

Saturday 19 September

APITHERAPY COMMISSION - PLENARY SESSION SATURDAY 19th MORNING

BERLIOZ ROOM

Chair: Théodore Cherbuliez (USA)

Time	Authors	Co-authors	Country	Abstracts
09:00-09:20	CHERBULIEZ Theodore		USA	
	Introduction			
09:20-10:00	MIZUKAMI Osamu		Japan	191
	My clinical experiences on use of propolis to cancer patients			
10:00-10:20	JAGANATHAN S. K.	Mandal M.	India	192
	Involvement of non-protein thiols, mitochondrial dysfunction, and reactive oxygen species in the honey-induced apoptosis			
10:20-10:40	KHISMATULLINA Nailya	Khismatulina, Irina	Russia	193
	Complex treatment for psoriasis by api-reflexotherapy and beekeeping products			
10:40-11:00	DOMEREGO Roch		Belgium	194
	Basic clinical concepts in green medicine			
11:00-11:20 Break				
11:20-11:40	MARSIT Nagi M.	Ermithi O., Saad I., Abdalia A. Albahri A.	Lybia	195
	Production of Amnion Grafts for Wound Covering Using Local Honey as a Preservative Agent			
11:40-12:00	KAWASAKI Hiromu	Zamami Y., Koyama T., Fujiwara H., Takaki-Doi S., Tatefuji T, Hashimoto K.	Japan	196
	Royal jelly and propolis prevent development of insulin resistance in type 2 diabetic animal models.			
12:00-12:20	BOYD Barbara	Biancardi F., MD, de Paula U.MD.	Italy	197
	Propolis and honey syrup as prophylaxis of oro-pharyngeal mucositis in irradiated head and neck cancer patients: ongoing results.			
12:20-12:40	JONES Richard	Cooper, R.	United Kingdom	198
	Hive Products: from folklore to pharmacopoeia			
12:40-13:00	BENGSCHEBERHARDT		Germany	199
	Bee products in Human health and in Science: linking empirism of apitherapy with modern Molecular Medicine			

BEEKEEPING FOR RURAL DEVELOPMENT COMMISSION - SYMPOSIUM 2 "COOPERATIVES AND NETWORKS" SATURDAY 19th MORNING

BARTHEZ ROOM

Chair: Harriet Eeles (Chile)

Time	Authors	Co-authors	Country	Abstracts
09:00-09:20	BAIYA Harun		Kenya	200
	Commercialisation of small scale beekeeping through association and collective action			
09:20-09:40	EELES Harriet		Chile	201
	Establishing a small cooperative in Chile			
09:40-10:00	BENDINI Juliana	Ricardo de Oliveira Orsi, Lídia Maria Ruv Carelli Barreto, Ana Paula da Silva Dib, Hugo do Nascimento Bendini, Silvia Helena Modenese Gorla da Silva	Brazil	202
	Honey from the Mantiqueira's Paulista hills: a proposal for a designation of origin			
10:00-10:20	BARRETO Lidia	A.P.S. Dib, L.E.V. Pasin, C. Carvalho, G.F.R. Peão, J.N. Bendini	Brazil	203
	The role of the Center of Apicultural Studies Cea-Unitau-SP-Brazil, in 20 years as agent of research and extension regional program			

10:20-10:40	MARTINEZ-ANZOLA TeImo	Laura Bermúdez-Wilches, Eliécer Marín	Colombia	204
		Use of bees in Colombia for narcotics control and preservation		
10:40-11:00	VANDAME Rémy		Mexico	205
		Small scale beekeeping economy in Mexico and Guatemala		
11:00-11:20	Break			
11:20-11:40	CASANOVA OSTOS R. A.		Venezuela	206
		El desarrollo apícola Venezolano por la vía de las redes de innovación		
11:40-12:00	GIGIN Murat	A. Nihat Gokyigit, Ahmet Inci	Turkey	207
		Organic honey production and marketing studies of TEMA foundation in Turkey (A successful beekeeping cooperative)		
12:00-12:20	SUNAY Aslı Elýf	Taylan Samanci	Turkey	208
		Structure of beekeeping in Turkey		
12:20-12:40	DU CHAXEL Alain	Nathalie Carazzai, Benoit Olivier	France	209
		Beekeeping and development in emerging countries: an urgent need for networking		
12:40-13:00	KHISMATULLIN RaiI	E.V. Zhenikhova, V. L. Makarov	Russia	210
		Elements of franchising for development of beekeeping in Russia		

BEE BIOLOGY COMMISSION - SYMPOSIUM 3 "CONSERVATION" SATURDAY 19th MORNING

PASTEUR ROOM

Chair: Lionel Garnery (France) & Maria Bouga (Greece)

