FINAL PROGRAM
XXVIth WORLD CONGRESS ON ECHINOCOCCOSIS
CYSTIC AND ALVEOLAR ECHINOCOCCOSIS: OLD DISEASES – NEW CHALLENGES
JOINT MEETING TO THE
IInd NATIONAL CONFERENCE ON ECHINOCOCCOSIS WITH INTERNATIONAL PARTICIPATION

DAY 0		Hour	*01.10.2015*	
Colentina Clinical Hospital			**Room A - Bucuresti**	**Room B - Tyr**
08:30 – 18:00 H **Pre-Congress course:** **MINIMALLY INVASIVE TECHNIQUES FOR THE MANAGEMENT OF CE** **(maximum 10-12 participants)** **Cours Responsible:** **- Prof Okan Akhan, Ankara,Turkey** **- Junior lecturer Cosmin Popa, Bucharest, Romania**	**REGISTRATION**	**08.30**	**REGISTRATION** **09:00 – OPENING CEREMONY** Authorities: • President of the Congress : Carmen-Michaela Cretu • President of IAH: António Menezes da Silva (Portugal) • Carol Davila UMF, Bucharest : Prof. Dr. Ileana Constantinescu • Manager of Colentina Clinical Hospital, Bucharest: Bogdan Andreescu • Ministry of Health (Romania): Alin Tucmeanu, State secretary • WHO: Elkhan Gasimov (Switzerland) **09:30 – Inaugural Conference (30 min)** ***Chair: Elkhan Gasimov (WHO); Antonio da Silva (Portugal)*** • Patients with NTDs: the long way from recognition to evidence-based management: Thomas Junghanss (Germany)	
		10.00	Break / Poster viewing – Cystic echinococcosis	Break / Poster viewing – Cystic echinococcosis
		10.30	**SESSION 1 (120min)** ***Chair: Adriano Casulli (Italy); Mircea Ioan Popa (Romania)*** **Research Projects on Echinococcosis in Europe** • HERACLES collaborative project on cystic echinococcosis funded by the European Commission (FP7): Adriano Casulli (Italy) - 30 min Experience from HERACLES Project: US screening for CE in Europe: - US Screening in Turkey in 2014: Okan Akhan (Turkey) - 15 min - US Screening in Bulgaria in 2014: Kamena Vutova (Bulgaria) - 15 min - US Screening for CE in Romania during 2014-2015: Carmen-Michaela Cretu (Romania) - 15 min • The European Register of Cystic Echinococcosis, ERCE: Patrizia Rossi & Francesca Tamarozzi (Italy) - 20 min • The use of 2B2t recombinant antigen in a point-of-care diagnosis tool for the serodiagnosis of CE patients: preliminary results in immunoStrips: Mar Siles-Lucas (Spain) - 15 min • EchinoBiobank: A new tool for standardizing research on cystic echinococcosis: Raul Manzano-Roman (Spain) - 10 min	**SESSION 4 (120 min)** ***Chair: Edmundo Larrieu (Argentina); Vasile Cozma (Romania)*** **Epidemiology and Control of CE (15 min each)** • Innovative strategies in the cystic echinococcosis control program in Uruguay: Pilar Irabedra (Uruguay) • Control program for CE in Xinjiang, China: from settled villages to nomadic communities: Wenbao Zhang (China) • Control of CE in Romania: Ioan Liviu Mitrea (Romania) • Chasing the end of the rainbow: the history of the 55 years of development of the EG95 vaccine against *E. granulosus*: David Heath (New Zealand) **Free oral presentations (10 min each)** • Review of Cystic echinococcosis (CE or hydatidosis) control programs and eradication campaign all over the globe in the last 40 years – personal involvement: Michael Furth, Israel • Results from the implementation of the National Programme for Control of echinococcosis in humans and animals in Bulgaria from 2004

