

Extended Program – LA SOVE 2022



Welcome



Venue



**Activity Schedule
& Program**



La Plata city



Services



Sponsors

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Welcome

Dear participants of the **II Latin American Society for Vector Ecology Congress (LA SOVE 2022)**, it is with great pleasure and expectation that we welcome you to this event, which brings us together after an unprecedented global health crisis.

On behalf of the Organising Committee of which I am Chair, I express our sincere gratitude for joining us and making this Congress a true gathering of professionals from all over Latin America and from other parts of the world. We are more than 250 participants from 17 countries, of which more than 70% are here in person!

When we took on the responsibility of organising LA SOVE 2022, one of our first objectives was to achieve true Latin American (LA) representation. Thanks to the commitment and effort of the scientific committee members and speakers (almost 50% from other LA countries), and participants in general (almost 40% from other countries), we are proud to say that this goal was amply achieved!

From the beginning we also worked for this meeting to embody the vision of the Latin American Society for Vector Ecology (LA SOVE): to promote a close liaison between the different parties that are involved in the neglected diseases scene to achieve their reduction and sustainable vector control management in LA - academia, healthcare professionals and policy makers -. For this reason, the LA SOVE 2022 scientific program encompasses very diverse perspectives and stimulates debate and discussion. It is a program that covers topics of particular relevance for LA, including diseases in humans, animals and plants, which especially affect the health of our LA people and the economy of our countries.

Likewise, we incorporated a gender vision committed to equality, and we are very proud to say that we have exceeded our initial goal by far, since the participation of women surpasses 50% in all activities associated with the congress (scientific committee 53%, coordinators 57%, conference lecturers 80%, speakers 59%, participants 64%). This vision is also integrated in the scientific program, where two of the daily conferences (one of them the Opening Lecture) will address the gender perspective in the neglected diseases issue.

We have high expectations for LA SOVE 2022, a meeting designed to consolidate associations between LA health professionals, policy managers, technicians, scientists, and students. There is a great need for initiating dialogues conducive to forging collaborations and sharpening the focus for reducing the burden of these neglected diseases, and we are certain that during this congress collaboration initiatives will materialise among participants from all over LA.

We hope that LA SOVE 2022 surpasses the expectations of all those involved, in an integral way, and once again we thank you for joining us during this initial stage of LA SOVE. We invite you to continue contributing to this journey, helping us forge a project that will reduce the burden of vector-borne diseases and support sustainable vector control.

With my best wishes for now and the future,



Dr Christina B. McCarthy
LA SOVE 2022 Chair





Learn about our commitment to raise awareness about safeguarding the environment and nature!

LA SOVE 2022 contributes to a sustainable use of resources, maximising the use of some materials and replacing others with recycled, recyclable, reusable, compostable and/or plantable elements. This is why the congress bag is made of reusable, biodegradable cloth, and the objects inside it include:



Biodegradable



Compostable



Recyclable



Plantable

- A reusable thermal cup for using during the coffee breaks and anytime you want to have an infusion or drink;
- A compostable bag containing infusions for using during the congress;
- A pressboard paper pad holder with a metal paper clip;
- The Scientific Program printed on eco-sustainable pages (100% sugar cane fibre) to contribute to a reduction in the use of paper that entails the massive felling of trees;
- The ID tag and the Activity Schedule printed on handcrafted plantable paper* with cotton thread fasteners.

Likewise,

- The Abstract Book and certificates will be available digitally;
- You will be able to access the full program scanning a QR code;
- During coffee breaks we will provide wooden stirrers and containers for infusions, sweetener and sugar, as well as the thermal cup included in the congress bag.

TOMATE PLATENSE (*Solanum lycopersicum* L.)

* The handcrafted recycled seed paper contains tomato seeds from La Plata (*Solanum lycopersicum* L. "Platense" landrace). The "Platense" tomato landrace is adapted to the local soil and climate of the La Plata horticultural green belt and is one of its most traditional varieties. It is characterised by its hardness and notable organoleptic fruit properties (great flavour with sweet notes)



The traditional LA SOVE field trip was also designed to raise environmental awareness. For this reason on Sunday the 30th of October we will visit two environmentally recovered locations: the Avellaneda Eco Area, and the CEAMSE Environmental Complex (state company that treats the solid urban waste of great Buenos Aires) in Villa Domínico.



LA SOVE 2022
Organising Committee



Venue

Graduate and Convention Centre Sergio Karakachoff - National University of La Plata



The Sergio Karakachoff building is located at the heart of the commercial centre of La Plata city. It currently houses a Postgraduate campus with a total of 60 classrooms, available to all the faculties, an Art Centre, a cafeteria, and administrative offices.

With a total area of 2,776 square meters and a total simultaneous capacity of over 2,000 people, the Convention Centre includes an acoustic treatment in all the auditoriums and classrooms to guarantee high sound quality.

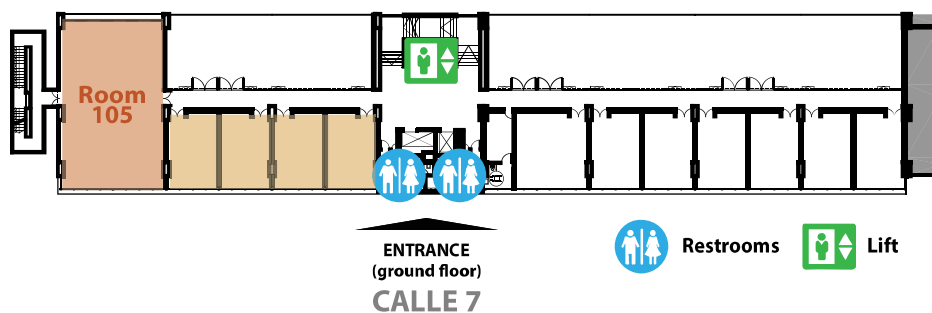


Also, rooms are equipped with closed audio and video systems. In addition, it offers both wired and wireless internet connection.

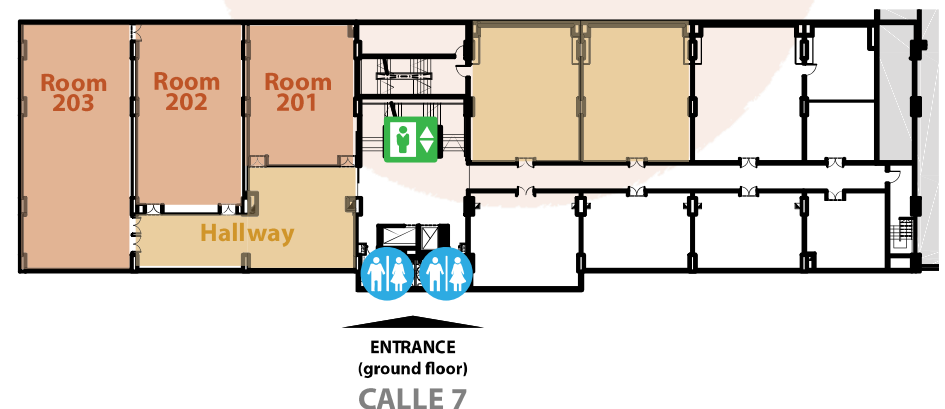
The building was declared of Municipal Interest by the local Council and, together with the Bicentennial Walkway, represents one of the most ambitious architectural interventions that have been developed in the city.



First Floor – Thursday 3rd November



Second Basement – Saturday 29th October to Wednesday 2nd



UNIVERSIDAD
NACIONAL
DE LA PLATA

Address: Av. 7 776, B1900 La Plata, Province of Buenos Aires



Activity Schedule

You can click on each activity to see the details

Time	Saturday 29 th	Sunday 30 th	Monday 31 st	Tuesday 1 st	Wednesday 2 nd	Thursday 3 rd
9:00-10.40 hs Symposium	Welcome LA SOVE Presentation OPENING CONFERENCE: Dr Carolina Carrillo	Field Trip	Genetically modified insects (Topic 11)	Leishmaniasis (Topic 3)	Rabies (Topic 7)	Vector resistance to pesticides (Topic 12)
10.40-11:10 hs	Coffee Break		Coffee Break			
11:10-12.50 hs Symposium	Hydatidosis (Topic 8)		Insect vectors of plant diseases (Topic 9)	Chagas (Topic 1)	Hantavirus (Topic 5)	Approaches for Vector Control (Topic 13)
12.50-14:10 hs	Lunchtime		Courtesy lunch	Lunchtime		
14:10-15.50 hs Symposium	Arthropod-borne diseases of veterinary importance (Topic 10)		Mosquito-borne Diseases I (Topic 2)	Mosquito-borne Diseases II (Topic 2)	Leptospirosis (Topic 6)	Discussion Panel (Topic 14)
15.50-16:20 hs	Coffee Break		Coffee Break			
TTs	Turbo Talks (16:20-17:20)		Turbo Talks (16:20-17:50)	Turbo Talks (16:20-17:50)	Turbo Talks (16:20-17:50)	Turbo Talks (16:20-17:50)
17:50-18:00 hs	Tick-borne Diseases (Topic 4)		10' Break			
18:00-18:50 hs Conference	17:20-19:00		Conference Dr Patricia Pietrantonio	Conference Dr Andrea Gloria-Soria	Conference Dr Mariana Sanmartino	Conference Dr Fernando Gabriel Noriega
	Welcome Reception: Cocktail and Concert by the UNLP String Quartet 19:15-21:00 hs			LA SOVE General Assembly 19:15-20:15 hs	Courtesy Happy Hour 19:00-19:30 hs	

 **Download Abstract Book** 

VIRTUAL ROOM (ONLY Simultaneous Activity)

Time	Saturday 29 th	Sunday 30 th	Monday 31 st	Tuesday 1 st	Wednesday 2 nd	Thursday 3 rd
11:15-12:30 hs			Virtual TT - 1	Virtual TT - 2	Virtual TT - 3	



“Chagas: A comprehensive look for an effective approach”

Dr. Carolina Carrillo

ICT Milstein, CONICET – Fundación Cassará | Grupo ¿De qué hablamos cuando hablamos de Chagas?

Dr Carolina Carrillo obtained her B.A. degree in Biological Sciences at the University of Mar del Plata (UNMdP, Buenos Aires, Argentina), and her Ph.D. at the University of Buenos Aires (UBA) working in Chemical Sciences. She has a Diploma in Scientific, Medical and Environmental Communication from the Pompeu Fabra University (Barcelo, Spain).

Dr Carrillo is a Principal Researcher at the National Council of Science & Technology Research (CONICET), leading a Research + Innovation Group in Chagas disease and other pathogens, at the Institute of Sciences and Technology Dr Milstein - CONICET in Buenos Aires, Argentina. Her research is focused on the discovery of new therapeutic targets and drugs in Chagas disease and other tropical pathogens, and the technological development for new molecular diagnosis for Point of Care conditions.

