



Final programme:

FRIDAY morning, 25 September		
8:00	Registration	
8:30	Opening session	
9:00	Opening lecture: <ul style="list-style-type: none"> o <u>Claudi Mans</u>, Faculty of Chemistry, University of Barcelona: "Hesitations of an extraterrestrial scientist: what's chocolate?" 	
9:30	Session 1: <i>Cocoa as cardioprotective agent and health claims.</i> Session sponsored by Cola Cao® (Idilia Foods, S.L.) Chairperson: M. Izquierdo <ul style="list-style-type: none"> o <u>Ramon Estruch</u>, Hospital Clinic, Barcelona: "Cocoa, polyphenols and cardiovascular disease" o <u>Hans Verhagen</u>, Senior Scientific Advisor 'Nutrition and Food Safety', National Institute for Public Health and the Environment (RIVM), Bilthoven: "Status of health claims in Europe - focus on antioxidants and chocolate" 	
10:40	Coffee Break	
11:00	Session 2: <i>Cocoa as antioxidant.</i> Chairperson: G.C. Di Renzo <ul style="list-style-type: none"> o <u>Mauro Serafini</u>, Research Council on Agriculture, CRA-NUT, Rome: "Cocoa as modulator of oxidative stress: the pre-eminence of human evidences" o <u>Daniel Ramon</u>, Biopolis S.L, Valencia: "Chocolate, worms and functional ingredients"? 	
12:10	Special session: <i>Chocolate: Heritage and Innovation</i> Chairperson: P. Castells <ul style="list-style-type: none"> o <u>Jordi Tresserras</u>, Faculty of Geography and History, University of Barcelona o <u>M^a Teresa Calvet</u>, Faculty of Geology, University of Barcelona 	
13:10	Lunch	



FRIDAY afternoon, 25 September		
14:00	Visit to the posters: S. Saldaña and C. Castellote	
14:30	ORAL COMMUNICATIONS. Session 1 Chairperson: W. Jeffrey Hurst and M.J. Rodríguez-Lagunas 1. ESTIMATING INTAKE AND HEALTH EFFECTS OF COCOA PRODUCTS IN A LARGE PROSPECTIVE COHORT. Gertraud Maskarinec et al. <i>USA</i> . 2. ACUTE EFFECT OF COCOA FLAVANOL INTAKE ON COGNITIVE PERFORMANCE AND CEREBRAL BLOOD FLOW IN REST AND FOLLOWING EXERCISE IN WELL TRAINED ATHLETES. Lieselot Decroix et al. <i>Belgium, Brazil, France, Australia</i> . 3. SHORT TERM EFFECTS OF COCOA THEOBROMINE ON PRIMARY AND SECONDARY LYMPHOID TISSUES IN RATS. Mariona Camps-Bossacoma et al, <i>Spain</i> .	
15:15	Session 3: <i>Cocoa and chocolate on metabolism, metabolism of cocoa.</i> Chairperson: L. Goya ○ <u>Joshua D. Lambert</u> , Department of Food Science, The Pennsylvania State University: "Modulation of obesity-related inflammation and fatty liver disease by cocoa: a potential role for the mitochondria" ○ <u>Cristina Andres-Lacueva</u> , Faculty of Pharmacy, University of Barcelona: "What can chocolate and cocoa learn from metabolomics?"	
16:20	Session 4: <i>Cocoa as a preventive therapy.</i> Chairperson: U. Heinrich ○ <u>Luis Goya</u> , Institute of Food Science, Technology and Nutrition (ICTAN-CSIC), Madrid: "Could cocoa diet be beneficial on the diabetes?" ○ <u>Margarida Castell</u> , Faculty of Pharmacy, University of Barcelona: "Cocoa in the prevention of allergy"	
18:00	Visit to the Museu de la Xocolata Dinner at the Museu de la Xocolata	



SATURDAY, 26 September		
8:30	Meeting of the executive board of ISCHOM	
9:30	Session 5: <i>Cocoa and microbiota</i> Chairperson: A. Franch <ul style="list-style-type: none"> ○ Francisco Tomas Barberan, Centro de Edafología y Biología Aplicada del Segura (CEBAS-CSIC), Murcia: "Interaction of cocoa polyphenols with gut microbiota: potential health effects in humans" ○ Francisco J. Pérez-Cano, Faculty of Pharmacy, University of Barcelona: "Cocoa modifies interaction of microbiota with intestinal immune system" 	
10:40	Coffee break	
11:10	General assembly	
11:40	ORAL COMMUNICATIONS. Session 2 Chairperson: E. Bertoli and S. Martin-Pelaez <ol style="list-style-type: none"> 1. EXPLORING THE NUTRACEUTICAL VALUE OF FINE OR FLAVOUR TRINITARIO CACAO VARIETIES: ANTIOXIDANT CAPACITY AND POLYPHENOL CONTENT OF 24 IMPERIAL COLLEGE SELECTIONS FROM TRINIDAD. Pilgrim Sheldon et al, <i>Trinidad and Tobago</i>. 2. COCOA-RICH DIET IMPROVES HEPATIC LIPID METABOLISM IN ZUCKER DIABETIC FATTY RATS. Isabel Cordero-Herrera et al, <i>Spain</i>. 3. AMPLIFICATION OF THE Nrf2 NEUROPROTECTIVE PATHWAY VIA POTENTIALLY LOW BRAIN COCOA FLAVANOL LEVELS AGAINST STROKE IN YOUNG AND ALSO AGED ANIMALS. Sylvain Doré, <i>USA</i>. 	
12:40	Session 6: <i>The effects of cocoa on the nervous system</i> Chairperson: J.F. Bisson <ul style="list-style-type: none"> ○ David Vauzour, Institute of Food Research, University of East Anglia, Norwich: "Cocoa flavonoids and brain health: Physiological and molecular mechanisms underpinning their beneficial effects" 	
13:25	Closing ceremony: <ul style="list-style-type: none"> ○ Gian Carlo di Renzo, president of the ISCHOM 	