				to 2008: Iskra Rainova (Bulgaria) • Preliminary findings of a widespread Echinococcus surveillance program in an endemic region in Turkey: Serra Orsten (Turkey) • Molecular identification of *Echinococcus granulosus* isolates from ruminants in Greece: Erifylli Roinioti (Greece) • Epidemic and control of hepatic echinococcosis in Kazah Autonomous Prefecture of Yili a retrospective analysis of 2300 cases: Guo Yong Zhong (China) • Discussions
		12.30	Lunch / Poster viewing – Cystic echinococcosis	Lunch / Poster viewing – Cystic echinococcosis
		14.00	***SESSION 2 (90 min)*** ***Chair: Peter Kern (Germany);* Thomas Romig *(Germany)*** **Cystic Echinococcosis in Sub-Saharan Africa (20 min each)** • Species, genotypes and life cycles: news out of Africa: Thomas Romig (Germany) • Cystic echinococcosis in Sub-Saharan Africa: New developments: Cecilia Mbae (Kenya) • Genetic structure of Echinococcus canadensis and E. ortleppi in Sub-Saharan Africa: Francis Addy (Ghana) • Cystic Echinococcosis in a Central African Tropical Rainforest Ecosystem – an epidemiologic Pilot Study from Gabon: Felix Lötsch / Michael Ramharter (Austria) **Free oral presentation (10 min)** • *Echinococcus spp.* and other taeniid cestodes in wildlife of southern Africa: Marion Wassermann (Germany)	**SESSION 5 (90 min)** ***Chair: David Heath (New Zealand), Ioan Liviu Mitrea (Romania)*** **Advances in diagnosis and treatment of CE in intermediate and definitive hosts (20 min each)** • Focused assessment with sonography for Echinococcosis (FASE) training course: impact in Rio Negro Province, Argentina: Leonardo Uchiumi (Argentina) • Treatment in definitive hosts: Vasile Cozma (Romania) **Free oral presentations (10 min each)** • Molecular evidence of *Echinococcus equinus* in a donkey in Turkey: Sami Simsek (Turkey) • The susceptibility of the red foxes to infection with *Echinococcus* species in Romania: Onac Diana (Romania) • Human Cystic Echinococcosis in Iran: the significance of camel-dog cycle: Majid Fasihi (Iran) • Discussions
		15.30	Break / Poster viewing – Cystic echinococcosis	Break / Poster viewing – Cystic echinococcosis
		16.00	**SESSION 3 (120 min)** ***Chair: Thomas Junghanss (Germany); Carmen-Michaela Cretu (Romania)*** **Diagnosis and management of abdominal CE in humans (20 min each)** • Serology for the diagnosis and follow up of CE: is it worth using it?: Mar Siles-Lucas (Spain) • Up to date on the diagnosis of Cystic Echinococcosis: Nazmiye Altintas (Turkey) • Watch and wait for Cystic Echinococcosis: Enrico Brunetti (Italy) • Controversies in the management of cystic echinococcosis. Is it time for a change?: Peter Chiodini (UK) **Free oral presentations (10 min each)** • Intracystic drug concentration of Albendazole and its active metabolite albendazole sulphoxide in human cystic echinococcosis: A systematic review: Felix Lötsch (Austria)	**SESSION 6 (120 min)** ***Chair: Dominique Vuitton (France); Bogdan Mastalier (Romania)*** ***Research Project on AE in Europe*** • "Echinococcus multilocularis infection in animals "(EMIA): Project funded by EFSA to support the review of the Regulation (EU) No 1152/2011: Adriano Casulli (Italy) on behalf of EMIA consortium (20 min) • Distribution and prevalence of *Echinococcus multilocularis* in animals and importance of the different hosts in the EU: a systematic review: Mar Siles-Lucas (Spain) - 15 min • Risk factors associated with human alveolar echinococcosis: a systematic review: Adriano Casulli (Italy) - 15 min • Laboratory techniques for the detection of Echinococcus multilocularis in animals and effectiveness of available de-worming

			• The relationship of Echinococcus and Helicobacter pylori: Hao Wen (China) • Performance comparison of three rapid diagnostic tests for the serodiagnosis of hepatic cystic echinococcosis in human: Francesca Tamarozzi (Italy) • Real-time Loop-Mediated Isothermal Amplification Assay for Simple and Rapid Detection of Cystic Echinococcosis, Sudan: Mohamed Ahmed (Sudan)	drugs: a systematic review: Mar Siles-Lucas (Spain) - 15 min • Monitoring and surveillance programmes for *Echinococcus multilocularis* in definitive and intermediate hosts in Europe: a systematic review: Franck Boue (France) – 15 min **Free oral presentations (10 min each)** • A novel antimalarial compound with promising activity against Echinococcus multilocularis interacts directly with Echinococcus calmodulin: Britta Stadelmann (Switzerland) • The expression and significance of IL-17 and IL-27 in liver tissue next to Echinococcus multilocularis: Li Ren (China) • The expression and significance of Smad2 and P38MAPK in hepatic tissues next to Echinococcus multilocularis: Guixiu Yin (China) • Discussions
		18.00	**GENERAL ASSEMBLY – RAH**	
		19.30	**WELCOME PARTY**	