Dr Carrillo is also a Counselor at the National Economic and Social Council from Argentina, and a member of the group “What are we talking about when we talk about Chagas?”, an interdisciplinary group that develops and promotes an approach to the problem of Chagas that seeks to increase the visibility of both its social impact and complexity.



Symposium/ Simposio 11:10 – 12:50 hs	Hydatidosis / Cystic Echinococcosis
Coordinators / Coordinadores: Dr. César Gavidia Chucán (Peru) Dr. Edmundo Larrieu (Argentina)	Title / Título: Symposium of Echinococcosis: Current Situation in South America
Speakers / Panelistas	Marco Antonio Natal Vigilato (Coordinator – Zoonoses Area, Pan American Center for Foot and Mouth Disease and Veterinary Public Health Department of Communicable Diseases and Environmental Determinants of Health - Brasil) Title / Título: Cystic echinococcosis in South America: the commitment of the countries in developing a Regional Program
	Katherina Vizcaychipi (INEI- ANLIS «Dr. Carlos G. Malbran» - Argentina) Title / Título: Status of neotropical echinococcosis, emerging zoonotic disease
	María Isabel Jercic Lara (Jefe de la Sección Parasitología, Instituto de Salud Pública de Chile - Chile) Title: Advances in the diagnosis of Cystic Echinococcosis
	Guillermo Mujica (Supervisor URESA Andina, Ministerio de Salud de Río Negro - Argentina) Title: The adaptability of control programs for Cystic Echinococcosis according to different geographic areas and population dynamics



Symposium / Simposio 14:10 – 15:50 hs	Arthropod-borne diseases of veterinary importance
Coordinator / Coordinador: Dr. Santiago Nava (Argentina)	Title / Título: Arthropod parasites and arthropod vector-borne diseases with veterinary importance
Speakers / Panelistas	Gabriel Cicuttin (Instituto de Zoonosis Luis Pasteur, CABA - Argentina) Title / Título: Epidemiology and diagnosis of ehrlichiosis and bartonellosis in companion animals
	Daniela Lamattina (Instituto Nacional de Medicina Tropical (INMeT), Ministerio de Salud de la Nación, Puerto Iguazú - Argentina) Title / Título: Epidemiological aspects of canine visceral leishmaniasis in an endemic area of Argentina
	José M. Venzal (Laboratorio de Vectores y Enfermedades Transmitidas, Facultad de Veterinaria, CENUR Litoral Norte-Salto, Universidad de la República, Salto - Uruguay) Title / Título: Canine piroplasmosis: vectors, epidemiology and diagnosis
	José Reck (Instituto de Pesquisas Veterinárias Desidério Finamor (IPVDF), Eldorado do Sul, Rio Grande do Sul - Brazil) Title / Título: Resistance to antiparasitic drugs of arthropod ectoparasites in Latin American
	Jorgelina Torrents (Facultad de Ciencias Veterinarias, Universidad Nacional del Litoral, Esperanza, Santa Fe - Argentina) Title / Título: Current status of tick resistance to synthetic chemical acaricides in Argentina



In person Turbo talks / Turbo talks presenciales 16:20-17:20 hs

Chair / Coordinador: **Dra. Ima Braga** (Brazil)

Code	4. Tick-borne diseases
04-02-001	DI NUCCI, Dante; et al. First report of <i>Haemaphysalis juxtakochi</i> ticks in marsh deer (<i>Blastocerus dichotomus</i>) from Argentina - <u>Presenter</u> : GUILLEMI, Eliana C.
04-03-002	DE SALVO, María N; et al. Ehrlichiosis and anaplasmosis in dogs from Metropolitan Area of Buenos Aires. 2012-2021 - <u>Presenter</u> : DE SALVO, María N
04-03-003	DI CATALDO, Sophia; et al. Distribution, transmission, and risk factors of infection with canine vector-borne pathogens in wild foxes and free-ranging dogs in Chile - <u>Presenter</u> : DI CATALDO, Sophia
04-03-004	SALVIONI, Oscar D; et al. First molecular report of <i>Candidatus Rickettsia andeanae</i> in wild and domestic host from Paraguay - <u>Presenter</u> : SALVIONI, Oscar D
04-03-005	SOBA, Marina G; et al. Ticks in periurban areas from the municipalities of La Costa and General Lavalle. A preliminary study - <u>Presenter</u> : SOBA, Marina G
04-04-006	ALEM, Iris S; et al. Survey of ixodid ticks, vectors of <i>Rickettsia parkeri</i>, Buenos Aires province, Argentina - <u>Presenter</u> : ALEM, Iris S.
Code	10. Arthropod-borne diseases of veterinary importance
10-02-001	AYALA, Mahia M; et al. Detection by PCR of <i>Culicoides insignis</i> Lutz (Diptera: Ceratopogonidae), the main vector of bluetongue virus (BTV) in the Neotropical region - <u>Presenter</u> : AYALA, Mahia M.
10-02-002	BARROSO J F D S; et al. Preference of substrate for oviposition of <i>Mansonia</i> Blanchard (Culicidae, Mansoniini) from Porto Velho, State of Rondônia, Brazil - <u>Presenter</u> : SARAIVA J F.
10-02-003	BUTTI Marcos J; et al. Zoonotic dirofilariosis in a riparian population of the Río de La Plata - <u>Presenter</u> : BUTTI Marcos J.
10-02-004	CASTRO, Elaine MS; et al. Molecular detection of <i>Bartonella</i> in lice (Phthiraptera: Anoplura) of <i>Rattus rattus</i> from Chile - <u>Presenter</u> : CASTRO, Elaine MS.



Symposium / Simposio 17:20 – 19:00 hs	Tick-borne Diseases (<i>Rickettsia</i> , <i>Ehrlichia</i> , <i>Borrelia</i>)
<u>Coordinators / Coordinador/a:</u> Dra. Marcela Lareschi (Argentina) Dr. José M. Venzal (Uruguay)	Title / Título: Tick-borne diseases (<i>Rickettsia</i>, <i>Ehrlichia</i>, <i>Borrelia</i>)
Speakers / Panelistas	Dra. Dr. Rita Inés Armitano (Special Bacteriology Service, Department of Bacteriology. INEI-ANLIS «Carlos G. Malbrán» - Argentina) Title / Título: <i>Lyme disease in Latin America: a focus on its diagnosis</i>
	Dr. José M. Venzal (Laboratory of Vectors and Transmitted Diseases, Department of Biological Sciences, CENUR North Coast, University of the Republic, Salto - Uruguay) Title / Título: <i>Possible vectors of <u>Borrelia burgdorferi</u>, <u>Ehrlichia</u> and <u>Anaplasma</u> to humans in Latin America</i>
	Dra. Evelina Tarragona (Parasitology and Immunology Laboratory, Dairy Chain Research Institute (IDICAL) – INTA – CONICET), Rafaela, Santa Fe - Argentina) Title: <i><u>Rickettsia rickettsia</u> spotted fever vectors</i>
	Dr. Sebastián Muñoz Leal (Department of Animal Science, Faculty of Veterinary Sciences, University of Concepción, Chillán – Ñuble Region - Chile) Title / Título: <i>What about relapsing fevers in Latin America?</i>



Symposium / Simposio 9:00 – 10:40 hs	Regulation of Genetically Modified Insects
<i>Coordinator / Coordinadora:</i> Lic. Marina Mühl (Argentina)	<i>Title / Título:</i> Four realities: Latin American regulations applied to genetically modified (GM) insects used in agricultural and livestock context
Speakers / Panelistas	Lic. Paulina Boari (Ministerio de Agricultura, Ganadería y Pesca - Argentina) <i>Title / Título:</i> Argentine Regulation applicable to insects obtained by Modern Biotechnology for use in agriculture, livestock and poultry
	Dra. Maria Lucia Zaidan Dagli (Universidade de São Paulo, Faculdade de Medicina Veterinária e Zootecnia, Departamento de Patologia - Brazil) <i>Title / Título:</i> Biosafety of genetically modified animals in Brazil: role of CTNBio, and its regulations
	M Sc. Marvis Esther Suárez Romero (Departamento de Biodiversidad y Bioseguridad, Oficina de Regulación y Seguridad Ambiental - Cuba) <i>Title / Título:</i> Application of Biological Safety Authorization System in Cuba to work with genetically modified animals (GMAs)
	M Sc. Marco Antonio Cervantes García (Jefe del Departamento de Regulación de Nuevas Tecnologías del Servicio Nacional de Sanidad, Inocuidad y Calidad Agroalimentaria (SENASICA) - México) Biol. Aldo Bernal Rojas (Responsable 5 del Instituto Interamericano de Cooperación para la Agricultura, IICA/SENASICA - México) <i>Title / Título:</i> Regulation of Genetically Modified Organisms in Mexico



Symposium / Simposio 11:10 – 12:50 hs	Insect vectors of plant diseases
Coordinator / Coordinador: Ing. Agr. Pablo Cortese (Argentina)	Title / Título: Phytosanitary surveillance of plant pest vectors
Speakers / Panelistas	Ing. Agr. Yanina S. Outi (Coordinación de Análisis de Riesgo y Vigilancia, Dirección de Información Estratégica Fitosanitaria, Servicio Nacional de Sanidad y Calidad Agroalimentaria SENASA - Argentina) Title / Título: Plant protection: vector surveillance and vector analysis for the early detection of diseases
	Ing. Agr. M.Sc. Mónica Roca (SENASA - Universidad Nacional de La Rioja; Argentina) Dra. Bárbara Defea (Centro de Estudios Parasitológicos y de Vectores, UNLP-CONICET - Argentina) Title / Título: <i>Xylella fastidiosa</i> in olive crops from Argentina: Epidemiology and potential vectors
	Ing. Agr. Wilda Ramírez (Directora Dirección De Sanidad Vegetal (DSV), Servicio Nacional de Sanidad y Calidad Agroalimentaria, SENASA - Argentina) Dra. Lucrecia Augier (Investigadora del departamento de Zoología Agrícola de la Estación Experimental Agropecuaria Obispo Colombres - Argentina) Title / Título: Citrus fruits endangered by HLB
	Ing. Agr. Pablo Cortese (Director de Información Fitosanitaria Estratégica; Servicio Nacional de Sanidad y Calidad Agroalimentaria; SENASA - Argentina) Title / Título: Phytosanitary intelligence applied to the potential distribution of plant pest vectors



