



# ICOPA XIII - POST CONGRESS REPORT

The XIII International Congress of Parasitology was held at the Hotel Camino Real in Mexico City from August 10 to 15, 2014. This report is published on the World Federation of Parasitology (WFP) and the ICOPA 2014 website in order to inform the delegates at ICOPA XIII, for reference for future congress organizers and for anyone interested in the outcome of this important and successful event.

## 1. Conference Statistics

### Registration, scholarships and types of presentation

Early Registration	383
Full Registration	537
Student Registration	366
Daily Registration	33
Trade/Sponsor Pass	35
<b>Total Participants</b>	<b>1354</b>

Scholarships	296
Invited Speakers (registration fee waived, 3 hotel nights, breakfast and lunch paid)	403
Invited Speakers (registration fee waived)	61

Country	Symposium	Oral	Poster	Total
Afghanistan			1	1
Alger			2	2
Argentina	13	6	21	40
Armenia			1	1
Australia	30	9	7	46

Austria	4	1		5
Bangladesh		1		1
Belgium	7	2	4	13
Bolivia		1		1
Brazil	37	31	170	238
Burkina Faso		1		1
Cambodia		1		1
Cameroon			1	1
Canada	18	10	3	31
Chile	3	1	16	20
China	4	8	19	31
Colombia	18	16	49	83
Congo Dem Rep			1	1
Costa Rica			1	1
Cuba	2		1	3
Czech Republic	5	13	22	40
Denmark	4	2	1	7
Ecuador		2	7	9
Egypt		2	23	25
Ethiopia			4	4
France	12	6	7	25
Gabon			1	1
Georgia			1	1
Germany	16	10	7	33
Ghana			4	4
Guatemala	1		2	3
Honduras	1			1
Hungary			1	1
India	9	17	29	55
Indonesia			2	2
Iran	1	6	13	20
Ireland	2			2
Israel	5			5
Italy	9	4	10	23
Japan	13	18	20	51
Kenya	2	2	3	7
Libya			1	1
Luxemburg	1			1
Malaysia	1	4		5
Mexico	58	76	389	523
Mongolia			1	1
Nepal		1		1
Netherlands	6	3		9
New Zealand	4	1		5
Nigeria		5	29	34
Oman			1	1

Pakistan		3	5	8
Paraguay	3		9	12
Peru	4	6	26	36
Philippines	1			1
Poland		1	11	12
Portugal	1	1	1	3
Puerto Rico	1			1
Rumania	1	3	1	5
Russia		1	4	5
Saudi Arabia			1	1
Senegal			1	1
Serbia	3			3
Singapore	1	2	2	5
Slovakia		1	2	3
Slovenia			1	1
South Africa	1	2	2	5
South Korea	2	2	20	24
Spain	17	4	37	58
Sri Lanka		1	2	3
Sudan		2	2	4
Sweden	2			2
Switzerland	14		2	16
Taiwan		2	2	4
Tanzania	1		2	3
Thailand	7	1	2	10
Turkey			7	7
UK	34	14	14	62
Uruguay	1		1	2
USA	108	21	7	136
Venezuela	2	4	8	14

Total number of countries: 81

### **Scientific Program**

Oral Presentations	331
Poster Presentations	1047
Invited Symposia Presentations	490
Total Submitted Abstracts	1868

### **Social Events (numbers of participants)**

Welcome Reception	900
Gala Dinner	220
Farewell lunch	180
Daily lunch 1354 x 4	5416

## **Sponsorship**

National Council of Science and Technology (CONACYT)  
National Autonomous University of Mexico (UNAM)  
Bill and Melinda Gates Foundation  
Slim Health Foundation  
Center for Research and Advanced Studies (CINVESTAV)  
Drugs for Neglected Diseases initiative (DNDi)  
Ministry of Public Education (SEP)  
Burroughs Wellcome Foundation  
National Polytechnic Institute (IPN)  
UNU-BIOLAC  
World Federation of Parasitology  
National Institute of Pediatrics (INPed)  
TELMEX  
Samsung

## **Exhibitors**

PLOS NTD  
Elsevier  
Cambridge University Press  
Sanofi  
BioAdvanced Systems  
Metrix  
Fonart  
Korean Society of Parasitology  
Thailand Society of Parasitology

## **Section 2: Conference Summary**

ICOPA, the International Congress of Parasitology, is the most important world summit for parasitology; it gathers over 1000 scientists interested in this area of research and teaching. ICOPA takes place each four years, this was the thirteenth edition and the first one held in a Latin American country.

Mexico had the honor of being selected as the venue for this important event by the vote of the countries that are members of the World Federation of Parasitologists; to all of them our gratitude. The Mexican Society of Parasitology selected Mexico City because it has all the possibilities to host, attend and entertain visitors from all over the world; it has good weather, good security, best living standards in the country and a variety of cultural and commercial offers and prices. Furthermore, Mexico City congregates most individuals performing research and teaching of parasitology in the country and is the oldest capital of the American continent; it has beautiful architecture, pre-Hispanic sites and museums that jointly with Mexican gastronomy, are a delight for tourists.

ICOPA XIII also was the venue of the 22nd congress of the Latin American Federation of Parasitologists and of the 20th National Congress of Parasitology that the Mexican Society of Parasitology organizes every two years.

The program, at a glance, was as follows:

General Program						
Time	August 10th, Sunday	August 11th, Monday	August 12th, Tuesday	August 13th, Wednesday	August 14th, Thursday	August 15th, Friday
08:00 - 18:00		Registration	Registration	Registration	Registration	Registration
08:30 - 09:30		Plenary conference 1	Plenary conference 3	Plenary conference 5	Plenary conference 7	Plenary conference 9
09:30 - 10:00		Coffee break	Coffee break	Coffee break	Coffee break	Plenary conference 10
10:00 - 11:30		Symposia 1-9	Symposia 28-36	Symposia 55-63	Symposia 82-90	Coffee break
11:30 - 13:30		Oral presentation 1-9	Oral presentation 10-18	Oral presentation 19-27	Oral presentation 28-36	Closing Conference and Ceremony
13:30 - 14:30		Lunch	Lunch	Lunch	Lunch	
14:30 - 16:00	Registration	Symposia 10-18	Symposia 37-45	Symposia 64-72	Symposia 91-99	
16:00 - 17:30		Symposia 19-27	Symposia 46-54	Symposia 73-81	Symposia 100-108	
17:30 - 18:00		Coffee break	Coffee break	Coffee break	Coffee break	
18:00 - 19:00	Opening Conference and Ceremony "Welcome reception"	Plenary conference 2	Plenary conference 4	Plenary conference 6	Plenary conference 8	
20:00 - 23:00					Gala Dinner	

Outstanding scientists presented plenary conferences during the opening and closing of ICOPA XIII and at the beginning and end of each days events. The speakers were as follows:

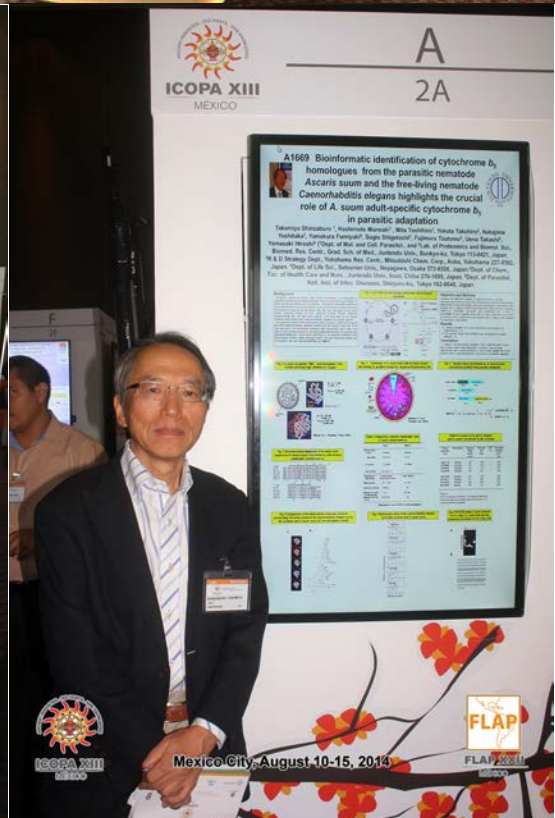
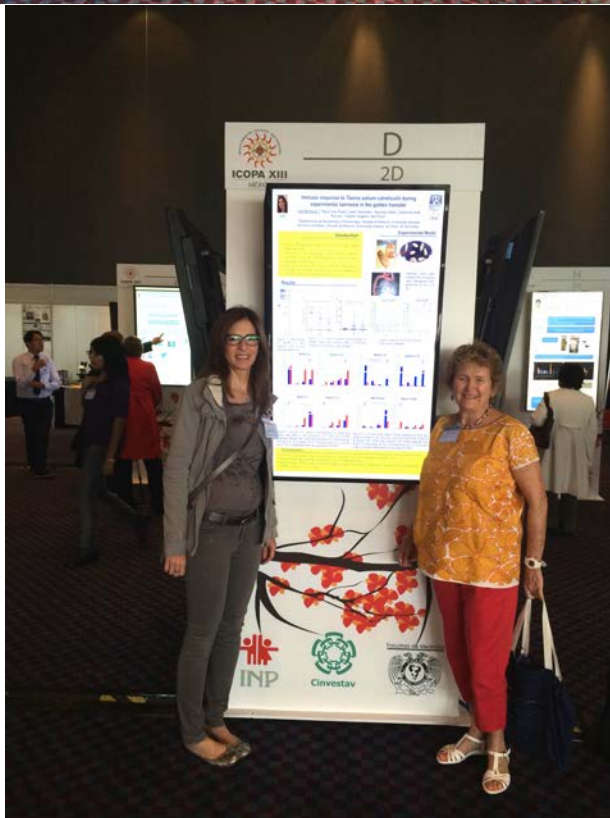
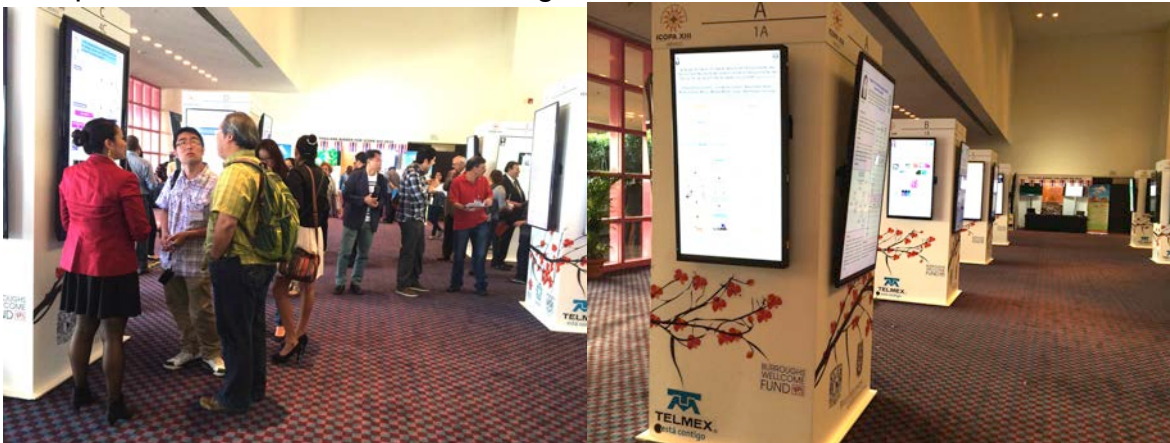
1. Bernard Pecoul, Switzerland. Research & Development for neglected patients: What has changed over the past two decades and what are the future challenges to guarantee access to treatments for patients in need?
2. Peter Hotez, USA. The antipoverty vaccines to combat the neglected tropical diseases
3. Robert Poulin, New Zealand. Parasite biodiversity revisited: frontiers and constrains
4. Thomas Richie, USA. The road from concept to proof of principle to deployment of the PfSPZ vaccine for elimination of *Plasmodium falciparum* malaria
5. Manuel E. Patarroyo, Colombia. New vaccines
6. Sara Lustigman, USA. The Onchocerciasis Vaccine for Africa Initiative: Recent Advances
7. Frank Brombacher, South Africa. Functional role of IL-4 and IL-13 target cells in cutaneous leishmaniasis
8. Gad Baneth, Israel. Tick borne infections of animals and humans: a common ground
9. Felipe Guhl, Colombia. From Ancient to contemporary molecular eco-epidemiology of Chagas disease in the Americas
10. Tomoyoshi Nozaki, Japan. Unique evolution of metabolism, pathogenesis and organelles in the enteric protozoon *Entamoeba histolytica*
11. Donald McManus, Australia. Towards the elimination of schistosomiasis from Asia through integrated control
12. Ricardo Gazinelli, Brazil. Innate resistance vs *Toxoplasma gondii*: an evolutionary tale of mice, cats and men

Several invited plenary speakers published an article in the International Journal of Parasitology, 44 (9) 2014 related to the plenary conference given at ICOPA.

ICOPA XIII had 3 unique and special features: 1) symposia with invited speakers and a green paperless program, 2) electronic trees for poster presentations and 3) an app.