Time	Authors	Co-authors	Country	Abstracts
09:00-09:20	LIU Zhiguang	Wei Shi, Guiling Ding, Liping Lv	China	211
		Multivariate morphometric analysis of <i>Apis mellifera</i> in Yili river valley of Xinjiang		
09:20-09:40	IVANOVA Evgeniya	Maria Bouga	Bulgaria	212
		Genetic variability in honey bee populations from Bulgaria		
09:40-10:00	ALBURAKI Mohamed	Ali Alburaki, Lionel Garnery	Syria	213
		Genetic analyses of Syrian honeybee populations (<i>Apis mellifera syriaca</i>)		
10:00-10:20	TUNCA Ivgin Rahsan	Gun Koleoglu, Yusuf Atagan, Meral Kence	Turkey	214
		Genetic diversity of honeybee (<i>Apis mellifera</i> L.) populations in Turkey revealed by Randomly Amplified Polymorphic DNA (RAPD) analysis		
10:20-10:40	KEKECOGLU Meral	Maria Bouga	Turkey	215
		Genetic variability in Turkish honeybee populations using geometric morphometrics morphometrics analysis		
10:40-11:00	KANDEMIR Irfan	Ahmet Inci	Turkey	216
		The potential impact of <i>Apis mellifera caucasica</i> after selection, breeding, and rearing of Caucasian queen bees in Artvin and Ardahan		
11:00-11:20	Break			
11:20-11:40	GARNERY Lionel	Agnès Rortais, Isabelle Giraud, H�el�ene Legout, G�erard Arnold	France	217
		Analysis of the French livestock of the honeybee <i>Apis mellifera</i> using molecular markers: implication in conservation programs		
11:40-12:00	STRANGE James	Lionel Garnery, G�erard Arnold, Walter S. Sheppard	USA	218
		Conserving an ecotype of <i>Apis mellifera mellifera</i> through the application of morphological and genetic data		
12:00-12:20	KRYGER Per		Denmark	219
		Laeso, a case study in the conservation of a honey bee population		
12:20-12:40	MADRID-JIMENEZ Jes�us	Irene Mu�oz, Pilar De la R�ua	Spain	220
		Temporal mitochondrial variation in honeybee populations from Tenerife (Canary Island, Spain)		
12:40-13:00	BOUGA Maria	Mica Bladenovic, Leonidas Charistos, Sladjan Rasic, Fani Hatjina	Greece	221
		Molecular markers discriminating Greek from Serbian honeybees		

**BEEKEEPING TECHNOLOGY AND QUALITY COMMISSION
SYMPOSIUM 2 "QUEEN REARING AND INSTRUMENTAL INSEMINATION"
SATURDAY 19th MORNING**

EINSTEIN ROOM

Chair: Gilles Fert (France)

Time	Authors	Co-authors	Country	Abstracts
09:00-09:20	SOERENSEN Poul Erik		Denmark	222
	Breeding <i>Nosema</i> free colonies in Denmark			
09:20-09:40	DESROCHERS Anicet		Canada	223
	Breeding survivors bees in organic and Nordic Canadian condition			
09:40-10:00	ZVOKELJ Lucija	Aleš Gregorc	Slovenia	224
	Queen rearing in different conditions			
10:00-10:20	ZHENG Huo-Qing	Shui-Hua Jin, Christian W. W. Pirk, Vincent Diemann, Robin Crewe, Fu-Liang Hu	China	225
	Ten years of beekeeping with multiple-queen colonies in China			
10:20-10:40	BIENKOWSKA Małgorzata	Beata Panasiuk, Dariusz Gerula, Paweł Węgrzynowicz	Poland	226
	Weight of honeybee queens and its effect on the quality of instrumentally inseminated queens			
10:40-11:00	VERJUS Olivier	Fedon T., Beder-Bresson E., Odoux JF., Bocquet M.	France	227
	The French national bee breeders association and the breeding practise in France in 2009			
11:00-11:20	Break			
11:20-11:40	JEVTIC Goran	Mica Mladenovic, Nebojsa Nedic, Bojan Andjelkovic	Serbia	228
	The temperament traits and the hygienic behavior of honey bee (<i>Apis mellifera carnica</i> Poll.) from Serbia			
11:40-12:00	HAKOBYAN Norak	Roza Tsarukyan, Karen Avetisyan	Armenia	229
	The distributed honeybee stocks in Armenia and their propagation			
12:00-12:20	POLLARD John	Claire Plante, Susan Cobey	Canada	230
	Development of embryo transfer technologies in the honeybee for specific pathogen-free queen production and international genetic movement			
12:20-12:40	CAUIA Eliza		Romania	231
	The evaluation of honeybee colonies by using a data base software with application in honeybee breeding programs			
12:40-13:00	GREGORC Aleš	Vesna Lokar	Slovenia	232
	Selection of Carniolan honeybee colonies (<i>Apis mellifera carnica</i>) for queen rearing			

**BEEKEEPING TECHNOLOGY AND QUALITY COMMISSION
SYMPOSIUM 3 "BEE PRODUCTS AND QUALITY"
SATURDAY 19th AFTERNOON**

EINSTEIN ROOM

Chair: Dr. Werner von der Ohe (Germany)