Symposium / Simposio 14:10 – 15:50hs	Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya) I
Coordinators / Coordinadoras/es: Dra. Raquel M. Gleiser (Argentina) Dra. Ima Braga (Brasil) Dr. Paulo F. P. Pimenta (Brasil) Dr. Nicolás Schweigmann (Argentina)	Title / Título: Mosquitoes and eco-epidemiology
Speakers / Panelistas	Dra. Mariana Manteca Acosta (Centro Nacional de Diagnóstico e Investigación en Endemo-epidemias (CeNDIE) de la Administración Nacional de Laboratorios e Institutos de Salud (ANLIS) “Dr. Carlos G. Malbrán” - Argentina) Title / Título: <i>Eco-epidemiology of Yellow Fever in the Northeast of Argentina</i>
	Dra. Varsovia E. Cevallos (Instituto Nacional de Investigación en Salud Pública «Dr. Leopoldo Izquieta Pérez» INSPI-LIP; Quito - Ecuador) Title / Título: <i>Household risk factors for the abundance of <u>Aedes aegypti</u> in Ecuador</i>
	Dra. Nagila Secundino (FIOCRUZ – Minas Gerais - Brazil) Title / Título: <u>Aedes aegypti</u> as a competent vector for multiple complex arboviral coinfections
	Dra. Sylvia Fischer (Universidad de Buenos Aires - Argentina) Title / Título: <i>Is <u>Aedes aegypti</u> adapting to colder climates? Implications for future range expansion</i>



In person Turbo talks / Turbo talks presenciales 16:20-17:50 hs

Coordinator / Coordinador: Prof. Nilda E. Radman (Argentina)

Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-02-001	ARNALDO, Candela M; et al. <i>Effect of detritus decomposition time on <u>Aedes aegypti</u> oviposition site selection and immature developmental success</i> - <u>Presenter</u> : ARNALDO, Candela M
02-02-002	BRIVIDORO, Melina V; et al. <i>Assessment of arboviruses circulation in wild rodents and birds in the Upper Paraná Atlantic Forest</i> - <u>Presenter</u> : BRIVIDORO, Melina V
02-02-003	CANO, María E; et al. <i>New record of <u>Haemagogus janthinomys</u> (Diptera: Culicidae) in Chaco Province, Argentina, main vector of Yellow fever virus</i> - <u>Presenter</u> : CANO, María E
02-02-004	DE MAJO, María Sol; et al. <i>Diversity of <u>Aedes aegypti</u> breeding sites in a neighborhood of the Metropolitan Area of Buenos Aires</i> - <u>Presenter</u> : DE MAJO, María Sol
02-02-005	GONZALEZ, Lucía F; et al. <i>Oviposition activity of <u>Aedes aegypti</u> in a temperate city of Argentina and its implications on local transmission of dengue</i> - <u>Presenter</u> : GONZALEZ, Lucía F
02-02-006	IZQUIERDO-SUZÁN, Mónica; et al. <i>Diversity of mosquitoes (Diptera: Culicidae) and detection of arbovirus in a fragmented landscape of Morelos, Mexico</i> - <u>Presenter</u> : IZQUIERDO-SUZÁN, Mónica
02-02-007	LIZUAIN, Arturo A; et al. <i>Diversity, abundance, and presence of mosquito vectors of yellow fever in Northeast of Corrientes province</i> - <u>Presenter</u> : LIZUAIN, Arturo A
02-02-008	LIZUAIN, Arturo A; et al. <i>Possible biotic interactions that are affecting the presence of <u>Aedes albopictus</u> (Diptera: Culicidae) in Misiones, Argentina</i> - <u>Presenter</u> : LIZUAIN, Arturo A
Code	10. Arthropod-borne diseases of veterinary importance
10-02-005	CASTRO, Elaine MS; et al. <i>Analysis of the ectoparasite community in <u>Rattus rattus</u> from Chile</i> - <u>Presenter</u> : CASTRO, Elaine MS.
10-02-006	MELIS, Mauricio E; et al. <i>Detection of <u>Rickettsia</u> spp. in ectoparasites of cricetid rodents from Gran La Plata, Buenos Aires Province, Argentina</i> - <u>Presenter</u> : MELIS, Mauricio E.
10-02-007	SARAIVA J F; et al. <i>Monitoring of <u>Mansonia</u> (Diptera, Culicidae) using automatic Skeetervac SV3100 traps in Porto Velho, State of Rondônia, Brazil</i> - <u>Presenter</u> : SARAIVA J F.

It continues



10-03-008	PÉREZ, Agustina E; et al. Studies of the dynamics of <u>Anaplasma marginale</u> strains in the vector and the mammalian host through genotyping - <u>Presenter: PÉREZ, Agustina E.</u>
10-04-009	BARROSO, J F d S; et al. Susceptibility of <u>Mansonia Blanchard</u> (Culicidae, Mansoniini) to <u>Bacillus thuringiensis</u> var. <u>israelensis</u> and <u>Bacillus sphaericus</u> in Porto Velho, State of Rondônia, Brazil - <u>Presenter: GALARDO, A K R.</u>
10-04-010	LIMA, Vinicio R; et al. <u>Culicoides</u> (Diptera: Ceratopogonidae) in the state of Sao Paulo: morphological identification, DNA barcoding and molecular detection of pathogens - <u>Presenter: LIMA, Vinicio R.</u>
10-04-011	OLHAGARAY, Ernestina; et al. In-vitro tests for the biocontrol of <u>Rhipicephalus microplus</u> with entomopathogenic fungi in Uruguay - <u>Presenter: OLHAGARAY, Ernestina</u>
Code	9. Insect vectors of plant diseases
09-04-001	ANDRADA, Nicolás L; et al. Molting regulative neuropeptides in <u>Dalbulus maidis</u>, the corn leafhopper - <u>Presenter: ANDRADA, Nicolás L</u>



Virtual Turbo talks / Turbo Talks virtuales - 11:15-12:30 hs

Coordinator / Coordinador: Dr. Matías L Giglio (Argentina)

Code	1. Chagas
01-02-001	DULBECCO, AB; et al. Characterization of CYP4G Integument Genes in the Chagas Disease Vector, <i>Rhodnius prolixus</i> - <u>Presenter: DULBECCO, AB</u>
01-02-002	GIGENA, Gisel V; et al. Phenotypic variability in the wing dimorphic species <i>Triatoma quasayana</i> in traits related to flight dispersion - <u>Presenter: GIGENA, Gisel V</u>
01-02-003	MORICONI, DE; et al. Molecular and Functional Characterization of FASNs Genes in the Chagas disease vector, <i>Rhodnius prolixus</i> - <u>Presenter: MORICONI, DE</u>
01-02-004	VILLALOBOS SAMBUCARO, María José; et al. Basal regulation of dorsal vessel activity in <i>Rhodnius prolixus</i>: A probable myogenic rhythm regulated by peptidic signals - <u>Presenter: VILLALOBOS SAMBUCARO, María José</u>
01-04-005	REMÓN, Carolina; et al. Effects of resistance and sublethal doses of deltamethrin on mating behavior and reproductive efficiency in <i>Triatoma infestans</i> - <u>Presenter: REMÓN, Carolina</u>
01-04-006	SORIA, Nicolás F; et al. Chagas disease vector control: use of GIS and new technologies for surveillance and control in Cordoba, Argentina - <u>Presenter: SORIA, Nicolás F</u>
Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-02-009	CARDO, María V & VEZZANI, Darío. Searching for potential bridge vectors in the mosquito community of equestrian facilities - <u>Presenter: CARDO, María V</u>
02-02-010	GODOY, Raquel S M; et al. The larval midgut of <i>Anopheles</i>, <i>Aedes</i>, and <i>Toxorhynchites</i> mosquitoes (Diptera, Culicidae): a comparative approach in morpho-physiology and evolution - <u>Presenter: GODOY, Raquel S M</u>
02-02-011	KRAPP, Federico; et al. Determination of antibodies to Flavivirus in wild birds from Buenos Aires City - <u>Presenter: KRAPP, Federico</u>
02-02-012	MOTTA, Emily; et al. The impact of polarized light and physical-chemical water bodies parameters on the malaria mosquito oviposition site selection - <u>Presenter: MOTTA, Emily</u>
02-03-013	ALENCAR, Rodrigo M; et al. Digestion-related proteins in the malaria vector <i>Anopheles aquasalis</i> - <u>Presenter: ALENCAR, Rodrigo M</u>
02-03-014	CANCINO FAURE, Beatriz; et al. Study of emerging Flaviviruses transmitted by mosquitoes (Diptera) in a border area in northern Chile - <u>Presenter: CANCINO FAURE, Beatriz</u>



“Kdr mutations in mosquitoes *Culex quinquefasciatus* and *Aedes aegypti* from urban Houston and their influence on survival after Permanone® field bioassays”

Dr. Patricia V. Pietrantonio

Professor and Texas AgriLife Research Faculty Fellow | Department of Entomology, Texas A&M University College Station

Dr Patricia Pietrantonio was born in Buenos Aires and pursued her undergraduate education in the School of Agronomy in Argentina, University of Buenos Aires. After receiving fellowships at the National Institute of Agriculture and Cattle Technology (INTA) she was tenured, and later obtained a competitive Freedom from Hunger Rotary International Scholarship to pursue the Master of Science in Entomology at the University of California at Riverside, where she also obtained her Ph.D. in Entomology with emphasis in Toxicology-Physiology and molecular entomology. She is currently the President of the Acarological Society of America. Dr Pietrantonio is a Professor of Entomology at the College of Agriculture and Life Sciences at Texas A&M University and holds a joint appointment with Texas AgriLife Research since 1996. Her research focuses on vector endocrinology (mosquitoes and ticks) and insecticide resistance. She is currently on the Editorial Board of Insect Biochemistry and Molecular Biology and Archives of Insect Biochemistry and Physiology. She served as Associate Editor in Pest Management Science and as guest editor for PLoS Negl. Trop. Diseases.



