



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



SECOND ANNOUNCEMENT

LAST CALL FOR RECEIVING ABSTRACT FROM FOREIGN DELEGATES

***6th International Congress on Pharmacology and
Therapeutics “Pharmacology Havana 2019”***

***13th National Congress on Pharmacology of the Cuban
Society of Pharmacology***

3th Iberoamerican Congress of Pharmacometric

***7th International Workshop on the Design and Management of
Clinical Trials***

***8th International Workshop of Pharmacoepidemiology and 7th
of Pharmacovigilance***

5th Workshop of Pharmacology Education

***1st Cuba-Belgium Symposium on Regulated Cell Death and
Inflammation***

**“PHARMACOLOGY IN CUBA FOR THE FUTURE; SCIENCE, DEVELOPMENT OF NEW
DRUGS, ITS RATIONAL USE AND REASONED THERAPEUTICS”**

OCTOBER 27th-30th, 2019, HOTEL HABANA LIBRE TRIP

<http://www.pharmacologyhavana2019.com>

LAST DEADLINE FOR RECEPTION OF ABSTRACTS FOR FOREIGN DELEGATES: August 25



“PHARMACOLOGY HAVANA 2019”

In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



Invitation

LAST CALL FOR RECEIVING ABSTRACT FROM FOREIGN DELEGATES: August 25

On behalf of the Cuban Society of Pharmacology, coinciding with the celebration of the 500th anniversary of the founding of Havana, declared by UNESCO, World Heritage City, you are invited to attend the 6th International Congress "Pharmacology Havana 2019"; event in which a set of important Congresses, workshops and symposiums will be developed simultaneously; between these; 3rd Ibero-American Pharmacometric Congress, 7th International Workshop of Clinical Trials and 13th National Congress on Pharmacology; Among others, all related to the broad field of action of pharmacological sciences and related scientific disciplines, which will take place from October 27 to 30, 2019, at the “Habana Libre” Hotel.

The meeting will be focused on new drug entities and major therapeutic breakthroughs and will be directed to professionals interested in rational drug therapy, and to those working on basic and clinical pharmacology, drug development and drug safety reporting. Symposia and Workshops will be combining basic and applied pharmacology and therapeutic. The scientific program has been organized to comprise main lectures, symposia, medical alert sessions, plenary sessions on new therapies, and some guided-poster sessions, all divided into different events that will be developed simultaneously.

A commercial exhibition will take place as an important part of the meeting. The Venue of the Congress will be the Convention centre at “Habana Libre” Hotel, on one of those most beautiful hotels of Havana. During your stay in Cuba you are encouraged for planning the visit to many different interesting places in Havana and in the provinces closer to the main city (Pinar del Río, Matanzas, Cienfuegos, and Villa Clara).

We are inviting you to discover and enjoy the geographical, tourist, historical and cultural treasures of Cuba, in a particularly interesting scientific atmosphere, brought up by the impressive development achieved by pharmacological sciences and other scientific disciplines related to them in Latin-American countries and in the largest island of the Caribbean.

In our beautiful island, presented nowadays to the world as a reality of the highly developed Health System, where conditions have accomplished the commitment of Health for All, you will also find the contagious hospitality and the happiness of our people. **We hope to see you in Havana in October 2019..... for Pharmacology Havana 2019!!.**

Dr. René Delgado Hernández
Congress Chair “Pharmacology Havana 2019”
Past President, Cuban Society of Pharmacology
Email: rdh231259@gmail.com

Dr. Mario Landys Chovel Cuervo.
Vice President, Cuban Society of Pharmacology
President of Organizing Committee, Pharmacology Havana 2019 Congress.
Email: [mlandys@finlay.edu.cu](mailto:milandys@finlay.edu.cu)

Dra. Maria Acelia Marrero Miragaya.
Congress Chair “Pharmacology Havana 2019”
President, Cuban Society of Pharmacology
Email: acelia@cencec.sld.cu / acelia@infomed.sld.cu