Time	Authors	Co-authors	Country	Abstracts
14:30-14:50	HECK Thomas	Kari Koivulehto	United Kingdom	233
	Clean Honey - An obligation to producers and trade alike			
14:50-15:10	LICHTENBERG-KRAAG Birgit	Einar Etzold	Germany	234
	From nectar to honey: Studies on changes of quality parameters during the ripening process			
15:10-15:30	LORENZON Maria Cristina	Rodrigo Nunes, Valmir Carneiro, Carlos Vianna, Érika Salles, Sérgio Cataño, Monika Barth	Brazil	235
	Floral origin and honey quality from packing beehive			
15:30-15:50	VIT Patricia	Maria Mutone, Soneida Peña, Javier Ruiz, Arelys Mejias, Leandra Rial, Maria Gabriela Gutierrez, Carla Gutierrez, Meylin Arraez, Maria Teresa Sancho, Miguel Fernandez-Muiño, Ana Carolina Gonzalez, Ortrud Monika Barth, Antonio Jesus Rodriguez-Malaver	Venezuela	236
	Setting Venezuelan quality standards of <i>Melipona favosa</i> honey			
15:50-16:10	SZCZESNA Teresa	Helena Rybak-Chmielewska, Ewa Waś	Poland	237
	Water determination in bee products by Karl Fischer titration			

16:10-16:30	DAILY H��l��ne	Etienne Bruneau, Viviane Planchon, Izabela Freytag	Belgium	238
How to quantify the firmness of honey?				
16:30-16:50 Break				
16:50-17:10	BERA Alexandre	Ligia Bicudo de Almeida-Muradian, Susy Frey Sabato	Brazil	239
Effect of Gamma Radiation in Multifloral honey				
17:10-17:30	ZHAO Jing	Xiaofeng Xue, Xiao Zhou, Liming Wu	China	240
The Nutritional Assessment of four kinds of Royal Jelly Protein				
17:30-17:50	GALLMANN Peter	Zoller	Switzerland	241
Are pyrrolizidinalcaloids in bee products a health hazard?				
17:50-18:10	ZAVALA Ang��lica	Idalia Colomo, Lucia Piana, Beno��t Olivier, R��my Vandame	Mexico	242
Characterization of tropical honeys as a strategy for rural development in Mexico and Central America: data and threats				
18:10-18:30	BARRETO Lidia	Gomes S.M.A., Orsi R.O., Brito J.S.A., Souza M.M.B., Pe��o G.F.R., Dib A.P.S.	Brazil	243
Brazilian bee pollen: quality and challenges				

BEE HEALTH COMMISSION - SYMPOSIUM 4 "DIAGNOSIS AND CONTROL OF BEE DISEASES" SATURDAY 19th AFTERNOON

PASTEUR ROOM

Chair: Yves le Conte (France) and Wolfgang Ritter (Germany)

Time	Authors	Co-authors	Country	Abstracts
14:30-14:50	MC MULLAN John B.		Ireland	244
Tracheal mite infested colonies: management options				
14:50-15:10	THRASYVOULOU Andreas	Goras Geirgios, Tananaki Chrysoula, Lazaridou Elisavet	Greece	245
Attempts to control <i>Nosema ceranae</i> in Greece				
15:10-15:30	COLIN Marc-Edouard	Magali Tournaire, Laurent Gauthier	France	246
On the epidemiology of <i>Nosema ceranae</i> in France				
15:30-15:50	RODRIGUEZ Marta S.	Marco Gerding Paris, Nelida Molina, Miguel Neira, Andres France	Chile	247
Entomopathogenic fungi an alternative for control of <i>Varroa destructor</i> .				
15:50-16:10	SCH��FER Marc O.	Wolfgang Ritter, Jeff Pettis, Peter Neumann	Switzerland	248
Concurrent infestations by <i>Aethina tumida</i> and <i>Varroa destructor</i> alters thermoregulation in <i>Apis mellifera</i> winter clusters				
16:10-16:30	CARRECK Norman L.		United Kingdom	249
Can studies of Kashmir bee virus and <i>Varroa destructor</i> aid our understanding of "Colony Collapse Disorder"?				
16:30-16:50 Break				
16:50-17:10	FORSGREN Eva	Tobias Olofsson, Alejandra Vasquez, Ingemar Fries	Sweden	250
Novel lactic acid bacteria inhibiting <i>Paenibacillus larvae</i> in honeybee larvae				
17:10-17:30	MAORI Eyal	Nitzan Paldi, Eitan Glick, Sharoni Shafir, Ilan Sela	Israel	251
Israeli acute paralysis virus (IAPV): Turning reciprocal host-virus dynamics into an applicative anti-viral approach				
17:30-17:50	RIBIERE Magali	Phllipe Blanchard, Frank Schurr, Oliver Celle, Jean-Paul Faucon	France	252
Chronic bee paralysis virus: dissemination in honeybee colonies and diagnosis				
17:50-18:10	SANPA Sirikarn	Panuwan Chantawannakul	Thailand	253
Detection of honeybee viruses in northern Thailand using RT-PCR				
18:10-18:30	ZHOU Ting	Quiang Wang, Pingli Dai, Feng Liu	China	254
Effects of sublethal concentration of two acaricides on biological characteristics of honey bee <i>Apis mellifera ligustica</i>				