00 LUNCH

SESSION III

16.00 - **Fernando González Candela. Universidad de Valencia.** "Genome analysis of outbreaks: the amazing *Legionella* from Alcoy (Spain)".

Short ORAL PRESENTATIONS

16.30 -16.45 **Jorge Lalucat. Universitat de les Illes Balears.** "*Mycobacterium Ilatzerense* genome".

16.45 - 17.00 **Beatriz Jorrín. Universidad Politécnica de Madrid.** "Genomics and population genomics of the legume-rhizobial symbiosis".

17.00-17.30 COFFEE

Short ORAL PRESENTATIONS

17.30 - 17.45 **Mercedes Cervera Alamar. II La Fe (Valencia).** "Sequence analysis *Staphylococcus* spp strains Biofilm forming Bap positive".

17.45 - 18.00 **Arantxa López López. FISABIO.** "Double anticaries effect of the bacterium *Streptococcus dentisani*".

17th NOVEMBER

SESSION III

9.00 - **Nicolás Toro. Estación Experimental del Zaidín, Granada.** "The Early Events Underlying Genome Evolution in a Localized *Sinorhizobium meliloti* Population".

9.30 - **Manuel Fernández López. Estación Experimental del Zaidín, Granada.** "Análisis de las comunidades microbianas rizosféricas de roble melojo (*Quercus pyrenaica*) en un gradiente altitudinal".

10.00 - **Francisco Martínez Abarca. Estación Experimental del Zaidín, Granada.** "Closed Genome vs draft Genome. A strategy to solve the location and ambiguities (SNPs) of repeated elements based on NGS genomic data".

10.30 - **José Ignacio Jiménez Zurdo. Estación Experimental del Zaidín, Granada.** "Unraveling the universe of small RNA regulators in the legume symbiont *Sinorhizobium meliloti*".

11.00 COFFEE

SESSION IV

11.30 - **Valentín Gordeliy. Institut de Biologie Structurale J.-P. Univ. Grenoble Alpes-CEA-CNRS.**
"Amazing Diversity of Microbial Rhodopsins: their Structure and Function".

12.00 - **Juan M. González. Instituto de Recursos Naturales IRNAS-CSIC, Sevilla.** "Importance of horizontal gene transfer on the evolution of thermophiles".

12.30 - **Joseba Bikandi. Universidad del País Vasco.** "Alignment-free clustering from NGS data or assembled draft genomes".

13.00 - **Juan Imperial. Universidad Politécnica de Madrid.** "'No plant is an island:' The sugarcane microbiome".

13.35 - CLOSURE – Discussion & Suggestions