“PHARMACOLOGY HAVANA 2019”

In the 500 Anniversary of Havana Foundation



Cuban Society of Pharmacology

SPONSORS

Cuban Society of Pharmacology (SCF), Latin-American Association of Pharmacology(ALF), Ministry of Public Health (MINSAP), Ministry of Science, Technology and Environment (CITMA), Ministry of High Education (MES), BIOCUBAFARMA, National Council Scientific Societies of Health (CNSCS), Latin American School of Medicine (ELAM), Drug Research and Development Center (CIDEM), National Coordinator Center of Clinical Trials (CENCEC), National Center for State Quality Control of Drugs (CECMED), Scientific Research National Center (CNIC), Genetic Engineering and Biotechnology Center (CIGB), Pharmacy and Food Institute (IFAL), Molecular Immunology Center (CIM), “Finlay” Vaccine Institute, LABIOFAM Laboratory, Center for the Production of Laboratory Animals (CENPALAB), Center of Animal Health (CENSA), Neurological Restoration International Center (CIREN), University of Havana (UH), Cuban Medical Universities, Pan-American and World of Health Organizations (PAHO/WHO), Los Portales SA and some foreign laboratories and PHARMACEUTICALS COMPANIES represented in Cuba.

ORGANIZING COMMITTEE

Presidents of the Congress:

DrC. Maria Acelia Marrero Miragaya, President, Cuban Society of Pharmacology
DrC. René Delgado Hernández, Past President Cuban Society of Pharmacology

President of Organizing Committee:

MSc. Mario Landys Chovel Cuervo, Vice President, Cuban Society of Pharmacology

Others Vice Presidents:

DrC. Diadelis Ramirez Figueredo, CECMED, Cuban Society of Pharmacology
MSc. Mayté Amoroto Roig, CENCEC. Clinical Trials Workshop
MSc. Ignacio Hernández González. CENTIS, Pharmacometric Congress
Dra. Amaylid Arteaga García, Director, CENCEC.

Others members

MSc. Miguel David Fernández, ICIMAR, President of Preclinical Pharmacology Section
Dr. Alberto I. Hernandez Rodriguez, CENCEC, President of Clinical Pharmacology Section
DrC. Juan A Furones Mourelles, ENSAP, President Pharmacoepidemiology Section
Dra. Nancy Yodú Ferral, UCM La Habana, President of Education Section
Dra. Ana Karelía Ruiz Salvador, UCM La Habana, Vice President Education Section
Dra. Celia Alonso Rodríguez, HHA, President of Chronopharmacology Section
Dra. Yaimi Rosales, HHA, Vice President Chronopharmacology Section
MSc. Maria Cristina Lara Bastanzuri, MINSAP, President Pharmacoeconomic Section
DrC Silvio Perea Rodríguez, CIGB, President Immunopharmacology Section
MSc. Carmen Portuondo Sánchez, CECMED, Web site of Cuban Pharmacology Society
Dra. Mirtha Llanio Villate, SCF, Attention of Cuban Provincial Sections
MSc. Mayté Amoroto Roig, Vice Director, CENCEC.
MSc. Julian Rodríguez Alvarez. Director, International Cooperation, CENCEC.
DrC Sandra Álvarez Guerra. CENCEC, Workshop Clinical Trials
MSc. Ignacio Hernández González, CENTIS, Pharmacometric Congress
DrC Leyanis Rodríguez Vera. IFAL, Pharmacometric Congress
DrC. Gledys Reynaldo Rodríguez. IFAL, Pharmacometric Congress
Dr. Mariela León Pérez, CENTIS, Pharmacometric Congress
Dr. Nubia Martín Columbié, CENTIS, Pharmacometric Congress
DrC. Marian Hernández Colina, IFAL, Dean, Pharmacy and Food Institute, University of Havana
DrC. Sonia Resik, IPK Institute of Tropical Medicine
Lic. Heinay de Armas Muñoz, CENCEC, Workshop Clinical Trials
MSc. Lisette Perez Ojeda, CECMED, Symposium of Regulatory Affairs.