Symposium / Simposio 9:00 – 10:40 hs	Leishmaniasis
<u>Coordinators / Coordinadoras:</u> Dra. Gabriela Quintana (Argentina) Dra. Anayansi Valderrama (Panama)	Title / Título: <i>New perspectives and approaches to surveillance and control of Phlebotomine sand flies</i>
Speakers / Panelistas	Dr. Ana Nilce Elkhoury (OPS/OMS - Brazil) Title / Título: <i>Current epidemiological situation and leishmaniasis surveillance and control actions</i>
	Dr. Anayansi Valderrama (DIEM - Instituto Gorgas - Panamá) Title / Título: <i>Diversity and infection by <u>Wolbachia</u> and <u>Leishmania</u> in sandfly (Diptera:Psychodidae) populations from different landscapes</i>
	Dr. Oscar Daniel Salomón (Instituto Nacional de Medicina Tropical, ANLIS - Argentina) Title / Título: <i>Integrated surveillance of leishmaniasis vectors in the Americas</i>
	Dr. Reginaldo Peçanha Brazil (FIOCRUZ - Brazil) Title / Título: <i>A new approach in the control of <u>Lutzomyia longipalpis</u> s.l. in Brazil</i>



Symposium / Simposio 11:10 – 12:50 hs	Chagas
Coordinators / Coordinadoras: Dra. Carla Cecere (Argentina) Dra. Antonieta Rojas de Arias (Paraguay)	Title / Título: Vector control and eco-epidemiology of Chagas's disease
Speakers / Panelistas	Dra. Nidia Acosta Garcete (Departamento de Medicina Tropical Instituto de Investigaciones en Ciencias de la Salud (IICS), Universidad Nacional de Asunción - Paraguay) Title / Título: Transmission dynamics of <i>Trypanosoma cruzi</i> discrete taxonomic units in Paraguayan Chaco communities. Natural hosts and vectors involved
	Dra. Marta Victoria Cardinal (Laboratory of Eco-Epidemiology; Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires; Instituto de Ecología, Genética y Evolución de Buenos Aires (IEGEBA); Consejo Nacional de Investigaciones Científicas y Técnicas - Universidad de Buenos Aires - Argentina) Title / Título: Control of <i>Triatoma infestans</i> in an area with pyrethroid resistant populations
	Dra. María Carlota Monroy (Laboratorio de Entomología Aplicada y Parasitología (LENAP); Universidad de San Carlos de Guatemala - Guatemala) Title / Título: Control of Chagas disease in Central America: The difference between domesticated and domicile species, the case of <i>Triatoma dimidiata</i>
	Lic. Diego Weinberg (Fundación Mundo Sano - Argentina) Title / Título: Control of the vector of Chagas disease in the rural context of the Argentine Chaco
	Lic. Miriam Cardozo (Instituto de Investigaciones Biológicas y Tecnológicas (IIBYT-CONICET); Cátedra de Introducción a la Biología; Facultad de Ciencias Exactas, Físicas y Naturales; Universidad Nacional de Córdoba - Argentina) Title / Título: Does environmental fragmentation affect the invasion of rural dwellings by triatomines?



Symposium / Simposio 14:10 - 15:50 hs	Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya) II
<u>Coordinators / Coordinadoras/es:</u> Dra. Raquel M. Gleiser (Argentina) Dra. Ima Braga (Brasil) Dr. Paulo F. P. Pimenta (Brasil) Dr. Nicolás Schweigmann (Argentina)	Title / Título: Mosquito control status and challenges
Speakers / Panelistas	Dra. Gabriela Willat (Ministerio de Salud Pública de Uruguay, Departamento de Zoonosis y Vectores - Uruguay) Title / Título: Surveillance and control of <i>Aedes aegypti</i> in Uruguay, achievements and challenges
	Dra. Glenda Velasquez Serra (Facultad de Ciencias Médicas, Universidad de Guayaquil - Ecuador) Title / Título: Control strategies for the <i>Aedes aegypti</i> vector in times of SARS-CoV-2
	Dr. José Bento Pereira Lima (Laboratório de Fisiologia e Controle de Artrópodos Vetores, IOC-Fiocruz - Brazil) Title / Título: Entomological surveillance – A challenge for vector control programs
	Dr. Hernán Solari (Instituto de Física de Buenos Aires (IFIBA) - Argentina) Title / Título: Controlling vectors: Do we need normal or post-normal science?



In person Turbo talks / Turbo talks presenciales 16:20-17:50 hs

Coordinator / Coordinador: **Dra. María Victoria Micieli** (Argentina)

Code	3. Leishmaniasis
03-02-001	ARDILA, Marlon M; et al. Sandfly's (Diptera: Psychodidae: Phlebotominae: Lutzomyia) taxonomic diversity in a leishmaniasis endemic zone in northern Colombia - <u>Presenter:</u> ARDILA, Marlon M
03-02-002	BELTRÁN, Miguel A; et al. Life tables of <i>Lutzomyia longiflocosa</i> under semi-field conditions - <u>Presenter:</u> BELTRÁN, Miguel A
03-02-003	CABRERA, Andrés M; et al. Genetic variability highlights the invasion route of the <i>Lutzomyia longipalpis</i>, the main vector responsible of Visceral Leishmaniasis vector in Uruguay - <u>Presenter:</u> CABRERA, Andrés M
03-02-004	GONZÁLEZ, Telma L; et al. Diversity and geographic distribution of subfamily Phlebotominae in Uruguay - <u>Presenter:</u> GONZÁLEZ, Telma L
Code	1. Chagas
01-02-007	AMEIJEIRAS, Pilar; et al. eIF3 subunit m regulates blood meal digestion in <i>Rhodnius prolixus</i> affecting ecdysis, reproduction and survival - <u>Presenter:</u> AMEIJERAS, Pilar
01-02-008	BARBOZA, Emilia S; et al. Vertebrates as a food source for triatomines (Hemiptera: Reduviidae) vectors of <i>Trypanosoma cruzi</i>, in Argentina - <u>Presenter:</u> BARBOZA, Emilia S
01-02-009	FERNÁNDEZ, Nahuel; et al. Sublethal effects of a deltamethrin on feeding and defecation patterns of <i>Triatoma infestans</i> - <u>Presenter:</u> FERNÁNDEZ, Nahuel
01-02-010	FRUTTERO, Leonardo L; et al. The in vivo treatment with the plant urease "Jack Bean Urease" impaired reproduction in females of <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae) - <u>Presenter:</u> FRUTTERO, Leonardo L
01-02-011	HERNÁNDEZ, María L; et al. How is the phenotype of antennae, wings, and heads modified in <i>Triatoma infestans</i> resistant to deltamethrin? - <u>Presenter:</u> HERNÁNDEZ, María L
01-02-012	LATORRE ESTIVALIS, Jose M; et al. Characterization of the sensory gene repertoire of <i>Triatoma infestans</i> and the effect of blood ingestion on its antennal expression - <u>Presenter:</u> LATORRE ESTIVALIS, Jose M

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Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-02-015	LUIS, Damaris A; et al. <i>Host-feeding preference populations of culicidae domiciliary metropolitan area of Monterrey in Nuevo León</i> - <u>Presenter</u> : VILLEGAS, Heriberto M
02-02-016	MAIA, Pollyana C R; et al. <i><u>Aedes aegypti</u> (Diptera: Culicidae) frequency in the state of Sergipe, Northeast Brazil</i> - <u>Presenter</u> : MAIA, Pollyana C R
02-02-017	MANGUDO, Carolina; et al. <i>Survey of Culicidae from irrigation channels and draining ditches in Salta city, Argentina</i> - <u>Presenter</u> : GLEISER, Raquel M
02-02-018	MONTINI, Pedro & FISCHER, Sylvia. <i>Oviposition site choice and subsequent offspring fitness of <u>Aedes aegypti</u> mosquito in short- and long-term detritus accumulation treatments</i> - <u>Presenter</u> : MONTINI, Pedro
02-04-019	BRAGA, Ima Aparecida & LIMA, José Bento Pereira. <i>Evaluation of the effectiveness of In2care traps for the monitoring and control of <u>Aedes aegypti</u> in Brazil</i> - <u>Presenter</u> : BRAGA, Ima Aparecida



Virtual Turbo talks / Turbo Talks virtuales - 11:15-12:30 hs

Coordinator / Coordinador: Dr. Matías L Giglio (Argentina)

Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-03-020	COSTA, Breno A; et al. The role of JNK, Fos and Puc immunity genes of <i>Anopheles aquasalis</i> during <i>Plasmodium yoelii</i> infection - <u>Presenter</u> : COSTA, Breno A
02-03-021	DELGADO, Jessica LF; et al. Evaluation of the effect of apoptosis on vector competence of mosquitoes infected with Zika Virus - <u>Presenter</u> : DELGADO, Jessica LF
02-03-022	FELIX, Luiza S; et al. Cellular and molecular aspects of the interaction between dengue and Zika virus with the mosquito vector - <u>Presenter</u> : FELIX, Luiza S
02-03-023	GOMEZ, Erika; et al. Evaluation of <i>Plasmodium vivax</i> from treated patients able to infect <i>Anopheles aquasalis</i> and <i>Anopheles darlingi</i>: Effect of different drugs treatments - <u>Presenter</u> : GOMEZ, Erika
02-03-024	OLIVEIRA, Cinthia C A; et al. Susceptibility of <i>Aedes aegypti</i> mosquitoes to infection by different lineages of ZIKV - <u>Presenter</u> : OLIVEIRA, Cinthia C A
02-03-025	SILVA, LM; et al. Evaluation of the influence of anti-SARS-CoV-2 antibodies on the vaccine response in <i>Aedes aegypti</i> infection with arbovirus (DENV, ZIKV, CHIKV) - <u>Presenter</u> : SILVA, LM
Code	5. Hantavirus
05-02-001	DA COSTA, Ana Beatriz F; et al. Identification of possible reservoirs of <i>Mammarenavirus</i> in the Cerrado biome of Minas Gerais, Brazil - <u>Presenter</u> : DA COSTA, Ana Beatriz F
05-02-002	GALVÃO, Patrícia D; et al. Wenzhou (Arenaviridae: <i>Mammarenavirus</i>) Detection in Synanthropic Rodents in the State of Bahia, Brazil - <u>Presenter</u> : GALVÃO, Patrícia D
05-02-003	GOROSITO, Irene L; et al. Hantavirus in rodents of Buenos Aires Province: are seroprevalence and abundance related? - <u>Presenter</u> : GOROSITO, Irene L
05-02-004	MARTIN María L; et al. First evidence of circulation of the Alto Paraguay orthohantavirus genotype in Argentina: human case and reservoir rodent - <u>Presenter</u> : MARTIN María L.
Code	6. Leptospirosis
06-03-001	MARIÑO, Betina; et al. Leptospirosis in Aguará Guazú (<i>Chrysocyon brachyurus</i>), an epidemiological challenge - <u>Presenter</u> : MARIÑO, Betina.
Code	13. Other
13-00-001	GIGLIO, Matías L; et al. Wikimedia: a toolbox for the democratization of the scientific knowledge associated with vector ecology. A view from the Global South - <u>Presenter</u> : GIGLIO, Matías L.



“Tracking down invasions of the yellow fever mosquito, *Aedes aegypti*, using molecular markers”

Dra. Andrea Gloria-Soria

Center for Vector Biology & Zoonotic Diseases | The Connecticut Agricultural Experiment Station -USA

Dr Andrea Gloria-Soria studied Biology at the Autonomous National University of Mexico (UNAM). She obtained her PhD in Molecular Biology from the University of Houston. As a postdoctoral scientist she first worked on the allorecognition system of *Hydractinia symbiolongicarpus* and then moved to the study of population genetics of *Aedes aegypti*, transitioning to Associate Research Scientist. She joined the Connecticut Agricultural Experiment Station as an Assistant Agricultural Scientist.