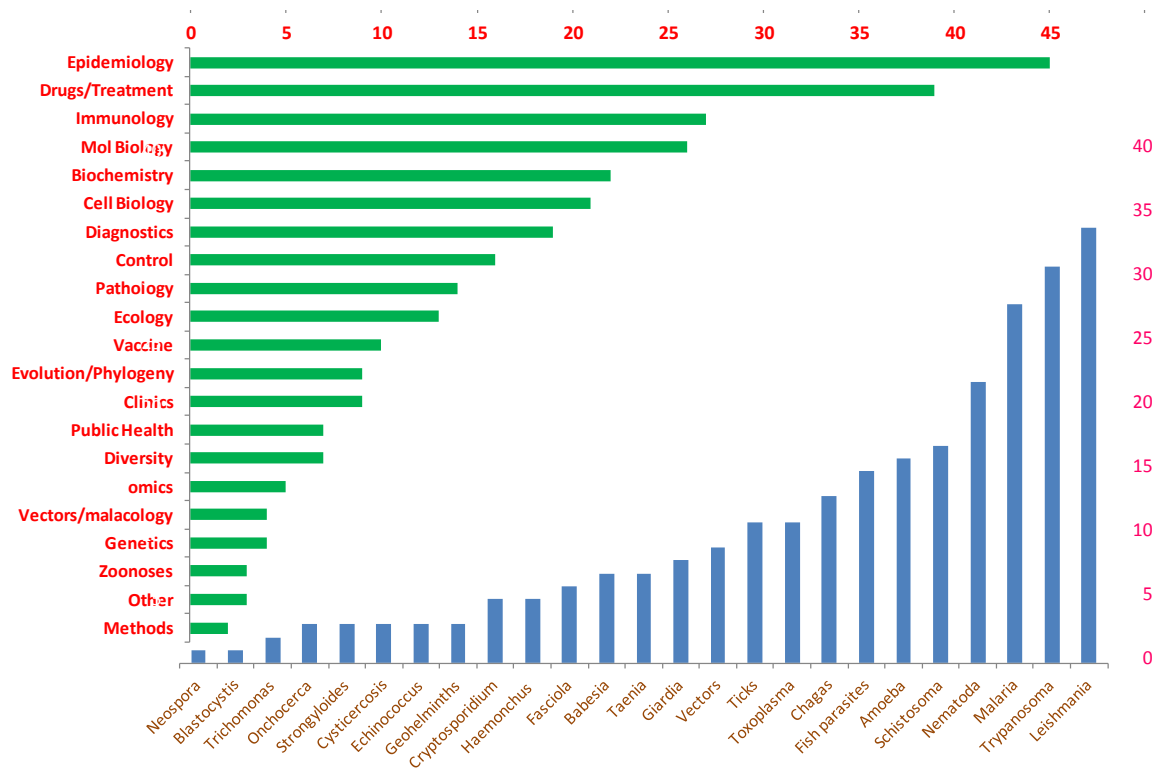
There were 127 symposia with four invited speakers on each symposium, who came from 48 countries and presented their work, related to 26 parasites and 23 topics, along four days in 11 simultaneous sessions, three per day. Each symposium was held for 90 minutes, 20 for each presentation and 10 at the end for discussion.

Electronic trees were indeed a technological innovation. There were nine electronic trees in the exhibition area, with four 55" screens hanged on each tree. Posters were received in a power point format; each poster was shown for one hour; 1047 different posters were presented along the four days. Leafs painted in the trees displayed all our sponsors to whom we are utmost grateful.



The app ([www.icopa2014.org/app](http://www.icopa2014.org/app)) included: the detailed program, where notes could be taken and forwarded by email, the proceedings with all the 1868 abstracts and the possibility to download and print the certificates of attendance.

Along the 4 days in 11 simultaneous sessions, 331 free oral papers were presented:



### Section 3: Special Features

The main attraction for scientists and students in this decade of electronic information was to organize an outstanding scientific program. The local scientific committee, which included Ana Flisser (UNAM) Guadalupe Ortega-Pierres (CINVESTAV), Patricia Talamas (CINVESTAV), Fidel Hernandez (CINVESTAV) and Dolores Correa (INPed), identified 80 renowned national and international scientists. We sent them and the three Past-Presidents as well as to 40 National Societies of Parasitology an invitation to suggest one or more symposia with 4 speakers each. We received around 100 proposals with 400 scientists recommended and their scientific productivity was analyzed using the Scopus database. Speakers had in average 34 publications in the last 5 years and an *h* index of 21 each. These, together with those recommended by us, were included in the final 127 symposia. The selection of plenary speakers was based on state of the art of scientists that work with different parasites and topics, live in cities on different continents and have more than 250 publications.



The International Scientific Committee was formed by: Werner Apt (Chile), Consuelo Almazan (France), Vern Carruthers (USA), Sergio Cimerman (Brazil), Alan Cowman (Australia), Jean Dupuy-Camet (France), Felipe Guhl (Colombia), Shimon Harrus (Israel), Peter Hotez (USA), Ikuo Igarashi (Japan), Marshall Lightowlers (Australia), Alex Loukas (Australia), Santiago Mas Coma (Spain), Don McManus (Australia), Antonio Osuna (Spain), Magdalena Plebanski (Australia), David Rollinson (UK) and Juan Timi (Argentina).

## **Invited Speakers' Symposia, schedules and rooms**

### **Amoebiasis:**

Infection, biochemistry and Immunity in amoebiasis:

Chair William Petri, Emma Saavedra, Kris Chadee, Michael Duchene

WEDNESDAY 13, 10.00-11.30, JARDIN

*Entamoeba histolytica* research in Mexico:

Chair Ruy Perez-Tamayo, Cecilia Ximenez, Mario A Rodriguez, Patricia Talamas,

WEDNESDAY 13, 16.00-17.30, JARDIN

Genomics and proteomics of *Entamoeba histolytica*:

Chair Egbert Tannich, Carol Gilchrist, Esther Orozco, Neil Hall

THURSDAY 14, 10.00-11.30, JARDIN

Medical relevance of free-living amoebas:

Chair Mineko Shibayama, Julia Walochnik, Naveed Khan, Jacob Lorenzo Morales

THURSDAY 14, 14.30-16.00, PUEBLA

### **Chagas disease:**

Vaccines against *Trypanosoma cruzi*:

Chair Nisha Garg, Mauricio Rodrigues, Daniel Hoft, Juan Carlos Vazquez-Chagoyan

MONDAY 11, 10.00-11.30, GIRASOLES

Chagas disease: new tools-new fields RICET-ECLAT:

Chair (only) Dolores Bargues, Manuel Fresno, Alejandro Luquetti,

Fernando Monteiro, Santiago Mas-Coma

MONDAY 11, 10.00-11.30, TERRAZA C

Vertical transmission of Chagas disease:

Chair Yves Carlier, Pierre Buekens, Sergio Sosa-Estani, Alejandro Luquetti

MONDAY 11, 14.30-16.00 TERRAZA C

Coevolution of *Trypanosoma cruzi* vector-host-parasite interaction:

Chair Guenter Schaub, Dolores Bargues, Gustavo Adolfo Vallejo, Ana Maria Jansen

MONDAY 11, 16.00-17.30, TERRAZA C

New challenges for vector control in Chagas disease: sylvatic triatomines:

Chair Antonieta Rojas de Arias, Felipe Guhl, Ricardo Gürtler,

Rodrigo Gurgel Gonçalves

TUESDAY 12, 10.00-11.30, TERRAZA C

Social and economic aspects for the control of Chagas disease:

Chair Janine Ramsey, Antonieta Rojas de Arias, Mario Grijalva, Tania Araujo

TUESDAY 12, 14.30-16.00 TERRAZA C

DNDi symposium: Chagas Disease: Advances from discovery to access:



Chair (only) Roberto Tapia-Conyer, Eric Chatelain, Isabela Ribeiro,  
Maria Elena Bottazzi, Judith Herrera & AMEPACH

TUESDAY 12, 16.00-17.30, CHAPULTEPEC B

Immunology of Chagas disease:

Chair Manuel Fresno, Walderes Dutra, Rick Tarleton, Graciela Russomando

TUESDAY 12, 16.00-17.30, TERRAZA C

Infection process of *Trypanosoma cruzi*:

Chair Rebeca Manning, Barbara Burleigh, Renato Arruda Mortara, Nisha Garg

WEDNESDAY 13, 10.00-11.30, TERRAZA C

New sceneries of Chagas disease transmission:

Chair Jose Rodrigues Coura, Belkis Noya, Felipe Guhl, Janine Ramsey

WEDNESDAY 13, 14.30-16.00, TERRAZA C

Viewpoints of public policies in parasitology

Chair (only) Roberto Tapia-Conyer, Peter Hotez, Eric Stobbaerts, Antonio Montresor,  
Miguel Betancourt