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



SCIENTIFIC COMMITTEE

President: DrC. Idania Rodeiro Guerra (ICIMAR). Email: idania.rodeiro@infomed.sld.cu

Secretary: DrC. Lizette Gil del Valle. (IPK). Email: lgil@ipk.sld.cu Send the abstract to pharmacology2019@cecmecmed.cu

Members:

DrC. Roberto Menéndez Soto del Valle (CNEURO), DrC. Giset Jiménez López (CECMED), DrC. Ismary Alfonso Orta (CECMED), DrC. Odalys Blanco Hidalgo (CENSA), DrC. Gilberto L. Pardo Andreu (IFAL), Dra. Santa Deybi Orta (SCF), DrC. Ana Maria Hernández, DrC. Rolando Felipe Ochoa (INST FINLAY OF VACCINES), DrC. Bárbara Beatriz Garrido Suarez (ICIMAR), DrC. Caridad Sedeño Argilagos (IFAL), DrC. Miladys Limonta (CIGB), DrC. Reinaldo Acevedo Grogues (INST FINLAY OF VACCINES), DrC Javier Marin Prida (IFAL), DrC. Maria Aida Cruz Barrios (ENSAP), DrC Anais García Fariñas (INST FINLAY OF VACCINES), DrC Sandra Álvarez Guerra (CENCEC), DrC Héctor L. Lara Fernández (CENCEC), MSc. Ania Torres Pombert (CENCEC), MSc Ivis C. Mendoza Hernández (CENCEC), MSc. Yisel Avila Albuerne (CENCEC), MSc. Roselín Valle Cabrera (CENCEC), MSc. Yamira Suarez Perez (CECMED), MSc. Lisette Pérez Ojeda (CECMED), DrC. Miguel Angel Cabrera Pérez (UCLV), Dr. Carlos González Delgado, (CENATOX)

LAST DEADLINE FOR RECEPTION OF ABSTRACTS FOR FOREIGN DELEGATES: August 25



III Iberoamerican Pharmacometrics Network Congress

Organizing Committee

Ignacio Hernández González, CENTIS,
Mayabeque, Cuba
Leyanis Rodríguez Vera, IFAL, Cuba
Gledys Reynaldo Fernández, IFAL,
Cuba.
Mariela León Pérez, CENTIS,
Mayabeque, Cuba
Nubia Martín Columbié, CENTIS,
Mayabeque, Cuba
Adriel Brito Llera, IFAL, Cuba
Niurys de Castro Suárez, IFAL, Cuba
Yamira Suarez Pérez, CECMED, Cuba

Scientific Committee

Ignacio Hernández González, CENTIS,
Mayabeque, Cuba
Leyanis Rodríguez Vera, IFAL IFAL, Habana,
Cuba
Gledys Reynaldo Fernández, IFAL, Cuba
Niurys de Castro Suárez, IFAL, Cuba
Miguel Angel Cabrera Pérez, Univ. Central Marta
Abreu, Sta, Clara, Cuba
Carlos González Delgado, CENATOX, Habana,
Cuba
Manuel Ibarra Viñales, Universidad de la
República, Montevideo, Uruguay
Teresa Dalla Costa, Universidade Federal do Rio
Grande do Sul, Porto Alegre-RS, Brazil
Bibiana Verlindo de Araujo, Universidade Federal
do Rio Grande do Sul, Porto Alegre-RS, Brazil
Maiara Pigatto, Eurofarma Laboratories S.A.,
Brazil