Hour	***02.10.2015***	
	Room A - Bucuresti	**ROOM B – Tyr / ROOM C - Beirut**
08.00		**8.00**
08.30	**SESSION 7 (120 min)** ***Chair: Peter Deplazes (Switzerland); Diana Onac (Romania)*** **Diagnosis and management of AE** • Repurposed drugs and novel drug targets for the treatment of echinococcosis: Britta Stadelmann (Switzerland) 20 min **Free oral presentations (10 min each)** • Comprehensive diagnosis and treatment of Alveolar Echinococcosis (AE) in Ulm/Germany: A single-center experience of 112 patients (2012 to 2015): Andreas Hillenbrand (Germany) • Immuno-citological diagnosis of EM using the monoclonal antibody EM2G11 as compared to more than100 AE and CE lesions: Julian Schmidberger (Germany) • Deep proteomic analysis of hydatid cyst fluid of *Echinococcus granulosus* and *E. Multilocularis*: Wenbao Zhang (China) • Immunotherapy in secondary murine alveolar echinococcosis assessment of the recombinant EM EmP29 (rEmp29): Boubaker Ghalia (Switzerland) • Expression of Toll-like Receptor2, 4 and related Cytokines in Patients with hepatic Cystic and Alveolar Echinococcosis: Hao Wen (China) • Analysis of classification and imaging features in children with hepatic AE: Hai hua Bao (China) • The lesion growing characteristics of hepatic alveolar echinococcosis: DCE CT and MRI findings: Hai hua Bao (China) • Analysis of economic burden of patients with new model of personal case management	**SESSION 11 (120 min)** **ROOM C - Beirut** **HERACLES FP7 PROJECT – BUSSINES MEETING – I** **Adriano Casulli, Italy** **(RESTRICTED PARTICIPATION ONLY TO HERACLES CONSORTIUM)** **ROOM B – Tyr** **WORKSHOP ON EUROPEAN REGISTRY OF HUMAN ALVEOLAR ECHINOCOCCOSIS – I** **Dominique Vuitton and Laurence Million, France**

	of doctors-nurses-social workers: Guo Min (China) • Discussions	
10.30	Break / Poster viewing – Cystic echinococcosis	Break / Poster viewing – Cystic echinococcosis
11.00	**SESSION 8 (90 min)** ***Chair: Antonio Menezes da Silva (Portugal); Irinel Popescu (Romania)*** **Complications and treatment of abdominal CE (20 min each)** • Hydatid disease of the liver: 10 years' experience with 853 patients: Irinel Popescu (Romania) • Non-surgical treatment of complicated hydatid cyst of the liver: Mustapha Benazzouz (Morocco) • Pleural secondary hydatidosis after liver cysts percutaneous puncture: Karima Achour (Algeria) **Free oral presentations (10 min each)** • A single centre experience on surgical treatment of hepatic echinococcosis: Han-zhi Zhang (China) • Surgical treatment of the abdominal hydatid cyst – 5 year experience from Colentina Surgical Clinic: Bogdan Mastalier (Romania) • Giant hydatid hepatic cysts – Trying to hill better and to harm less: Adrian Zarafin (Romania)	**SESSION 12 (90 min)** **ROOM C - Beirut** **HERACLES FP7 PROJECT – BUSSINES MEETING - II** - **Adriano Casulli, Italy and Enrico Brunetti, Italy** **ROOM B – Tyr** **WORKSHOP ON EUROPEAN REGISTRATRY OF HUMAN ALVEOLAR ECHINOCOCCOSIS – II** - **Dominique Vuiton, France and Laurence Million, France**
12.30	Lunch / Poster viewing – Cystic echinococcosis	Lunch / Poster viewing – Cystic echinococcosis
14.00	**SESSION 9 (90 min)** ***Chair: Peter Chiodini (UK); Ioan Cordos (Romania)*** **Treatment of *non* complicated Liver CE (20 min each)** • Treatment of Liver cystic Echinococcosis - Nomenclature and therapeutic options: António Menezes da Silva (Portugal) • Allocation of Cystic Echinococcosis patients to treatment: Enrico Brunetti (Italy) • Place of non-radical Surgery for cystic Echinococcosis: Mircea Beuran (Romania) • Percutaneous treatment of type III (CE2/3b) liver hydatid cysts: comparison results of a new modified catheterization technique (MoCAT) with PAIR and catheterization: Okan Akhan (Turkey) **Free oral presentation (10 min)** • Laparoscopic approach in liver hydatid cyst – possibilities and limits: Ion Cosmin Puia (Romania)	**SESSION 13 (90 min)** ***Chair: Daniel Hegglin (Switzerland); Patricia Mihailescu (Romania)*** **Ecology of alveolar echinococcosis** **Free oral presentations (10 min)** • The zoonotic transmission of Echinococcus multilocularis in the light of human-wildlife interactions: Daniel Hegglin/Britta Stadelmann (Switzerland) • Echinococcus multilocularis in different rodent species: heterogeneous transmission dynamics at a small spatial scale: Olivia Beerli (Switzerland) • Primary (oral) infection of Echinococcus multilocularis eggs in various species of ecologically relevant intermediate hosts: Ian David Woolsey (Denmark) • Surveillance and management of *Echinococcus multilocularis* in a wildlife park: Gerald Umhang (France) • The role of the rodent in the *Echinococcus multilocularis* lifecycle in Sweden: Andreea Miller (Sweden) • Discussions
15.30	Break / Poster viewing – Cystic echinococcosis	Break / Poster viewing – Cystic echinococcosis
16.00	**SESSION 10 (90 min)** ***Chair: Mohamed Ahmed (Sudan); Sebastian Ionescu (Romania)***	**SESSION 14 (90 min)** ***Chair: Alicia Perez (Argentina); Gabriela-Loredana Popa (Romania)***