WEDNESDAY 12, 16.00-17.30, TERRAZA C

Biomarkers of therapeutic efficacy in Chagas Disease:

Chair Joaquim Gascon, Igor Almeida, Susana Laucella, Carmen Thomas

THURSDAY 14, 10.00-11.30, TERRAZA C

Control of Chagas disease:

Chair Chris Schofield, Celia Córdón-Rosales, Jackeline Alger, Paz Maria Salazar

THURSDAY 14, 16.00-17.30, TERRAZA C

### **Clinical parasitology:**

New developments in diagnostics for emerging human and animal diseases:

Chair Momar Ndao, Jaco Verweij, Helene Yera, Yvonne Qvarnstrom

MONDAY 11, 10.00-11.30 OAXACA

Management of endemic parasitic diseases:

Chair Santiago Mas-Coma, Benjamin Cimerman, Eileen Stillwaggon, Bernhards  
Ogutu

MONDAY 11, 16.00-17.30 OAXACA

Update and application of parasitic diagnosis:

Chair Naftale Katz, Alexandre Januario Da Silva, Herve Pelloux, Florence Robert-  
Gangneux

THURSDAY, 10.00-11.30, PUEBLA

### **Drugs:**

DNDi symposium: Drug Discovery for kinetoplastids:

Chair (only) Richard Glynn, Cochair (only) Graeme Bilbe, Charles Mowbray,  
Luiz Carlos Dias, James Miles, Jose Fiandor

WEDNESDAY 13, 14.30-16.00, CAMELIAS

Novel drugs against protozoan diseases:

Chair Werner Apt, Sandhya Kortagere, Raul Romero,

THURSDAY 14, 14.30-16.00, CAMELIAS

Drugs for neglected diseases:

Chair Reto Brun, Alan Fenwick, Neena Goyal, Melissa Sykes

THURSDAY 14, 16.00-17.30, GIRASOLES

### **Echinococcosis:**

Recent advances in echinococcoses:

Chair Akira Ito, Tetsuya Yanagida, Mara Rosenzvit, Adriano Casulli

TUESDAY 12, 10.00-11.30, PUEBLA

Epidemiology and control of alveolar echinococcosis:

Chair Thomas Romig, Paul Torgerson, Akira Ito, Joke van der Giessen

TUESDAY 12, 16.00-17.30, OAXACA

New prospects for control of cystic echinococcosis:

Chair Paul Torgerson, David Jenkins, Christine Budke, Marshall Lightowlers

WEDNESDAY 13, 10.00-11.30, OAXACA

### **Fish parasites:**

Freshwater fish parasite diversity:

Chair Gerardo Perez Ponce de Leon, Anindo Choudhury, Jose Luis Luque,

Robert Poulin

TUESDAY 12, 14.30-16.00, CAMELIAS

Parasites and aquaculture:

Chair (only) Juan Timi, Kazuo Ogawa, Kurt Buchmann, Barbara Nowak, Michael Kent

TUESDAY 12, 16.00-17.30, MOLINO A

Parasites as biological tags:

Chair Robert Lester, Juan Timi, Simonetta Mattiucci, Marcelo Oliva

WEDNESDAY 13, 14.30-16.00, JARDIN

Fishborne zoonoses:

Chair Simonetta Mattiucci, Claudia Portes-Santos, Roman Kuchta, S. Ravichandran

THURSDAY 14, 10.00-11.30, CHAPULTEPEC A

### **Giardiasis and cryptosporidiasis:**

New insights on *Giardia* cell biology:

Chair Maria Touz, John Samuelson, Steven Singer, Steven Rafferty

MONDAY 11, 10.00-11.30, CHAPULTEPEC A

Pathophysiology of giardiasis:

Chair Guadalupe Ortega-Pierres, Andre Buret, Staffan Svärd, Steven Singer

MONDAY 11, 14.30-16.00 CHAPULTEPEC A

Regulation of gene expression in *Giardia*:

Chair Hugo Lujan, Staffan Svärd, Marco Lalle, Janet Yee

MONDAY 11, 16.00-17.30, CHAPULTEPEC A

Mechanisms of drug resistance in *Giardia*:

Chair Alessandro Giuffre, Guadalupe Ortega-Pierres, David Leitsch, Osnat Herzberg

TUESDAY 12, 10.00-11.30, CHAPULTEPEC A

Epidemiology of cryptosporidiasis:

Chair Monica Santin, Lihua Xiao, Rachel Chalmers, Veeranoot Nissapatorn

WEDNESDAY 13, 10.00-11.30, CAMELIAS

Update in giardiasis and cryptosporidiasis:

Chair Rachel Chalmers, Angel Escobedo, Lihua Xiao, William Petri Jr

WEDNESDAY 13, 14.30-16.00, CHAPULTEPEC A

**Helminths:**

Immunity and helminths (1):

Chair David Voehringer, Thomas Nutman, Ignacio Terrazas, Ricardo Fujiwara

MONDAY 11, 10.00-11.30 MOLINO B

Immunobiology of *Fasciola hepatica*:

Chair Carlos Carmona, Ana Espino, Laura Cervi, Momar Ndao

MONDAY 11, 14.30-16.00 MOLINO B

Helminths and helminth products for treatment of inflammatory diseases:

Chair Alex Loukas, Sheila Donnelly, William Harnett, Derek McKay

TUESDAY 12, 10.00-11.30, MOLINO B

Vaccines against helminth parasites:

Chair Maria Elena Bottazzi, Antonio Osuna, Guadalupe Ortega Pierres,

Alessandro Amarante

TUESDAY 12, 14.30-16.00, MOLINO B

Immunity and helminths (2):

Chair Thomas Wynn, William Gause, Edward Pearce, Padraic Fallon

TUESDAY 12, 16.00-17.30 MOLINO B

Inflammatory diseases and helminths:

Chair Derek McKay, Miriam Rodriguez-Sosa, Sandra O'Neill, Edward Pearce

WEDNESDAY 13, 10.00-11.30, MOLINO B

Genomics of helminths:

Chair Juan Pedro Lacleite, Keeson Eom, Matthew Berriman, Philip LoVerde

WEDNESDAY 13, 16.00-17.30, PUEBLA

Towards sustainable control of soil-transmitted helminths, an Asian perspective:

Chair Archie Clements, Donald Stewart, Ricardo Soares-Magalhaes, Franziska Bieri

WEDNESDAY 13, 16.00-17.30 CHAPULTEPEC B

New insights on mass treatment against geohelminths:

Chair Theresa Gyorkos, Antonio Montresor, Jozef Vercruyssen, Jong-Yil Chai

THURSDAY 14, 10.00-11.30, OAXACA

**Leishmaniasis:**

Immunity to leishmaniasis:

Chair Diane McMahon-Pratt, David Sacks, Ingeborg Becker, Christian Bogdan

MONDAY 11, 14.30-16.00, CHAPULTEPEC B

Molecules and genes of kinetoplastids:

Chair Barbara Papadopoulou, Peter Myler, Dan Zilberstein, Christine Clayton

TUESDAY 12, 10.00-11.30, CHAPULTEPEC B

Immunology of *Leishmania*:

Chair Ingeborg Becker, Abhay Satoskar, Frank Brombacher, Kenneth Gollob

TUESDAY 12, 14.30-16.00, CHAPULTEPEC B

Sanofi symposium: Moving forward in the treatment of cutaneous leishmaniasis:

Chair (only) Robert Sebbag, Alejandro Llanos-Cuentas, Bartira Rossi-Bergmann,

Sara Robledo, Daniel Argaw Dagne

TUESDAY 12, 16.00-17.30, JARDIN

Epidemiology of leishmaniasis:

Chair Ivan Velez, Charles Jaffe, Daniel Argaw Dagne

WEDNESDAY 13, 10.00-11.30, CHAPULTEPEC B

Molecules and genes of *Leishmania*:

Chair Martin Olivier, Albert Descoteaux, Neeloo Singh, Barbara Papadopoulou  
WEDNESDAY 13, 14.30-16.00, CHAPULTEPEC B

Vaccines against *Leishmania*:

Chair Manoel Barral Netto, Anuradha Dube, Steven Reed, Sima Rafati  
WEDNESDAY 13, 10.00-11.30, PUEBLA

DNDi symposium: Challenges in leishmaniasis control:

Chair (only) Daniel Dagne, Jorge Alvar, Bhawna Sharma, Byron Arana, Manu Vanaerschot  
THURSDAY 14, 14.30-16.00, TERRAZA C

**Malaria:**

Vaccines against *P. falciparum* malaria (1):

Chair Toshihiro Horii, Kenji Hirayama, Alan Cowman, Jose M Lozano  
MONDAY 10.00-11.30, TERRAZA B

Vaccines against *P. falciparum* malaria (2):

Chair Adrian Hill, Magdalena Plebanski, Michael Good, Thomas Richie  
MONDAY 11, 14.30-16.00, TERRAZA B

Host cell remodeling and transport mechanisms in malaria:

Chair Leann Tilley, Brendan Crabb, Jude Przyborski, Sanjay Desai  
MONDAY 11, 16.00-17.30, TERRAZA B

Acquired immunity to malaria:

Chair Magdalena Plebanski, Fidel Zavala, Michael Good, Denise Doolan  
TUESDAY 12, 10.00-11.30, TERRAZA B

Vaccines against *P. vivax* malaria:

Chair (only) Hernando del Portillo, Arturo Reyes-Sandoval, Socrates Herrera, Manuel A Patarroyo, Christian Ockenhouse  
TUESDAY 12, 14.30-16.00, TERRAZA B

IFTM symposium: Elimination of malaria in America:

Chair Claudio Tadeu Daniel-Ribeiro, Marcus Lacerda, Socrates Herrera, Keith Carter, Yara Traub-Cseko  
TUESDAY 12, 16.00-17.30 TERRAZA B

Antimalarial drug resistance and the development of new compounds:

Chair Colin Sutherland, Elizabeth Winzeler, Pierre Lutgen, Pradip Rathod  
WEDNESDAY 13, 10.00-11.30, TERRAZA B

Epidemiology of malaria in America:

Chair Marcelo Urbano Ferreira, Lilia Gonzalez-Ceron, Socrates Herrera, Erika Braga  
WEDNESDAY 13, 14.30-16.00, TERRAZA B

*Plasmodium vivax* malaria:

Chair Simon Hay, Hernando del Portillo, Alberto Moreno, Takafumi Tsuboi  
WEDNESDAY 13, 16.00-17.30, TERRAZA B

Clinical studies and trials in malaria:

Chair Bernhards Ogutu, Ivo Mueller, Christian Ockenhouse, André Machado Siqueira  
THURSDAY 14, 16.00-17.30, TERRAZA B

Past President Symposium: Molecular approaches to malaria:

Chair (only) Alan Cowman (2010), Celia RS Garcia, Manoj Duraisingh, Tim Gilberger, Zbynek Bozdech

THURSDAY 14.30-16.00, TERRAZA B  
Epidemiology of malaria in Asia-Pacific:  
Chair Ivo Mueller, Rick Fairhurst, Srivicha Krudsood  
THURSDAY 14, 10.00-11.30, TERRAZA B

**Nematoda:**

*Strongyloides stercoralis* an opportunistic parasite:  
Chair Thomas Nutman, Yukifumi Nawa, Mark Viney, Adrian Streit  
MONDAY 11, 16.00-17.30, MOLINO B

Alternative control of gastrointestinal nematodes in ruminants:  
Chair Jozef Vercruyse, Felipe Torres-Acosta, Herve Hoste, Jos Houdijk  
WEDNESDAY 13, 14.30-16.00, MOLINO B

Worm control in veterinary medicine:  
Chair Ian Sutherland, Michael Stear, Ray Kaplan, Janina Demeler  
WEDNESDAY 13, 16.00-17.30, MOLINO B

Biology and treatment of *Haemonchus*:  
Chair Roger Prichard, David Knox, Anne Lespine, Fernando Alba-Hurtado  
THURSDAY 14, 10.00-11.30, MOLINO B

AMPAVE symposium: Biological control and genetic resistance of gastrointestinal nematodes:  
Chair Pedro Mendoza de Gives, Nadia Ojeda Robertos, Roberto Gonzalez Garduño, Liliana Aguilar Marcelino  
THURSDAY 14, 14.30-16.00, MOLINO B

Vaccines against nematodes of veterinary importance:  
Chair David Knox, Ian Sutherland, Alasdair Nisbet, Peter Geldhof  
THURSDAY 14, 16.00-17.30, MOLINO B

Onchocercosis:  
Chair Roger Prichard, Marck Hubner, Mario Alberto Rodriguez-Perez, Sara Lustigman  
THURSDAY 14, 16.00-17.30, CAMELIAS

**"Omics":**

Genome, epigenetics and transcriptional regulation:  
Chair Makedonka Mitreva, Dan Zilberstein, Celia RS Garcia, Kirk Deitsch  
MONDAY 11, 10.00-11.30, CHAPULEPEC B

Protein trafficking (1):  
Chair Vern Carruthers, Leann Tilley, Dominique Soldati-Favre, David Engman  
MONDAY 11, 14.30-16.00, GIRASOLES

Manipulating genomes and expression of parasites and its applications:  
Chair John Boothroyd, Fidel Zavala, Dante Zarlenga,  
TUESDAY 12, 14.30-16.00 CHAPULTEPEC A

Proteomics:  
Chair (only) Patricia Talamas, Manuel A Patarroyo, Antonio Osuna, Edmundo Grisard,  
TUESDAY 12, 16.00-17.30 CHAPULTEPEC A

Exosomes and parasites:  
Chair Neil Reiner, Hernando del Portillo, Antonio Marcilla, Patricia Johnson

WEDNESDAY 13, 10.00-11.30, CHAPULTEPEC A

Systems Biology:

Chair Emma Saavedra, Manuel Llinas, Elizabeth Winzeler

WEDNESDAY 13, 14.30-16.00, MOLINO A

Metabolomics of protozoan parasites:

Chair: Manuel Llinas, Tomoyoshi Nozaki, Edward Jarroll, Isaura Meza

THURSDAY 14, 10.00-11.30, GIRASOLES

Protein trafficking (2):

Chair: Stanislas Tomavo, Alan Cowman, James Bangs, Tomoyoshi Nozaki

THURSDAY 14, 16.00-17.30, CHAPULTEPEC A

### **Other protozoan parasites:**

Molecular biology of protozoan parasites (1):

Chair Bianca Zingales, Michael Grigg, Manu Vanaerschot, Leonhard Schnittger

MONDAY 11, 10.00-11.30, PUEBLA

Molecular biology of protozoan parasites (2):