Dr Gloria-Soria studies the genetic composition of mosquito vectors populations and associated pathogens. Her work has focused on the yellow fever mosquito *Aedes aegypti*. She uses patterns of genetic differentiation to investigate the population dynamics and evolutionary history of *Ae. aegypti* at a global and local scale. Dr Gloria-Soria has contributed to the development of genetic tools for studying patterns of genetic diversity in *Ae. aegypti*. More recently Gloria-Soria began some population genetics work with local populations of the Asian Tiger mosquito, *Aedes albopictus* and *Culex pipiens* to understand their invasive history and population structure and identify genetic determinants of host choice.



Symposium / Simposio 9:00 – 10:40 hs	Rabies
Coordinators / Coordinador/a: Dra. Nidia Aréchiga-Ceballos (Mexico) Dr. Daniel Cisterna (Argentina)	Title / Título: <i>Dead the dog, is the Rabies gone?</i>
Speakers / Panelistas	Julio Benavides (Unidad MIVEGEC, Institut de Recherche pour le Developpement - France) Title / Título: <i>Emerging challenges for the control of rabies in wildlife of Latin America</i>
	Paola Puebla Rodríguez (Laboratorio de Rabia, Departamento de Virología, Instituto de Diagnóstico y Referencia Epidemiológicos. Secretaría de Salud - México) Title / Título: <i>Characterization of two rabies virus variants in white-nosed coatis (<u>Nasua narica</u>) from Yucatan and Quintana Roo (2007-2020): Are coatis emergent reservoirs of rabies virus in Mexico?</i>
	Camila M. Appolinário (Departamento de Produção Animal e Medicina Veterinaria Preventiva da Faculdade de Medicina Veterinaria e Zootecnia da UNESP de Botucatu - Brazil) Title / Título: <i>The new face of Rabies in Brazil</i>
	Diego Caraballo (Phylogeny and Phylogeography Research Group, IEGEBA-UBA-CONICET, Universidad de Buenos Aires - Argentina) Title / Título: <i>Rabies virus variants maintained by dogs and foxes in South America</i>



Symposium / Simposio 11:10 – 12:50 hs	Viral Haemorrhagic Fevers (Hantavirus)
<u>Coordinators / Coordinador/a:</u> Dra. Isabel Gómez Villafañe (Argentina) Dr. Fernando Torres-Pérez (Chile)	Title / Título: <i>Ecoepidemiology of hantavirus circulation in Latin America</i>
Speakers / Panelistas	Blas Armien (Instituto Conmemorativo Gorgas Estudios de la Salud - Panama) Title / Título: <i>Ecoepidemiology of hantavirus disease in Panama</i>
	Renata Carvalho de Oliveira Pires dos Santos (Laboratório de Hantavírus e Rickettsioses, Fundação Oswaldo Cruz – FIOCRUZ- IOC - Brazil) Title / Título: <i>Hantavirus in Brazil: an overview</i>
	Isabel E. Gómez Villafañe (Laboratorio de Ecología de Poblaciones, IEGEBA (UBA-Conicet), Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires - Argentina) Title / Título: <i>Orthohantavirus variants and hosts in Argentina</i>
	Cecilia Vial (Universidad del Desarrollo - Chile) Title / Título: <i>Host response to hantavirus infection, an OMIC approach</i>



Symposium / Simposio 14:10 – 15:50hs	Leptospirosis
<u>Coordinators / Coordinadoras:</u> Dra. Verónica Barragán (Ecuador) Dra. Andrea Previtali (Argentina)	Title / Título: <i>Dangerous mimicry: leptospirosis and vector-borne febrile diseases in Latin America</i>
Speakers / Panelistas	Veronica Barragán (Universidad San Francisco de Quito, Quito - Ecuador) Title / Título: <i>The unexpected epidemiology of leptospirosis in rural Ecuador</i>
	Piedad Agudelo-Flórez (Universidad CES, Medellín - Colombia) Title / Título: <i>Leptospirosis in northwestern Colombia seen from the human-animal interface: New species and new actors</i>
	Andrea Previtali (Universidad Nacional del Litoral, Santa Fe - Argentina) Title / Título: <i>Study of the co-occurrence of leptospirosis and dengue in neighborhoods of Santa Fe, Argentina: a participatory action research work</i>
	Federico Costa (Universidade Federal da Bahia – Department: Instituto de Saúde Coletiva (ISC); Salvador - Brazil) Title / Título: <i>Epidemiology of urban leptospirosis</i>



In person Turbo talks / Turbo talks presenciales 16:20-17:50 hs

Coordinator / Coordinador: **Dr Marcelo G. Lorenzo** (Brazil)

Code	6. Leptospirosis
06-02-002	MELO, Darío S; et al. Detection of <i>Leptospira</i> excretion in Galapagos sea lions (<i>Zalophus wollebaeki</i>) using real-time PCR with TaqMan probe - <u>Presenter:</u> MELO, Darío S.
06-02-003	MOSQUERA, Pamela M; et al. A look at leptospirosis in a rural area of Ecuador - <u>Presenter:</u> MOSQUERA, Pamela M.
Code	1. Chagas
01-02-013	MOYETTA, Natalia R; et al. Involvement of lipophorin in the immune response of <i>Rhodnius prolixus</i> (Hemiptera: Reduviidae): challenge with the plant-derived entomotoxin jaburetox - <u>Presenter:</u> FRUTTERO, Leonardo L
01-02-014	SANCHEZ CASACCIA, Paz; et al. Use of colorimetric analysis to study the origin of reinfestant <i>T. infestans</i> in a rural community of the Paraguayan Chaco - <u>Presenter:</u> SANCHEZ CASACCIA, Paz
01-02-015	VILLALOBOS SAMBUCARO, María José; et al. Calcium signalling on the basal activity of dorsal vessel in <i>Rhodnius prolixus</i>: an approach to the regulatory pathways in unfed insects - <u>Presenter:</u> VILLALOBOS SAMBUCARO, María José
01-02-016	VOLONTÉ, Mariano; et al. Chemosensory proteins in <i>Triatoma infestans</i>: gene annotation and comparative analysis across hemipterans - <u>Presenter:</u> VOLONTÉ, Mariano
01-03-017	LOBBIA, Patricia; et al. Can infection with <i>Trypanosoma cruzi</i> modify the toxicological response of <i>Triatoma infestans</i> susceptible and resistant to deltamethrin? - <u>Presenter:</u> LOBBIA, Patricia
01-03-018	LOPEZ, Carolina P; et al. Presence of diverse discrete typing units of <i>Trypanosoma cruzi</i>, in Argentina - <u>Presenter:</u> LOPEZ, Carolina P
Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-02-026	MOTA, Luana S; et al. Larvicidal activity of plants of the Brazilian flora as an alternative measure to control <i>Aedes aegypti</i> - <u>Presenter:</u> MOTA, Luana S
02-02-027	MUTTIS, Evangelina; et al. Mosquito fauna from the Urutaú Natural Reserve in Misiones, Argentina, with discussion about their potential as vectors of important pathogens - <u>Presenter:</u> MUTTIS, Evangelina
02-02-028	RODRIGUEZ, Santiago T; et al. Spatiotemporal dynamics of dengue emergence in the city of Reconquista (Santa Fe, Argentina) and its relationship with meteorological and social variables - <u>Presenter:</u> RODRIGUEZ, Santiago T

It continues



02-02-029	SANTOS, Iracema B; et al. Mosquitoes (Diptera: Culicidae) in the Zoo, Aracaju Sergipe, Brazil - <u>Presenter</u> : MAIA, Pollyana C R
02-02-030	SICHES Julieta A; et al. An exploratory research of morphological patterns of <i>Aedes albopictus</i> (Diptera: Culicidae) in Misiones, Argentina - <u>Presenter</u> : SICHES Julieta A
02-03-031	GUIMARAES, Lilian O; et al. Viral metagenomic analysis of mosquitoes <i>Culex (Cux.) chidesteri</i> collected in the Sao Paulo Zoo Foundation - <u>Presenter</u> : GUIMARAES, Lilian O
02-03-032	KLIGER, Marlene & CARBAJO, Aníbal E. A review on the mosquito vectors of Flavivirus in Argentina - <u>Presenter</u> : KLIGER, Marlene
02-03-033	SOUZA, Igor B; et al. Characterization and classification of autophagy-related genes in the <i>Anopheles aquasalis</i> genome - <u>Presenter</u> : SOUZA, Igor B



Virtual Turbo talks / Turbo Talks virtuales - 11:15-12:30 hs

Coordinator / Coordinador: Dr. Matías L Giglio (Argentina)

Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-03-034	SILVA, LM; et al. <i>Seroprevalence of Dengue, Zika and Chikungunya virus infection in an endemic city in Brazil</i> - <u>Presenter</u> : SILVA, LM
02-04-035	GARCIA ALBA, Marianela; et al. <i>Sterile insect Technique (SIT) for <u>Ae. aegypti</u> control: The effect of Gamma radiation on the quality, sterility and mating competitiveness</i> - <u>Presenter</u> : GARCIA ALBA, Marianela
02-04-036	RAMIREZ, Melisa N A; et al. <i>Evaluation of the efficacy of oviposition traps with attractants in the population control of the <u>Aedes aegypti</u> mosquito</i> - <u>Presenter</u> : RAMIREZ, Melisa N A
02-04-037	RUBIO, Alejandra & VEZZANI, D. <i>A field experiment to test the effect of containers brushing and scrubbing on <u>Aedes aegypti</u> eggs and non-target accompanying dipterans</i> - <u>Presenter</u> : RUBIO, Alejandra
Code	4. Tick-borne diseases
04-03-007	DZUL, Karla R; et al. <i>Potential urban transmission focus of <u>Rickettsiosis</u> in Merida, Yucatan, Mexico</i> - <u>Presenter</u> : AGUILAR, Alejandra G.
04-03-008	GURROLA, Aramis. <i>Distribution of ticks and fleas of dog (<u>Canis familiaris</u>) nine municipalities of Sinaloa, Mexico</i> - <u>Presenter</u> : GURROLA, Aramis.
04-03-009	WINTER, Marina; et al. <i>Fleas in wild mammals: first records of <u>Ctenocephalides felis-Rickettsia felis</u> complex in Patagonia</i> - <u>Presenter</u> : WINTER, Marina
Code	10. Arthropod-borne diseases of veterinary importance
10-02-012	ROSA, Juan; et al. <i>Canine visceral leishmaniasis and spread of the primary vector <u>Lutzomyia longipalpis</u> (Diptera: Phlebotominae), Chaco, Argentina</i> - <u>Presenter</u> : ROSA, Juan.
10-02-013	URDAPILLETA, Mara. <i>Epidemiology of the flea <u>Tunga penetrans</u> in affected neighborhoods of Puerto Iguazú, Misiones</i> - <u>Presenter</u> : URDAPILLETA, Mara.
10-02-014	SOARES, Aline S. <i>Meta-analysis of the microbiota of sandflies from the Old and New World</i> - <u>Presenter</u> : SOARES, Aline S.
10-02-015	URDAPILLETA, Mara. <i>Epidemiological relevance in the detection of <u>Bartonella henselae</u> in wild and synanthropic rodents in Argentina</i> - <u>Presenter</u> : URDAPILLETA, Mara.
Code	3. Leishmaniasis
03-02-005	MOYA, Sofía L; et al. <i>Genetic divergence in <u>Migonemyia migonei</u> (Diptera: Psychodidae) phlebotomine sandfly</i> - <u>Presenter</u> : MOYA, Sofía L



“Addressing vector-borne diseases from communication, advocacy, and rights perspective approaches: the example of Chagas

Dr. Mariana Sanmartino

Grupo de Didáctica de las Ciencias (IFLYSIB, CONICET-UNLP) | Grupo ¿De qué hablamos cuando hablamos de Chagas?