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



President: Dra. Amaylid Arteaga García
Vicepresident: MSc. Mayté Amoroto Roig
MSc. Gustavo Puente Cambet
Members: MSc. Isabel C. López Zayas.
MSc. Julián Rodríguez Álvarez
Dra. Luisa M. Díaz Cruz
MSc. Servilia Santana Avila
Lic. Miladys Reyes Ortiz
Lic. Yamile Yong Montey
Lic. Heinay de Armas Muñoz

Scientific Committee

President: Dr.C. Sandra Álvarez Guerra

Members:

Dr.C. María Acelia Marrero Miragaya
Dr.C Héctor L. Lara Fernández
Lic. Ania Torres Pombert, MSc.
Lic. Gladys Jiménez Rivero, MSc
Lic. Carlos Sánchez Texidó, MSc.
Lic. Ivis C. Mendoza Hernández, MSc.
Lic. Yisel Avila Albuerne, MSc.

SOME FOREIGN SPEKERS WHO HAVE CONFIRMED THEIR PARTICIPATION

Peter Vandenaabeele, VIB-UGent Center for Inflammation Research, University of Gent, Belgium
Lawrence Lesko, University of Florida - United States of America.
Wim Vanden Berghe, University of Antwerps, Belgium.
Teresa Dalla Costa, Federal University of Rio Grande do Sul, Brazil
Iñaki Troconiz, University of Navarra, Spain.
Andrés Olivares, F. Hoffmann - La Roche, Switzerland.
Stephan Schaller, esqLABS GmbH, Germany.
Elba Romero, University of Guadalajara, Mexico
Harmut Derendorf, University of Florida, USA.
Victor Mangas San Juan, Universidad de Valencia, Spain.
Lena Friberg, Uppsala University, Sweden.
Mats Karlsson, Uppsala University, USA.
Francine Azeredo, Federal University of Bahia, Brazil.
Manuel Ibarra, Universidad de la República, Uruguay.
Cecilia Maldonado, Universidad de la República, Uruguay
Rada Savic, University of California San Francisco, USA.
Andrés Zuluaga, Universidad de Antioquia, Colombia.
Paula Schaiquevich, CONICET, Argentina.
Donal E. Mager, University at Buffalo, USA.
Manuel Bardiés, Centre de Recherche en Cancérologie de Toulouse, France.
Mirjam Trame, NOVARTIS, USA.
Wenping Wang, NOVARTIS, USA.
Marc Lavielle, Directeur de Recherche, Inria Saclay - Île-de-France, France.
Stefano Rossetti, Rossetti Consulting Sas, Varese, Italy.
Dino Azzalin, Dentist, Varese, Italy

CONFIRMED CUBAN SPEAKERS

Ileana Morales Suárez, Director of Science and Innovation, MINSAP, Havana, Cuba.
Agustin Lage Davila, Center of Molecular Immunology, BioCubaFarma, Havana, Cuba.
Rolando Pérez Rodríguez, Director of Science and Innovation, Grupo Empresarial BioCubaFarma, La Havana, Cuba.



“PHARMACOLOGY HAVANA 2019”

In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



Pastor Castel. Director, National School of Public Health (ENSAP), President National Council of Health Scientific Societies (CNSCS), Havana, Cuba.

Maria Acelia Marrero Miragalla, President, Cuban Society of Pharmacology. CENCEC, Havana, Cuba.

René Delgado Hernández, Past President, Cuban Society of Pharmacology, Institute of Food and Pharmacy (IFAL), University of Havana, Cuba.

Mario Landys Chovel Cuervo, Vice President, Cuban Society of Pharmacology, Institute Finlay of Vaccines, BioCubaFarma, Havana, Cuba.

Ignacio Hernandez Gonzalez, RedIF National Coordinator, CENTIS, CITMA. Mayabeque, Cuba.

Miguel A. Cabrera, “Marta Abreu” University (UCLV), Santa Clara, Cuba.