Chair Santiago Martinez-Calvillo, Lazara Rojas, Juan David Ramirez, Peter Myler

MONDAY 11, 14.30-16.00, JARDIN

Role for *Blastocystis* in irritable bowel syndrome:

Chair Christen Rune Stensvold, Pauline Scanlan, Pablo Maravilla, Kenneth Boorom

MONDAY 11, 16.00-17.30, PUEBLA

Biology of *Trichomonas vaginalis* in the postgenomic era:

Chair David Leitsch, Jorge Gonzalez, Robert Hirt, Rossana Arroyo

TUESDAY 12, 14.30-16.00, OAXACA

Vaccines against protozoan parasites:

Chair Eric Dumonteil, Monica Florin-Christensen, Eskild Petersen, William Petri Jr

WEDNESDAY 13, 14.30-16.00, OAXACA

### **Publishing and teaching:**

Open access journals:

Chair Peter Hotez (PLOS NTD), Adelton Brandao (MIOC), Srimathy Sriskantharajah (BioMed Central), Zoë Mullan (Lancet Global Health)

MONDAY 11, 16.00-17.30, GIRASOLES

Teaching parasitology and exchanging materials:

Chair Fabrizio Bruschi, Ian Beveridge, Pablo Maravilla, Marcelo Urbano Ferreira

TUESDAY 12, 10.00-11.30, CAMELIAS

Editors' recommendations:

Chair Yukifumi Nawa (PI), Alex Loukas (IJP), Heinz Melhorn (PR), Felipe Guhl (AT)

WEDNESDAY 13, 16.00-17.30 GIRASOLES

### **Schistosomiasis:**

Molecular Malacology:

Chair Dolores Barges, Roberta Caldeira, Tim Yoshino, Russel Stothard

TUESDAY 12, 10.00-11.30, JARDIN

Integrated control of schistosomiasis:

Chair David Rollinson, Donald Harn, Dan Colley, Alan Fenwick

TUESDAY 12, 14.30-16.00, GIRASOLES

Past President Symposium: Schistosome genomics: discoveries and insights:  
Chair (only) David Rollinson (2006), Guilherme Oliveira, Neil Young, Paul Brindley,  
Tim Anderson

WEDNESDAY 13, 10.00-11.30, GIRASOLES

Vaccines against schistosomes:

Chair Donald Harn, Alex Loukas, Maria Elena Bottazzi

WEDNESDAY 13, 16.00-17.30, CHAPULTEPEC A

Integrated control of Asian schistosomiasis:

Chair (only) Don McManus, Yuesheng Li, Remigio Olveda, Nobuo Ohta, Darren Gray

THURSDAY 14, 16.00-17.30, JARDIN

### **Taeniosis/cysticercosis:**

Control of *Taenia solium* cysticercosis in sub-Saharan Africa:

Chair Maria Vang Johansen, Helena Ngowi, Pierre Dorny, Helene Carabin

MONDAY 11, 14.30-16.00, OAXACA

Vaccines against *Taenia solium*:

Chair Marshall Lightowers, Edda Sciutto, Armando Gonzalez, Kapil Maithal

TUESDAY 12, 10.00-11.30, OAXACA

Clinical aspects of toxoplasmosis and cysticercosis in brain and eye:

Chair Jaroslav Flegr, Jorge Enrique Gomez-Marin, Agnes Fleury, Hector Hugo Garcia

WEDNESDAY 13, 14.30-16.00, PUEBLA

State of the art for the control of *Taenia solium* cysticercosis:

Chair Hector Hugo Garcia, Arve Lee Willingham, Ana Flisser, Akira Ito

THURSDAY 14, 14.30-16.00 CHAPULTEPEC B

Modern approaches on neurology of human cysticercosis:

Chair Theodore Nash, Agnes Fleury, Vedantam Rajshekhar, Siddhartha Mahanty

THURSDAY 14, 16.00-17.30, PUEBLA

### **Tick-borne diseases:**

Epidemiology of tick-borne diseases:

Chair Ikuo Igarashi, Gianluca D'Amico, Glen Scoles, Andrei Mihalca

MONDAY 11, 10.00-11.30, MOLINO A

Resistance of ticks to acaricides:

Chair Roger Ivan Rodriguez Vivas, Renato Andreotti, Rodrigo Rosario-Cruz,  
Adalberto Pérez de León

MONDAY 11, 14.30-16.00, MOLINO A

Tick vaccines:

Chair Consuelo Almazan, Albert Mulenga, Ondrej Hajdusek, Renato Andreotti

MONDAY 11, 16.00-17.30 CHAPULTEPEC B

Important tick-borne diseases:

Chair Gad Baneth, Barbara Kohn, Shimon Harrus, Reinhard Straubinger

WEDNESDAY 13, 10.00-11.30, MOLINO A

Mechanisms and control of tick-borne diseases:

Chair (only) Shimon Harrus, Abdul Jabbar, Joke van der Giessen, Claudio Mafra,  
David Walker

THURSDAY 10.00-11.30, CHAPULTEPEC B



Tick-borne pathogens:

Chair Juan Mosqueda, Leonhard Schnittger, Theo Schetters, Jinlin Zhou  
THURSDAY 14, 14.30-16.00, CHAPULTEPEC A

Vaccines against tick-borne protozoan diseases:

Chair Theo Schetters, Audrey Lau, Wendy Brown, Monica Florin-Christensen  
THURSDAY 14, 16.00-17.30, MOLINO A

### **Topics on Parasitology:**

Parasitic Infections of medical Importance in Thailand:

Chair Jitra Waikagul, Saovanee Lealayooa, Paiboon Sithithaworn, Jetsumon Sattabongkot

MONDAY 11, 10.00-11.30, CAMELIAS

New generation adjuvants for anti-parasite vaccines:

Chair Sarah Gilbert, Kenji Hirayama, Adrian Hill,

MONDAY 11, 16.00-17.30, JARDIN

Past President Symposium: Impact of some parasitic diseases on human health in Latin America:

Chair (only) Rasul Kahn (2002), Francisco Martins-Melo, Peter Hotez, Oscar Noya, Alfonso Rodriguez-Morales

TUESDAY 12, 10.00-11.30, GIRASOLES

Emerging Topics in Parasitic Zoonotic Diseases:

Chair Alfonso Rodriguez-Morales, Olgica Djurkovic-Djakovic, Angel Escobedo, Carlos Franco

TUESDAY 12, 16.00-17.30, GIRASOLES

Management of ectoparasites:

Chair Heinz Mehlhorn, Abdul Rahuman, Helder Cortes, Gunter Schaub

TUESDAY 12, 16.00-17.30, CAMELIAS

Geospatial health: predicting parasitic diseases:

Chair Marcel Tanner, Laura Rinaldi, Simon Hay, Archie Clements

WEDNESDAY 13, 14.30-16.00 GIRASOLES

Control of neglected parasitic diseases:

Chair Pablo Kuri, Marco Albonico, Chris Schofield, Simon Brooker

WEDNESDAY 13, 16.00-17.30, CAMELIAS

Impact of climate change on parasitism:

Chair Dolores Correa, Jos Houdijk, Ravinder Sehgal

THURSDAY 14, 14.30-16.00, MOLINO A

Parasites, microbiota and the gut:

Chair Richard Grencis, Judith Appleton, Paul Brindley, P'ng Loke

THURSDAY 10.00-11.30, CAMELIAS

Tropical diseases in India:

Chair SL Hoti, Sarala Subbarao, Vedantam Rajshekhar, Veena Tandon

THURSDAY 14, 16.00-17.30, CHAPULTEPEC B

### **Toxoplasmosis:**

Diversity of *Toxoplasma gondii* in developing countries:

Chair Michael Grigg, Hilda Fatima Jesus Pena, Heriberto Caballero, Alejandra de la Torre

MONDAY 11, 16.00-17.30, MOLINO A

Diversity of *Toxoplasma gondii*:

Chair Daniel Ajzenberg, Chunlei Su, John Boothroyd, XingQuan Zhu

TUESDAY 12, 10.00-11.30, MOLINO A

“Bon appétit”: Foodborne *Toxoplasma gondii* infections:

Chair Olgica Djurkovic-Djakovic, Joke van der Giessen, Daniel Ajzenberg, Bretislav Koudela

TUESDAY 12, 14.30-16.00, MOLINO A

Clinical aspects of toxoplasmosis and cysticercosis in brain and eye:

Chair Jaroslav Flegr, Jorge Enrique Gomez-Marin, Agnes Fleury, Hector Hugo Garcia

WEDNESDAY 13, 14.30-16.00, PUEBLA

Epidemiology and control of congenital toxoplasmosis:

Chair Jose Gilberto Montoya, Eskild Petersen, Jorge Enrique Gomez-Marin, XingQuan Zhu

WEDNESDAY 13, 16.00-17.30, MOLINO A

Immunology of congenital and acquired toxoplasmosis:

Chair Erick Denkers, Ricardo Gazzinelli, Dolores Correa, Ermanno Candolfi

THURSDAY 14, 10.00-11.30, MOLINO A

### **Trichinellosis:**

Molecular biology of *Trichinella*:

Chair Benjamin Rosenthal, Makedonka Mitreva, Dante Zarlenga, Liu Mingyuan

TUESDAY 12, 16.00-17.30, PUEBLA

Immunology of *Trichinella*:

Chair Judith Appleton, Ljiljana Sofronic-Milosavljevic, Richard Grecis, Pascal Boireau

THURSDAY 14, 14.30-16.00, OAXACA

Epidemiology of *Trichinella*:

Chair Jean Dupouy-Camet, Pascal Boireau, Karsten Noeckler, Eduardo Pozio

THURSDAY 14, 16.00-17.30, OAXACA

### **Vectors:**

Transmission and mosquito vectors in malaria:

Chair Humberto Lanz, Carolina Barillas, Shirley Luckhart, Salvador Hernandez-Martinez

MONDAY 11, 10.00-11.30, JARDIN

Immune system of vectors:

Chair Bertha Espinoza, Bruce Christensen, Humberto Lanz, Carl Lowenberg

MONDAY 11, 14.30-16.00, CAMELIAS

Mosquito vectors in malaria, basic studies:

Chair Fidel Hernandez, Anthony James, Jose Ribeiro, Carolina Barillas

MONDAY 11, 16.00-17.30, CAMELIAS

Vectors of *Leishmania*:

Chair Jesus Valenzuela, Eduardo Rebollar-Tellez, Oscar Daniel Salomon, Paulo Pimenta

THURSDAY 14, 14.30-16.00, GIRASOLES

## **Titles and chairs of free oral sessions**

Amoeba biochemistry, molecular and cellular biology	Tomoyoshi Nozaki
Amoebiasis	Cecilia Ximenez
Behavior, ecology and experimental models	Bob Lester
Chagas disease: clinics	Paz Maria Salazar
Chagas disease: epidemiology 1	Janine Ramsey
Chagas disease: epidemiology 2	Bertha Espinoza
Epidemiology and control of parasites	Felipe Guhl
Epidemiology and control of plathelminthes	Ana Flisser
Epidemiology of Leishmania	Ingeborg Becker
Epidemiology of Protozoa and Helminthes	Guadalupe Ortega
Epidemiology of Toxoplasmosis	Dolores Correa
Fish and Gastropodes: Phylogeny and diversity	Gerardo Perez
Fish parasites: Ecology	Juan Timi
Fish parasites: Phylogeny and diversity	Anindo Choudhury
Helminths: Applied aspects	Pablo Maravilla
Helminths: Basic aspects	Benjamin Rosenthal
Helminths: Cell Biology and biochemistry	Jean Dupouy-Camet
Helminths: Clinical and public health aspects	Nockler Karsten
Helminths: Epidemiology	Edoardo Pozio
Helminths: Immunology	Fela Mendlovic
Helminths: Omics and cell biology	Raul Bobes
Helminths: Treatment	Felipe Torres Acosta
Invertebrate host biology and ecology	Tim Yoshino
Malaria vectors	Fidel Hernandez
Malaria cell biology and biochemistry	Alan Cowman
Molecular Biology of Protozoa and Helminths	Peter Myler
Protozoa: Biochemistry and cell biology 1	Emma Saavedra
Protozoa: Biochemistry and cell biology 2	Edward Jarroll
Protozoa: Clinics and pathology	Werner Apt
Protozoa: Clinics, diagnosis and treatment	David Engman
Protozoa: Diagnosis	Fernando Anaya
Protozoa: Diagnosis clinical aspects	Rossana Arroyo
Protozoa: From basic to applied aspects	Alejandro Luquetti
Protozoa: Immunology	Fidel Zavala
Protozoa: Omics and biochemistry	Patricia Talamas
Protozoa: Pathology	Andre Buret
Protozoa: Phylogeny and diversity	Juan David Ramirez
Protozoa: Vaccines	Nisha Garg
Schistosoma and other trematoda	David Rollinson
Taenids	Gillermina Avila
Ticks and tick-borne diseases	Andrei Mihalca
Treatment against intestinal parasites	Raul Romero
Trypanosomatids: Drug development and trials	Alejandro Luquetti
Vector borne parasites: control and public health	Yara Traub

## Section 4: Organizing Committees

The local organizing committee was conformed by Aurora Candil (UNAM) treasurer, Rebeca Manning (CINVESTAV), Guadalupe Ortega(CINVESTAV), Juan Pedro Laclette (UNAM) and Ana Flisser fundraising; Fidel Hernandez and Rebeca Manning, pre-congress courses; Raul Bobes (UNAM), scholarship program; Pablo Martinez Labat (UNAM), communication; and Juan Carlos Montiel Egremy, who transformed the idea of electronic trees for posters into a reality. Further support was obtained from Fela Mendlovic, Mayra Cruz, Guillermina Avila, Barbara Moguel, Yolanda Garcia, Manuel Gutierrez, Raul Romero and Martha Ponce (all from UNAM), Arturo Perez-Taylor (CINVESTAV) and David Moreno Candil. Juan David Ramirez (NIH and Colombia) obtained the funds from UNU-BIOLAC and was part of the organization of the molecular parasitology course.

The Professional Congress Organizer (PCO) was Business Congress Mexico (btc), an efficient, responsible and sustainable local company.

## Section 5: Scholarships

296 registration fee scholarships were provided for students and young scientists from different countries, mostly from developing areas. These included Algeria, Argentina, Australia, Brazil, Cambodia, Chile, Colombia, Congo, Czech Republic, Ecuador, Egypt, Ghana, Guatemala, Hungary, India, Iran, Kenya, Malaysia, Mexico, Nigeria, Pakistan, Peru, Senegal, Slovakia, Spain, Sudan, United Kingdom and Venezuela. Also, the Faculty of Medicine, the Faculty of Sciences and the Faculty of Superior Studies, Cuautitlan, from UNAM, provided scholarships to undergraduate students.