Dr Mariana Sanmartino obtained her Ph.D. in Educational Sciences at the Faculté de Psychologie et des Sciences de l'Éducation (FPSE), Université de Genève (Switzerland). She is also a Specialist in Social Sciences with mention in Health from the FLACSO (Latin American Faculty of Social Sciences), and a Specialist in Epistemologies of the South from the CLACSO (Latin American Council of Social Sciences). She studied Biology at the Faculty of Exact, Physical and Natural Sciences (FCEFN), National University of Cordoba (UNC), Argentina.

From the beginning of her career she has sought to understand the Chagas problem in a comprehensive way, placing the role of education and communication at the center of the scene as key tools in this complex and very current issue, and understanding that it is necessary to recognise, value, and involve all the affected parties.



Symposium / Simposio 9:00 – 10:40 hs	Resistance to Pesticides used in Public Health
Coordinator / Coordinador: Dr. Gerardo Marti (Argentina)	Title / Título: <i>Interaction between Science and Health Management</i>
Speakers / Panelistas	Mariana Manteca Acosta (CeNDIE-ANLIS Malbrán – Argentina) Title / Título: <i>Emergence of the Argentine Network for Surveillance of Resistance to Pesticides for Public Health Use (RAREP)</i>
	Ana Laura Carbajal de la Fuente (Investigadora CONICET- CeNDIE-ANLIS Malbrán – Argentina) Title / Título: <i>Urban infestation by <u>Triatoma infestans</u> an overlooked phenomenon for Chagas disease in Argentina</i>
	Fernanda Achinelly (Investigadora CONICET, CEPAVE- UNLP – Argentina) Title / Título: <i>Nematodes as a biological alternative for the control of insect vectors</i>
	Marcos Sterkel (Investigador CONICET. CREG UNLP – Argentina) Title / Título: <i>Repositioning of nitisinone for the selective control of hematophagous arthropods</i>



Symposium / Simposio 11:10 – 12:50 hs	Integrating approaches for Vector Control
Coordinators / Coodinadores: Dra. María Victoria Micieli (Argentina) Dr. Paulo Pimenta (Brasil)	Title / Título: Integrating Approaches for Vector Control
Speakers / Panelistas	Dr. Marcos Horácio Pereira (Laboratorio de Fisiología de Insectos Hematófagos – ICB / UFMG – Brazil) Title / Título: Feeding behaviour of arthropod vectors
	Dr. Marcelo G. Lorenzo (René Rachou Institute – FIOCRUZ – Brazil) Title / Título: Mom knows better: egg-lying by female <i>Aedes aegypti</i> shapes the bacterial communities of breeding sites
	Dr. Rui-De Xue (Anastasia Mosquito Control District – USA) Title / Título: Program overview of Anastasia Mosquito Control District, St. Augustine, Florida, USA
	Dr. Norbert Becker (University of Heidelberg / KABS – Germany) Title / Título: Tiger mosquitoes and indigenous mosquitoes in Europe as vectors of arboviruses and their control
	Dr. Haroldo Bezerra (Public Health Entomology / PAHO – USA) Title / Título: Advances and perspectives of vector control for Vector Borne Diseases in the Americas



14:10 – 15:50 hs	DISCUSSION PANEL / CONVERSATORIO
Coordinators / Coordinadoras: Dra. Ana Laura Carbajal De La Fuente (Argentina) Bioq. Liliana Salvá (Argentina)	Title / Título: <i>Challenges and perspectives to address some neglected diseases</i>
Speakers / Panelistas	Dr. Gabriel Parra-Henao (Instituto Nacional de Salud – Colombia) Title / Título: <i>Addressing neglected tropical diseases. Actors involved, interface between decision-makers and academia, callenges and perspectives. The case of Colombia</i>
	Bioq. Sergio Meli (Ministerio de Salud Pública de San Juan – Argentina) Title / Título: <i>Neglected diseases: preventions and cautions. Is it all about their impact? A brief overview of Chagas and its presence in San Juan</i>
	Méd. Inf. Virginia Angeletti (Servicio de Infectología HIGA “Gral. San Martín”, La Plata – Argentina) Title / Título: <i>Neglected infectious diseases: experience and challenges in the daily clinical practice</i>
	Dra. Natalia Casas (National Ministry of Health – Argentina) Title / Título: <i>Addressing zoonotic diseases in Argentina</i>
	Dra. Ana Laura Carbajal De La Fuente (CENDIE (ANLIS/Malbrán) / CONICET – Argentina) Title / Título: <i>Approaching the Chagas problem from a comprehensive perspective</i>



In person Turbo talks / Turbo talks presenciales 16:20-17:50 hs

Coordinator / Coordinador: Dra. Raquel M Gleiser (Argentina)

Code	1. Chagas
01-03-019	NEVOA, Jessica C; et al. Evaluation of differentially expressed genes in the brain and fat body of <i>Rhodnius prolixus</i> infected with <i>Trypanosoma rangeli</i> - Presenter: NEVOA, Jessica C
01-04-020	AREVALO-NIETO, Claudia; et al. Human versus computational algorithms in vector surveillance for cities - <u>Presenter</u> : AREVALO-NIETO, Claudia
01-04-021	MATEYCA, Celeste. Why all vector control programmes field technicians in Argentina are men? - <u>Presenter</u> : MATEYCA, Celeste
01-04-022	ROJAS DE ARIAS, Antonieta; et al. Baited traps for early detection of triatomines in dwellings of indigenous communities of the Paraguayan Chaco region - <u>Presenter</u> : ROJAS DE ARIAS, Antonieta
01-04-023	SIERRA, Ivana S; et al. Characterization of the Major Facilitator Superfamily (MFS) proteins of <i>Rhodnius prolixus</i> and study of their role in detoxification - <u>Presenter</u> : SIERRA, Ivana S
Code	2. Mosquito-borne Diseases (dengue, malaria, yellow fever, zika, chikungunya)
02-04-038	AMORIM, Quesia S; et al. Determination of the diagnostic dose of SumiShield 50wg for Brazilian anophelines - <u>Presenter</u> : AMORIM, Quesia S
02-04-039	BOAGLIO, ER; et al. Risk of Yellow Fever Virus transmission in northern Argentina. Studies of vectors in sylvatic areas - <u>Presenter</u> : BOAGLIO, ER
02-04-040	LEYVA, Balvina D; et al. Identification of metabolomic profile of mosquitos <i>Anopheles</i> diet by HPLC-MS technique - Lima Perú - <u>Presenter</u> : LEYVA, Balvina D
02-04-041	RUEDA PÁRAMO, Manuel E; et al. An update on <i>Leptolegnia chapmanii</i> as control agent of vector mosquitos - <u>Presenter</u> : RUEDA PÁRAMO, Manuel E
02-04-042	WEIGANDT, Natalín Y & CLEMENTE, Sandra V. Development of a mosquito repellent formulation with an agroecological approach and socio-community impact - <u>Presenter</u> : WEIGANDT, Natalín
02-04-043	PEREIRA-SILVA, Jordam W; et al. Mosquitoes with low numbers of oocysts transmit <i>P. vivax</i> sporozoites during a blood meal - <u>Presenter</u> : PEREIRA-SILVA, Jordam W

It continues



Code	12. Resistance to Pesticides used in Public Health
12-02-001	VILLEGAS, Heriberto M; et al. <u><i>Aedes aegypti</i> intestinal microbiota and the relationship with the susceptibility level to temephos and permethrin insecticides</u> - <u>Presenter</u> : VILLEGAS, Heriberto M.
12-04-002	BARRERA ILLANES, Alberto N; et al. <u>Kdr mutations associated with pyrethroid resistance in <i>Aedes aegypti</i> (Diptera: Culicidae) mosquitoes from Argentina</u> - <u>Presenter</u> : BARRERA ILLANES, Alberto N.
12-04-003	DIAS, Luciana S; et al. <u>Comparison of intensity resistance rapid diagnostic test using impregnated paper and bottle impregnated in <i>Aedes aegypti</i> populations in Brazil</u> - <u>Presenter</u> : DIAS, Luciana S.
12-04-004	FRONZA, Georgina; et al. <u>Insecticide resistance associated to environment in <i>Triatoma infestans</i>: what do we know and what remains unknown</u> - <u>Presenter</u> : FRONZA, Georgina.



“Juvenile Hormone Shapes Vector Ecology”

Dr. Fernando Gabriel Noriega

Professor in the Department of Biological Sciences, Florida International University -USA

Dr Fernando Noriega graduated and completed his Ph.D. at the National University of La Plata. After spending a few years as a Research Professor at the University of Arizona, he accepted a position at Florida International University (FIU), where he is a Biology Professor. Dr Noriega's laboratory employs an integrative approach that combines experiments at the organismal, cellular and molecular level to understand the synthesis and roles of Juvenile Hormone in mosquitoes. Juvenile hormone (JH) is a major hormonal regulator in insects. In the female of *Aedes aegypti*, JH signals the completion of the ecdysis to the adult stage and initiates reproductive processes. His research, which integrates metabolomics, genomics and proteomics tools, is revealing that mosquito regulation of JH synthesis has unique features that are related to its adaptation to blood-feeding and the cyclic regulation of ovarian development. These unique features provide potential research opportunities for identifying targets for novel specific chemical and/or genetic strategies to control mosquitoes. He has 32 years of experience working on different *Aedes aegypti* physiological processes. His research has always been very innovative and has received continuous support from the National Institute of Health (NIH-USA) for the last 28 years. He has more than a hundred peer-reviewed publications and several book chapters. He has been visiting professor in universities in Australia, Sweden and the Czech Republic, and visited laboratories, attended meetings and given invited seminars in major universities around the globe.



