

RETREAT: The Scientific Year in review

Date: 14 January 2016

Place: Cosmocaixa

9:00-13:00: Parallel sessions Communicable Diseases/Non-communicable diseases and environment

13:00-14:00: Lunch

14:00-17:00: Joint session

Communicable Diseases Session – Auditori

Time	Title	Speaker
9:00-9:10	Introduction	
9:10-9:30	Infectious International health: the year in review (<i>chair: Q. Gascón - 5' each</i>) <ul style="list-style-type: none"> Long-lasting insecticidal nets no longer effective kill the highly resistant <i>Anopheles funestus</i> of Southern Mozambique HIV incidence and spatial clustering in rural area of Southern Mozambique 	K. Paaijmans R. González
9:30-10:30	Results (<i>chair J. Vila - 10' each+discussion</i>). <u>Pre-docs presentations</u> <ul style="list-style-type: none"> Looking at the "real" parasites: contrasting <i>Plasmodium falciparum</i> <i>clag3</i> genes expression patterns between culture and human conditions. Prevalence of ESBL and/or carbapenemase-producing <i>Escherichia coli</i> isolated from yellow – legged gulls from Barcelona, Spain. <u>Post-docs presentations</u> <ul style="list-style-type: none"> Study of combination of antituberculous drugs using “in vitro” methods Characterization of the OMP subproteome of the virulent strain <i>Salmonella</i> Typhimurium SL1344. 	S. Mira A.Vergara G. Tudó M. Ferrer
10:30-11:00	COFFEE BREAK	
11:00-12:00	<u>PIs presentation</u> (<i>chair A. Cortés - 10' each+discussion</i>). <ul style="list-style-type: none"> Validation of a minimally invasive autopsy tool for cause of death ascertainment in developing countries. Two new <i>sui generis</i> antimalarial prophylactic strategies A twisted end: <i>Plasmodium falciparum</i> choline kinase (PfCK) inhibition leads to a major decrease of the phosphatidylethanolamine pool The need for a systematic screening of <i>Strongyloides stercoralis</i> in migrant populations: deactivating a time bomb 	P. Castillo X. Fernández-Busquets L. Izquierdo J. Muñoz
12:00-13:00	New funded projects (<i>10' each+discussion</i>). <ul style="list-style-type: none"> NOMORFILM CADMIA-PLUS CHAMPS 	S. Soto J. Ordi Q. Bassat
13:00-14:00	LUNCH BREAK	

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Non-communicable diseases and environment Session – ÀGORA MEETING ROOM

Time	Title	Speaker
9:00-9:10	Introduction	Manolis Kogevinas Josep Maria Antó
9:10-9:45	Environmental health, the year in review (<i>chair: Ione Avila - James Grellier 5´ each+discussion</i>) <ul style="list-style-type: none"> • The VW crisis • Climate change • Citizen Science • The end of big birth cohorts? 	David Rojas Xavier Basagaña Irene Eleta Martine Vrijheid
9:45-10:30	Results (<i>chair: Ione Avila - James Grellier 10´ each+discussion</i>). <u>Pre-docs presentations</u> <ul style="list-style-type: none"> • Development of a source exposure matrix for EMF (electromagnetic fields) • Health impacts of urban and transport policies <u>Post-docs presentations</u> <ul style="list-style-type: none"> • Early infant growth and school age lung function and asthma. 	Javier Vila Natalie Muller Maribel Casas
10:30-11:00	COFFEE BREAK	
11:00-12:15	<u>PIs presentation</u> (<i>chair: Elaine Fuertes-Jordi Julvez, 10´ each+discussion</i>). <ul style="list-style-type: none"> • Cancer and contaminants in drinking water including THMs and nitrates • Proactive: the complete process of development and validation of tools to measure physical activity in COPD patients • Relation between circulating CC16 concentrations, lung function, and development of chronic obstructive pulmonary disease across the lifespan: a prospective study. • Green spaces and cognitive development in primary schoolchildren • A recent review on chemical pollutants and child health 	Cristina Villanueva Judith Garcia Stefano Guerra/ Josep Maria Antó Payam Dadvand Martine Vrijheid
12:15-12:55	New funded projects (<i>15´ each+discussion</i>). <ul style="list-style-type: none"> • ALEC • SHAMISEN 	Judith Garcia Elisabeth Cardis
12:55-13:00	Commentary: The Sagrada Familia splines	Xavier Basagaña
13:00-14:00	LUNCH BREAK	

Joint Session - MEETING ROOM AUDITORIUM

Time	Title	Speaker
14:00-14:15	Introduction	A. Plasencia JM. Antó
14:15-14:30	The year in review in Global Health <i>Chairs: Jordi Vila and Manolis Kogevinas (presentations 5´ each)</i> <ul style="list-style-type: none"> • Implications of changing trends in malaria: lessons learnt from pregnant women • Big data 	A. Bardají JR. Gonzalez
14:30-15:30	Post-doc presentations & SUMA projects. <i>Chairs: Elisabeth Cardis + Quique Bassat - (presentations 10´ each+ 5´ discussion).</i> <ul style="list-style-type: none"> • Automated categorization of methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates into different clonal complexes by MALDI-TOF MS • The pregnancy Exposome • SUMA Project. Health impact assessment of urban and transport planning in developing countries • SUMA Project. The etiological role of infection with <i>Plasmodium falciparum</i>, Epstein Bar Virus, HIV and environmental exposures on endemic Burkitt's lymphoma 	I. Roca O. Robinson M. Gascón R.Aguilar/C. O'Callaghan
15:30-16:00	BREAK	
16:00-16:30	PIs presentations. <i>Chairs: Martine Vrijheid + Carlota Dobaño (presentations 10´ each+ 5´ discussion).</i> <ul style="list-style-type: none"> • Absenteeism from work and from school in the context of a malaria elimination campaign in the South of Mozambique • Association between traffic-related air pollution in schools and cognitive development in primary school children 	E. Sicuri J. Sunyer
16:30-17:00	New funded projects <i>(presentations 10´ + 5´ for questions)</i> <ul style="list-style-type: none"> • MALTEM • CHAI 	F. Saúte C. Tonne