## Section 6: Pre-Congress courses

1. Molecular Parasitology (dry and wet lab workshop). Juan David Ramirez, Fidel Hernandez and Rebeca Manning. 16 students, August 7-10
2. Up date on Chagas Disease: Werner Apt, Felipe Guhl and Ines Zulantay. 33 participants. August 10
3. Extracellular vesicles and parasites: Hernando del Portillo, Antonio Osuna, Antonio Marcilla. 13 participants. August 10
4. How to write a scientific paper: Alfonso Rodriguez-Morales, Ana Flisser. 10 participants. August 10

## Section 7: Miscellaneous

**Opening ceremony:** The presidium of the opening ceremony, seen from left to right included: Dr. Ana Flisser, President of ICOPA XIII, Dr. Bernard Pecoul, President of DNDi, Dr. Rene Asomoza, Director of CINVESTAV, Dr. Jose Narro-Robles, Dean of UNAM; Dr. Luis Favila, Director of Basic Research of CONACYT, Dr. Alan Cowman, President of the WFP and Dr. Guadalupe Ortega-Pierres, member of the Local Scientific Committee. All sponsors' logos can be seen in the back.



Dr. Jose Narro-Robles, Dean of UNAM, made the official opening of ICOPA XIII



**Opening cocktail:** Around 1,000 scientists and students enjoyed meeting new colleagues. Students had the occasion to look for future post-doctoral possibilities. All attendees had the opportunity to taste Mexican food and drinks. We all enjoyed the beautiful music played by the Quartet of the UNAM Philharmonic Orchestra.

**WFP Distinguished Achievement Awards 2014**, personally given at the gala dinner

- ★ Eduardo Pozio, European Federation of Parasitologists
- ★ Hector Quiroz-Romero, Mexican Society of Parasitology
- ★ Ian Beveridge, Australian Society of Parasitology
- ★ Jean Dupouy-Camet, French Society of Parasitology
- ★ Saovanee Leelayoova, The Parasitology and Tropical Medicine Assoc of Thailand
- ★ Simon Brooker, Royal Society of Tropical Medicine and Hygiene

The gala dinner was vibrant with Mariachi music, disco dancing and good Tequila. Attendees comprised renowned scientists and future generations of parasitologists

**Accompanying persons** enjoyed the visit to the Teotihuacan pyramids and a turibus trip to downtown Mexico City, while scientists escaped to visit the worldwide known Museum of Anthropology located at walking distance from the Hotel Camino Real

**Closing ceremony:** the new venue for ICOPA was announced. ICOPA XIV will be held in Daegu, South Korea, in 2018. Also the new President of the World Federation of Parasitology was announced: Jørgen Kurtzhals from Copenhagen.

**Our logo:** Ancient parasites, old hosts, new knowledge ... speaks for itself

**ICOPA XIII web page:** [www.icopa2014.org](http://www.icopa2014.org)

**Web pages and blogs with information on ICOPA 2014:**

<http://www.thiswormyworld.org/news-blogs/news/13th-icopa-in-mexico-city>

<http://www.blastocystis.net/2014/08/this-month-in-blastocystis-research-aug.html?sref=fb>

<http://blogs.plos.org/speakingofmedicine/2014/08/26/venezuela-emerging-tropical-disease-humanitarian-emergency/>

<http://journalmex.wordpress.com/2014/08/11/ante-las-enfermedades-parasitarias-las-sociedades-del-mundo-no-deben-bajar-la-guardia/>

<http://www.paho.org/blogs/par/tematico/?p=414>

[http://www.facmed.unam.mx/publicaciones/gaceta/sep252k14/g\\_sep252k14.pdf](http://www.facmed.unam.mx/publicaciones/gaceta/sep252k14/g_sep252k14.pdf)

We received many congratulation messages for the organization of a successful and academically impressive program. The most outstanding is the following:



## EUROPEAN FEDERATION OF PARASITOLOGISTS - EFP -

**To Prof Ana FLISSER**  
President of ICOPA 2014.  
Mexico

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Belgium

Web pages :  
<http://europfedpar.monsite-orange.fr>

EU transparency register :  
ID: 68170229123-35

Paris, the 26th of August 2014

Dear Ana

In the name of the European Federation of Parasitologists, I must congratulate you and all the organizing team (particularly Guadalupe Ortega-Pierres) for the excellent organization of ICOPA in Mexico. The venue was perfect, the scientific program and speakers excellent and, most important, all participants were happy, smiling, comfortable... A lot of young scientists from South America attended the conference and showed their dynamism and interest in Parasitology.

That is good for the future!

The atmosphere was unique (a family meeting) and largely superior to the ICOPAs organized so far. In my opinion, it was the best ICOPA ever organized!

After having organized such a big event and after submitting 2 or 3 bids, you may feel now a bit tired... Anyhow, most participants will keep vivid memories of such an exceptional event...

Once again congratulations and many thanks

Kind regards

Jean

**Pr Jean DUPOUY-CAMET** MD, PhD, DTM&H (Paris)  
Head Parasitology Dpt (Hôpital Cochin, Paris)  
President of the European Federation of Parasitologists



What follows, is the announcement of one of the 4 courses, which included lab work



**13 th INTERNATIONAL CONGRESS OF PARASITOLOGY – FLAP XXII**  
**AUGUST 7-10, 2014. CINVESTAV-IPN - MEXICO CITY**

## PRE CONGRESS COURSE **MOLECULAR PARASITOLOGY WORKSHOP**

Hands-on course directly with  
renowned researchers!

*Michael Grigg* Ph.D. - USA  
*Manu Vanaerschot* Ph.D. - Belgium  
*Rune Stensvold* Ph.D. - Denmark  
*Bianca Zingales* Ph.D. - Brazil  
*Hideo Imamura* Ph.D. - Belgium  
*Staffan Svärd* PhD - Sweden  
*Antonio Marcilla* Ph.D. - Spain  
*Maria Dolores Correa* Ph.D. - México  
*Martha Ponce Macotela* Ph.D. - México  
*Juan David Ramirez* Ph.D. - Colombia  
*Rebeca Manning Cela* Ph.D. - México  
*Fidel de la Cruz Hernandez* Ph.D. - México

**Directed to**  
Pre and graduate students

**Application: Send applicant CV,**  
**two letters of presentation and**  
**one motivation letter before may**  
**15<sup>th</sup> to:**  
[icopa.mpw2014@gmail.com](mailto:icopa.mpw2014@gmail.com)

**Each student should have a**  
**laptop amenable for internet**  
**connection**

**Cost:**  
490 USD including course fee and  
accommodation with lunch and  
breakfast during the course.

**Further information:**  
[juand.ramirez@urosario.edu.co](mailto:juand.ramirez@urosario.edu.co)  
[cruzmpw2014@gmail.com](mailto:cruzmpw2014@gmail.com)



# México

The Board of the Mexican Society of Parasitology and the Local Committee are seen in the last picture: from left to right: Raul Bobes, Guadalupe Ortega, Manuel Gutierrez, Yolanda Garcia, Aurora Candil, Patricia Talamas, Ana Flisser, Fidel Hernandez, Barbara Moguel, Fernando Anaya, Dolores Correa and Pablo Martinez



We thank all participants and sponsors. We hope this report reflects all our wonderful experiences at ICOPA XIII held at Hotel Camino Real Mexico DF August 10-15, 2014