Leyanis Rodriguez Vera, Institute of Food and Pharmacy (IFAL), University of Havana, Cuba

Gilberto L Pardo Andreu, Institute of Food and Pharmacy (IFAL), University of Havana, Cuba

Carlos Calderón, National Institute of Oncology and Radiobiology (INOR), Havana, Cuba

Leonel Torres, CENTIS, Havana, Cuba.

Gledys Reynaldo Fernandez, Institute of Food and Pharmacy (IFAL), University of Havana, Cuba

Diadelis Remirez Figueredo, Government Board, Cuban Society of Pharmacology, Researcher, Cuban Regulatory Agency of Drugs (CECMED), Havana, Cuba.

Idania Roderio Guerra, Government Board Cuban Society of Pharmacology, Director of Research, Institute of Marine Sciences (ICIMAR), Havana, Cuba.

Lizette Gil del Valle, Government Board, Cuban Society of Pharmacology, Head of Department of Pharmacology Investigation, IPK, Havana, Cuba.

Nancy Yodu Ferral, Education Sections, Cuban Society of Pharmacology, “10 de Octubre” Faculty, Medical University of Havana. Cuba.

Juan A. Furones Mourelles, Pharmacoepidemiology Section. Cuban Society of Pharmacology, National School of Public Health (ENSAP), Havana, Cuba.

Maria Aida Cruz Barrios, Government Board, Cuban Society of Pharmacology, National School of Public Health (ENSAP), Havana, Cuba.

Ana Karelía Ruiz Salvador, Government Board, Cuban Society of Pharmacology, Faculty “Salvador Allende” Medical University of Havana, Cuba.

Giset Jimenez López, Government Board, Cuban Society of Pharmacology, Cuban Regulatory Agency of Drugs (CECMED), Havana, Cuba.

Reinaldo Acevedo Grogues, Government Board, Cuban Society of Pharmacology, Institute Finlay of Vaccines, BioCubaFarma, Havana, Cuba.

Marian Hernandez Colina, Dean, Institute of Food and Pharmacy (IFAL), Havana University, Cuba.

Julian Perez Peña. Professor. Medical University of Havana.

MAIN TOPICS.

Preclinical Pharmacology

Clinical Pharmacology

Pharmacoepidemiology

Pharmacovigilance

Pharmacoeconomic

Pharmacology of Natural Products

Pharmacometric

Immunopharmacology

Neuropharmacology

Chronopharmacology

Ethnopharmacology

Pharmacogenetic

Inflammation Mediators

Endothelial Dysfunctions

Infectious Diseases

Antibiotic resistance

Bioinformatics applied to pharmacology

Pharmacological Biomodels

Promotion and Rational Use of Drugs

Teaching of Pharmacology

Molecular Modeling

Generic Drugs

Discovering of New Drugs

Bioethics in pharmacological sciences

Intellectual Property

Pharmacotherapeutic

Alternative Methods in pharmacology

Pharmacogenomic and Pharmacoproteomic



“PHARMACOLOGY HAVANA 2019”

In the 500 Anniversary of Havana Foundation



Cuban Society of Pharmacology

Cardiovascular Pharmacology
Pharmacological receptors
Integrative Medicine
Oxidative stress
Pharmacology and therapeutic in Special Populations

Biodrug delivery
Vaccines and biotherapeutics products
Clinical trials
Stem cells
Pharmacological base of Traditional Medicine

Other topics related to pharmacological sciences will be included according to the abstract received. We are waiting for your active participation!

Registration Fees

Early registration (before September 1st, 2019)

Academic sector	300 CUC
Private sector and attendees	400 CUC
Students (Pre-Grade)	200 CUC
Accompanying person	200 CUC

Later Registration (after September 1st, 2019)

Academic sector	350 CUC
Private sector and attendees	450 CUC
Students (Pre-Grade)	250 CUC
Accompanying person	250 CUC

Note: CUC is the Cuban convertible currency.