LA SOVE 2022 is finally here! We want to celebrate by sharing a welcome reception to toast together to this historical event



UNLP String Quartet

The Sting Quartet of the National University of La Plata (UNLP) will delight us with their performance during the LA SOVE 2022 welcome reception. The String Quartet has 60 years of uninterrupted activities, having performed more than 2000 times in Argentina and hundreds of times in 17 countries of Europe and America.

Where?

**At the AMAU Hotel,
C.51 #692 (C.8 & C.9)
500 m from the venue**



A distinctive feature of **LA SOVE** meetings, is to encourage communication among colleagues while discovering a unique natural beauty



We will be visiting two environmentally recovered sites of ecological importance, the **Avellaneda Eco Area Reserve**, and the **CEAMSE Environmental Complex** in Villa Domínico. They are two of the few places where the *Marginal Forest* or *Gallery Forest* is preserved, and they are located on the Río de La Plata riverbank, about 50 km from La Plata city.



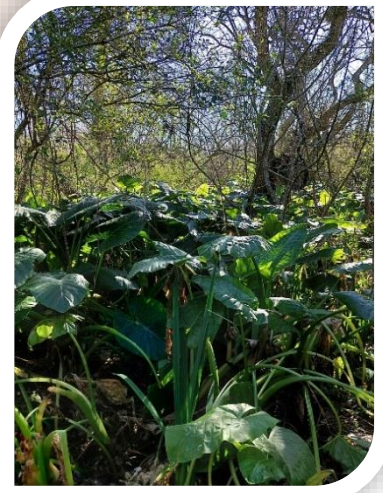
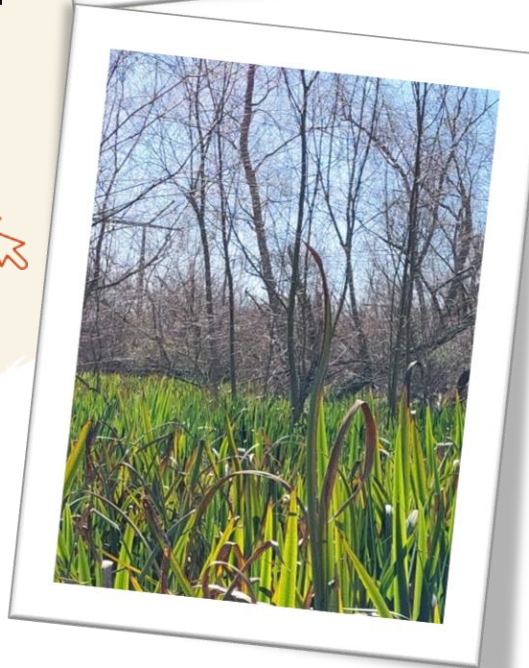
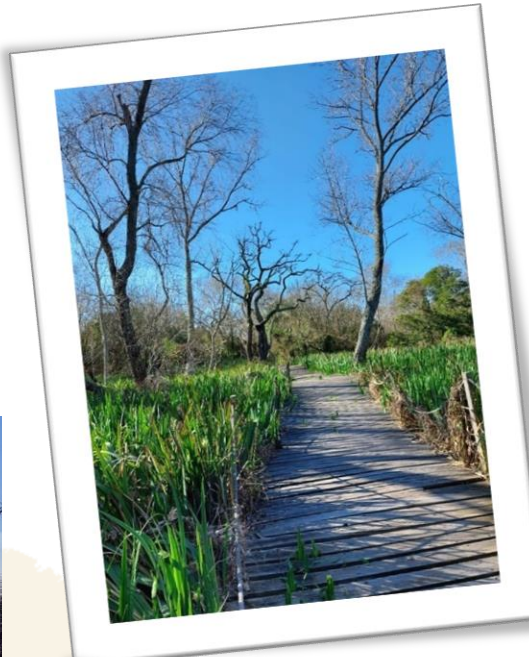
Field Trip

October

30

In this opportunity, we will be visiting the relict of the gallery forests that border the Paraná and Uruguay rivers and their tributaries, the *Marginal Forest* or *Gallery Forest*.

This association called *Marginal Forest*, named as such because southern subtropical vegetation grows on the banks of the river and streams that flow into it, includes tree species such as *Blepharocalyx salicifolius*, *Allophylus edulis*, *Ocotea acutifolia*, *Pouteria salicifolia* and *Lonchocarpus nitidus*, accompanied by numerous vines, epiphytes, herbs and shrubs typical of the forests of southern Brazil and northeastern Argentina.



On the La Plata River bank, you will find the homonymous city, venue of LA SOVE 2022



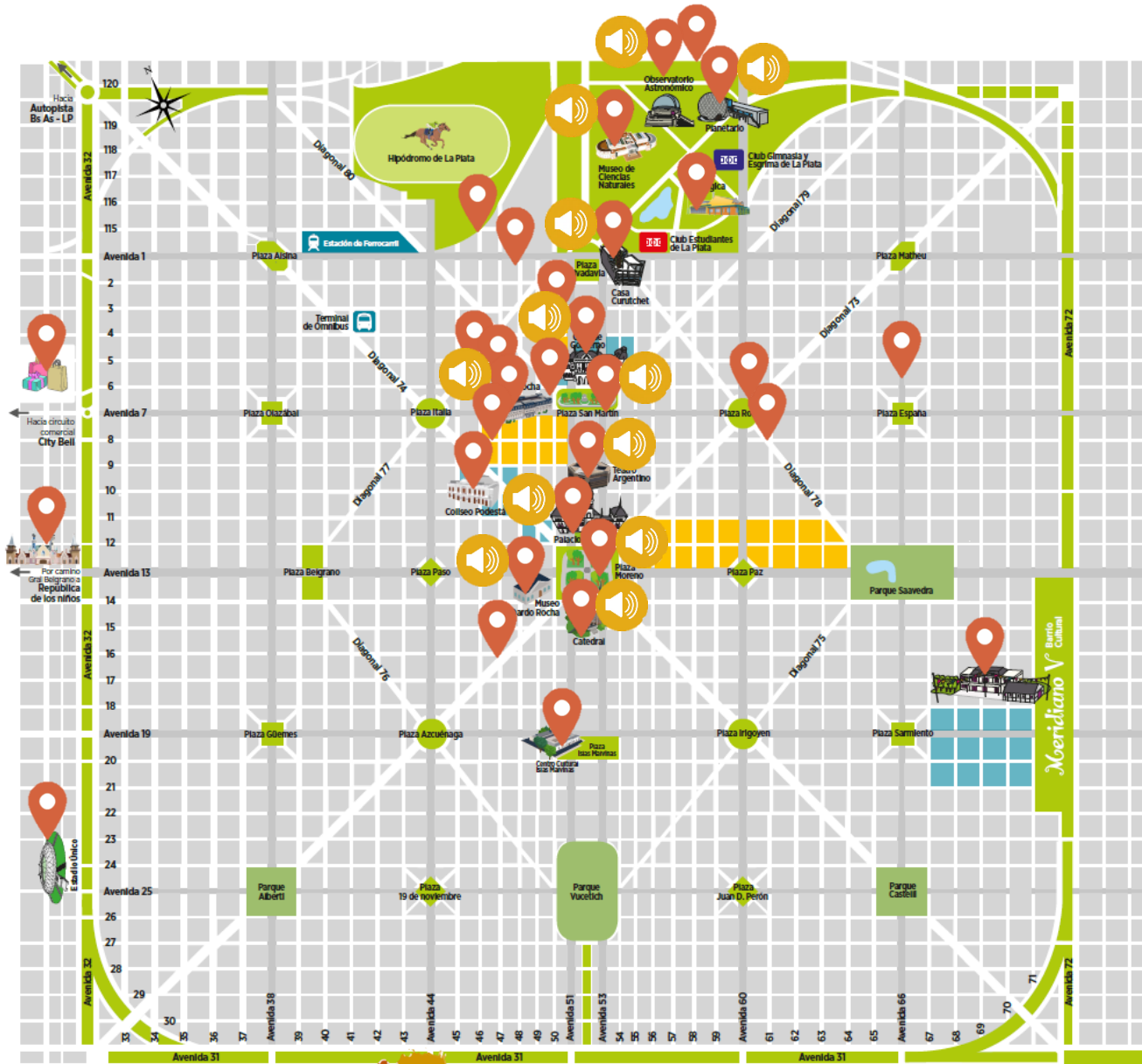
The city was founded by Dardo Rocha on the 19th of November, 1882, and it is the main political, administrative and educational centre of the Buenos Aires province. This city was planned before its foundation, and it is famous for its layout, a perfect square in which a "historical axis" is inscribed, for the outstanding design of the diagonals that cross it, and for its parks and squares that are distributed exactly every six blocks.

La Plata, also known as the Diagonals City, houses a great number of touristic attractions. Architecture, history, culture, art and nature walks, are part of the heart of the city.