	Lung and other forms of CE (20 min each) • Treatment of non-complicated lung cysts: Karima Achour (Algeria) • Peculiarities of Lung CE - Experience in Sudan: Mohamed Ahmed (Sudan) • Misdiagnosis of lung echinococcosis: Ioan Cordos (Romania) **Free oral presentations (10 min each)** • Surgical approach for pulmonary hydatid cysts - 30 years of experience: Sebastian Ionescu (Romania) • 200 cases clinical introduction of hepatic cystic echinococcosis' standard surgical treatment: Ayidu Reyimu (China) • Application of individualized therapy in surgical treatment of hepatic hydatid disease and its clinical significance: Maimaitituerxun Tuerdi (China)	**Other forms of Echinococcosis: Neotropical Echinococcosis (20 min each)** • Status of Neotropical Echinococcosis: Katherina Vizcaychipi (Argentina) - Video presentation • New tools for diagnosis with a multidisciplinary approach: Ariel Naidich - Video presentation • Treatment of neotropical polychistic echinococcosis: Nilton Ghiotti de Siqueira (Brazil)/Antonio Menezes da Silva **Free oral presentations (10 min each)** • Microdiversity of *Echinococcus granulosus* sensu stricto in Australia and Chile: Alvares Rojas (Australia) • Discussions
17.30	**IAH GENERAL ASSEMBLY**	
19.30	**GALA DINNER**	

Hour	***03.10.2015***	
	Room A - Bucuresti	**Room B - Tyr**
08.30	**SESSION 15 (120 min)** ***Chair: Benoit Combes (France); Eniko Barabas-Hajdu (Romania)*** **Epidemiology and control of AE (20 min each)** • Epidemiology and control of AE in European countries : Bruno Gottstein (Switzerland) • Current situation of echinococcosis management. Networks and improvement in China: Wen Hao (China) - 20 min • Control of *Echinococcus multilocularis* in definitive hosts: Thomas Romig (Germany) • Alveolar echinococcosis in the field. What could be offered in order to control the parasite and its main definitive hosts?: Benoit Combes (France) • Towards an European database on human cases of Alveolar echinococcosis: Laurence Milllon (France) **Free oral presentation (10 min)** • Immunomodulation of host immunity by larval Echinococcus multilocularis: Wang Junhua (China) / Bruno Gottstein (Switzerland) **Discussions**	**SESSION 19 (120 min)** ***Chair: Leonardo Uchiumi (Argentina), Irina Dumitru (Romania)*** **Cystic echinococcosis – diagnosis and follow up** **Free oral presentations (10 min each)** • Cloning and characterization of potent Kunitz type protease inhibitors from *Echinococcus granulosus*: Donald P McManus (Australia) • Recovery indicator for human cystic echinococcosis/hydatidosis patients after surgery by evaluation of their IgG and its subclasses (IgG1 and IgG4): Saied Mahmoud Sadjadi (Iran) • Living donor liver transplantation for a complex hepatic CE: a case report from China: Shao Yingmei (China) • Analysis of 105 patients with hepatic cystic echinococcosis Type 4-5: Kadieraili Aerxin /Guo Yong Zhong (China) • Monitoring Heracles prospective patients and prepare their registration in the European Register for cystic echinococcosis (ERCE): Gabriela-Loredana Popa (Romania) • The role of the pericyst – digestive anastomosis in the surgical treatment of the hepatic hydatid cyst: Cristian Botezatu (Romania) • Minimal invasive techniques for liver hydatid disease: implementation of Heracles Project: Cosmin Alexandru Popa (Romania) • Evolution of minimally invasive Surgery in the management of hepatic hydatid cyst: Fadma Adi (Morroco) • Hidatidosis in the province of Catamarca, Argentina, anatomic location of the cysts and geographical distribution of cases in the period 2010-2014: Lopez Raul Alfredo (Argentina)