SATELLITE MAP



Touristic Attractions



Click on each symbol to access the web page of each touristic attraction and an audio description



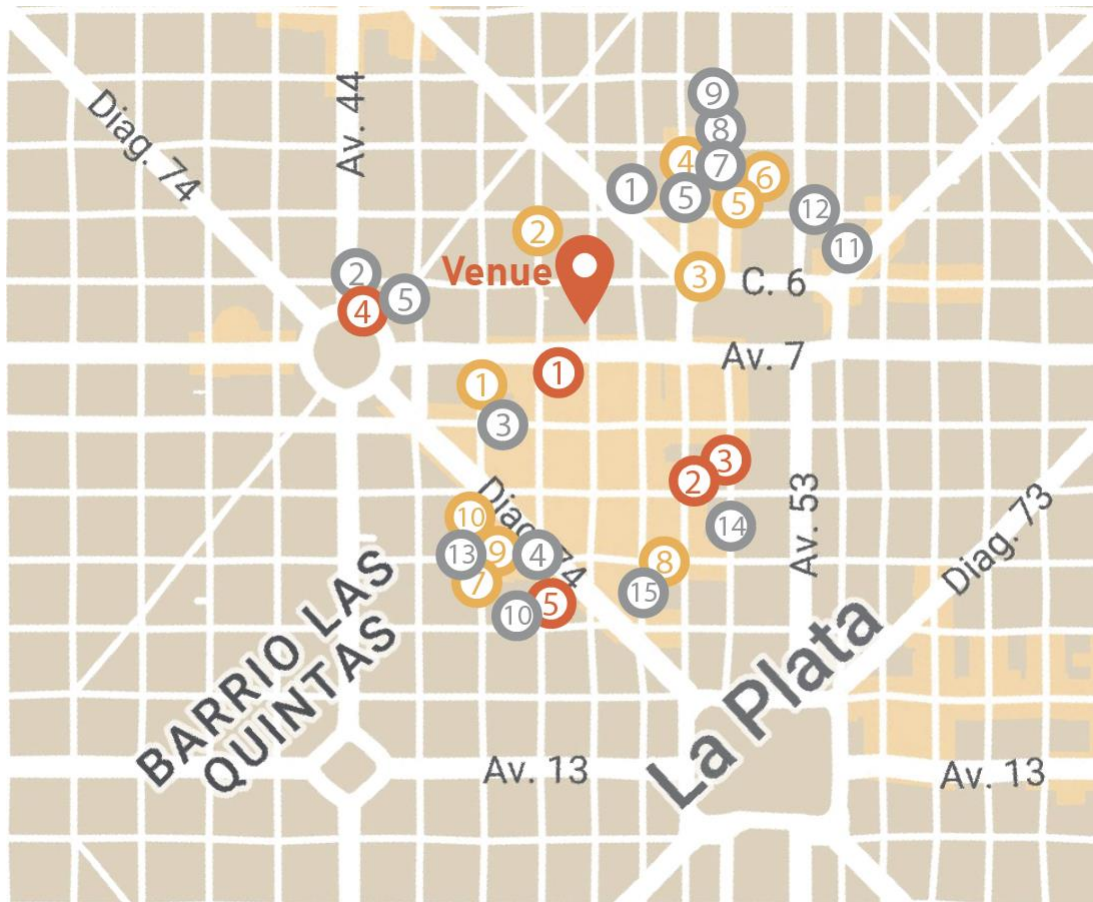
-  **Commercial Centres**
-  **Green Areas**
-  **Secretary of Culture**
-  **Secretary of Tourism**
-  **Sport Tourism**
-  **UNLP Art Center**
-  **UNLP Theater**

If you like sightseeing, here you will find audio guides for visiting our most important tourist sites without missing anything



SERVICES

Gastronomic map within a 700 m radius from the venue



GASTRONOMIC POLES



BUS STATION

TRAIN STATION

Fast food

1. **KFC** Av.7 #777 (C.47 & C.48) – 260 m
2. **McDonald's** C.50 #642 (C.7 & C.8) – 400 m
3. **Burger King** C.51#635 (C.7 & C.8) – 500 m
4. **Mostaza** Plza Italia #197 – 600 m
5. **Lo de Carlitos** C.47 #784 (C.10 & C.11) – 700 m

Rotisserie / Bar

1. **Misio Resto-Bar** C.46 #421 (C.7 & C.8) – 250 m
2. **Árbol comida casera** C.47 #507 (C.5 & C.6) – 300 m
3. **La Cabrera al paso** C.6 #950 (C.50 & C.51) – 300 m
4. **Carne casa matriz** C.50 #452 (C.4 & C.5) – 500 m
5. **Foodie Special Burger** C.51 & C.5 – 500 m
6. **Pasillo 51 Pizzeria** C.51 #452 (C.4 & C.5) – 500 m
7. **Nos Salvaste las Papas** C.46 #709 (C.10 & C.11) – 600 m
8. **El Bodegón Resto-Bar** C.10 #879 (C.49 & C.50) – 650 m
9. **El Callejón** C.10 #725 (C.46 & C.47) – 650 m
10. **El Club de la Milanese** Diag 74 #1451 – 650 m

Restaurant

1. **El Ábaco restaurant** C.49 #483 (C.4 & C.5) – 350 m
2. **Los Discos** C.48 #441 (C.3 & C.4) – 350 m
3. **Flora** C.8 #713 (C.46 & C.47) – 450 m
4. **Frawens** C.9 #750 (C.46 & C.47) – 450 m
5. **POT deliandtea** C.50 #471 (C.4 & C.5) – 450 m
6. **Autana Food** Diag 77 (Plza Italia & C.6) – 500 m
7. **Charola** C.51 #479 (C.4 & C.5) – 500 m
8. **Covent** C.51 #494 (C.4 & C.5) – 500 m
9. **Paesano Rosso** C.51 #457 (C.3 & C.4) – 550 m
10. **La Trattoria** C.47 #1513 (C.10 & C.11) – 600 m
11. **Hueso-Parrilla bar** C.54 #524 (C.5 & C.6) – 650 m
12. **Mezzogiorno** C.5 #1038 (C.53 & C.54) – 650 m
13. **Restaurant del Consejo** C.10 #720 (C.46 & C.47) – 650 m
14. **Tierra restaurant** C.51 #715 (C.9 & C.10) – 650 m
15. **Abruzzese restaurant** C.49 #778 (C.10 & C.11) – 700 m



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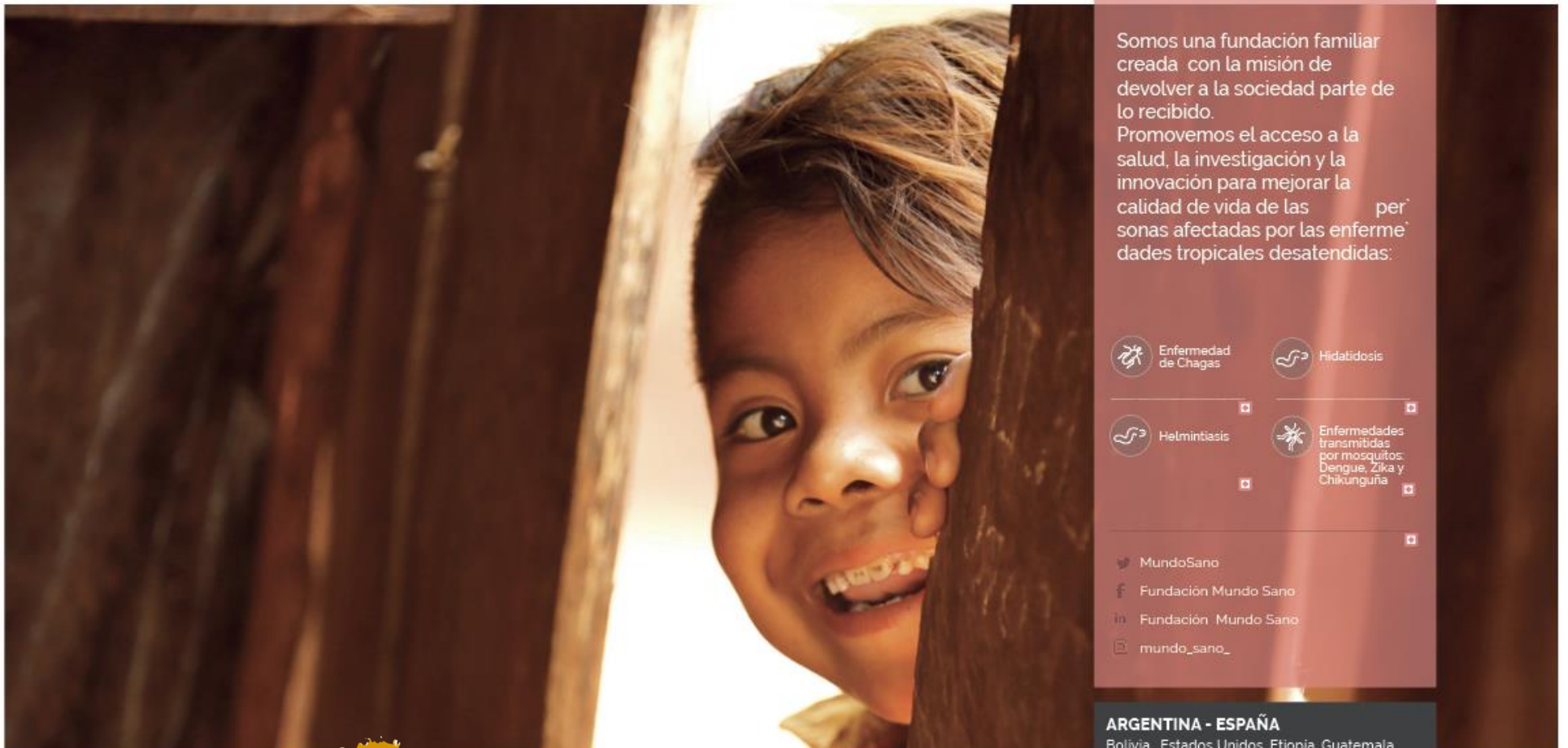
COOPERACIÓN

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Mundo Sano



Somos una fundación familiar creada con la misión de devolver a la sociedad parte de lo recibido. Promovemos el acceso a la salud, la investigación y la innovación para mejorar la calidad de vida de las personas afectadas por las enfermedades tropicales desatendidas:



Enfermedad de Chagas



Hidatidosis



Helminthiasis



Enfermedades transmitidas por mosquitos: Dengue, Zika y Chikunguña

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PROPORCIONANDO SOLUCIONES PARA CONTROL DE VECTORES QUE APOYAN AL AREA DE SALUD PÚBLICA, ADEMAS DE COMBATIR LA RESISTENCIA A INSECTICIDAS TRADICIONALES

CIELO® ADULTICIDA DE ROCIADO ESPACIAL Y LARVICIDAS NATULAR®, DESARROLLADO POR CLARKE.



Cielo®: una solución novedosa para el control de mosquitos adultos

- Un producto químico IRAC Clase 4A que amplía las opciones de productos para el control de mosquitos
- Dos ingredientes activos, imidacloprid y prallethrin, trabajan juntos para proporcionar derribo rápido y eficacia en un producto listo para usar, en una formulación
- El vehículo patentado crea las mejores condiciones para crear microgotas en una nube muy visible en climas húmedos. – “Cortina Mágica”
- Precalificado por la OMS (PQT/VC Ref. No.: 020-006)



Natular®: una herramienta comprobada para suprimir poblaciones de larvas

- Una cartera completa de larvicidas que funcionan para controlar las larvas de mosquitos antes de que se conviertan en adultos.
- Contiene el ingrediente activo patentado, Qalcova marca Spinosad, un producto biológico.
- El primer ingrediente activo IRAC Clase 5 para el control de vectores
- Cinco formulaciones de Natular están precalificadas por la OMS, incluido Natular DT para contenedores de agua potable (PQT/VC Ref No.: 020-001 a 020-005)

Obtenga más información sobre las soluciones de gestión de vectores de Clarke, incluidas Cielo y Natular, nuestra línea de equipos de aplicación LECO® ULV y tecnologías de vigilancia, en www.clarke.com.



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LA SOVE 2022