		• Neglected diseases returning into the attention of national public health authorities through international projects (case study HERACLES Project): Ioan Mircea Popa (Romania) • Research structure in order to improve quality of researches – Al Neelain University experience: Sara-Lavinia Brair (Sudan) • Discussions
10.30	Break / Poster viewing– Alveolar echinococcosis	Break / Poster viewing- Alveolar echinococcosis
11.00	**SESSION 16 (90 min)** ***Chair: Bruno Gottstein (Switzerland); Ion Cosmin Puia (Romania)*** **Advances in diagnosis and treatment of AE in humans (20 min each)** • Immune suppression and AE in experimental animals and in humans: Dominique Vuitton (France) • Advances in immunological diagnosis and follow-up of AE: Laurence Millon (France) **Free oral presentations (10 min each)** • Pitfalls in diagnosis and treatment of alveolar echinococcosis: a sentinel case series: Marija Stojkovic (Germany) • A European survey of the treatment of biliary complications by per-endoscopic procedures in patients with alveolar echinococcosis: Sylvain Ambregna / Dominique Vuitton (France) • Ex vivo liver resection and autotransplantation for end-stage Alveolar Echinococcosis: a case series: Hao Wen (China) • Discussions	**SESSION 20 (90 min)** ***Chair: Nazmiye Altintas (Turkey); Teofilia Banu (Romania)*** **Diagnosis and management of CE** **Free oral presentations (10 min each)** • Cystic echinococcosis in HIV infected patients: Irina Magdalena Dumitru (Romania) • Evaluation of chemotherapy in treating ewes naturally infected with hydatid disease: Haitao Li (China) • Investigations of genetic diversity in *Echinococcus granulosus sensu stricto* using a new microsatellite polymorphism approach: Umhang Gerald (France) • Strain characterization of *E. granulosus* bovine cyst and serological interleukin levels in hydatidosis and distomatosis infected cattle: Felipe Correa (Chile) • Surgical and molecular evaluation of pediatric hydatid cyst cases and some risk factors in Eastern Turkey: Sami Simsek (Turkey) • Discussion
12.30	Lunch / Poster viewing- Alveolar echinococcosis	Lunch / Poster viewing - Alveolar echinococcosis
14.00	**SESSION 17 (90 min)** ***Chair: Members of the Posters Jury*** **Oral presentation of the 10 best Poster selected by the Jury** **(8 min each/10 slides each)**	
15.30	Break	Break
16.00	**SESSION 18 (120 min)** **WHO Meeting** • On track for 2020? Towards the WHO roadmap's targets for neglected tropical diseases - Echinococcosis control: Bernadette Abela-Ridder / Elkhan Gasimov (WHO, Switzerland) - 30 min • An integrated approach to the control of Echinococcosis: the South American Initiative: Pilar Irabedra (Uruguay) - 30 min • Surveillance of human echinococcosis in EU/EEA – from trends to perceived EU priorities: Johanna Takkinen (ECDC, Sweden) - 30 min ***Discussions***	

18.00	**CLOSING CEREMONY** Authorities: • António Meneses da Silva - Past President IAH • New elected President • Elkhan Gasimov - WHO • Johanna Takkinen - ECDC • Carmen-Michaela Cretu - President of the Congress	