Although the conversion rate changes every day, 1 Euro is about 1.1 CUC

Precongress courses: The foreign delegates that want to participate in some of the Precongress courses, will pay it cash to their arrival, in the moment of the Registration. Cost of each Course: **30 CUC.**

- **Congress registration fee assures the right to accommodation at a discount price (special for the Congress, see touristic package), access to all the scientific activities during the Conference, accreditation module including the Program and the Abstract Book and coffee-breaks during the Conference days. Please note that the registration fee does not include insurance.**

All delegates should pay in advance the registration fees. The payment of the registration fee will be done online (by using credit card, see our Website <http://www.pharmacologyhavana2019.com>) or through the Congress's account.

You can to contact Skedio tytravel agency **Sr. Sergio Pimentel**. Email: eventos@skediotravel.com or pimen1973@gmail.com

Eventos, Oficina Cuba de Skedio, SL. Calle 19, No. 407, e/ G y F, Vedado. La Habana. Oficina: (+53) 78362630-31 E-Mail: eventos@skediotravel.com

You can also make a bank transfer from banks in your country not linked to US banks. At this time, the specific account of the event is not yet available, so if you already need or wish to make your payment, both for the registration to the event and for the lodging at the Hotel, you can make the transfer to the account of the Cuban Society of Pharmacology

Name of Account of the Congress: **Pharmacology Havana 2019** Account number: **To be defined** (in the process of opening)

Bank Name: **Banco Metropolitano**



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



- Branch address: **Agencia 264. 23 y P, Vedado, La Habana, Cuba**
Bank identification code: **BMNBCUHH**
IBAN (International Bank Account Number): **There is not IBAN for Cuban banks**
- Please quote participants name on the transfer slip. **The sender must pay all transfer charges.**
 - **The registration fee should not be paid in USD.**

Account of de Society: Name of Account: ASO. Sociedad Cubana de Farmacología.
Account Number: 0526420045540021
Bank Name: **Banco Metropolitano** Branch address: **Agencia 264. 23 y P, Vedado, La Habana, Cuba**
Bank identification code: **BMNBCUHH**

Call for Abstracts: Send the abstract only by Email to pharmacology2019@cecmecmed.cu

Deadline Submission Abstracts: LAST DEADLINE FOR RECEPTION OF ABSTRACTS FOR FOREIGN DELEGATES: August 25

- The Organizers will publish the full Scientific Program via Website with Keynote Address from well-known invited speakers and Oral Presentations chosen from submitted abstracts.
- When sending the abstract, please, indicate the Workshop and Topic in which you would like to be included.
- **Oral and Poster presentations should be clearly indicated.**
- The Organizing Committee will have the right of choosing oral presentation.
- **English is the Congress official languages.** We inform all delegates, that if anyone is limited to making their presentation in English for reasons inherent to the limited proficiency and fluency that has the English language, the Scientific Committee strongly asks you to make at least the preparation of the slides of its presentation in English, since simultaneous translation is not foreseen during the congress.
- The Organizing Committee of Pharmacology Havana 2019 will inform authors via E-mail about the acceptance of presentations, not later than one month after the deadline for the reception of the abstracts.
- **Full Instructions for Write Abstract in: Congress Website <http://www.pharmacologyhavana2019.com>. The abstracts should be sent only by E-mail: pharmacology2019@cecmecmed.cu**
- Authors should provide their abstract in **English**, in Word format (Arial, 12 pt, Single space). **Title:** In Black and capital letter, **Abstract** in Arial 10. **Authors:** Last name and first letter of the name using comas between every author (in black). The name of the author who will present the work should be underlined e.g. **Rodeiro I**, Menendez R, Ramirez D, **Institutions, Addresses, E-mail.** Abstracts should be clear and precise. Abstract should contain a brief **Introduction, Materials and Methods** used, the **Results and Discussion** achieved in research and **Conclusions**. 300 words maximum. **Abstracts not fulfilling the instructions described will be automatically rejected.**
- The lecturer should provide his full name, address of institution, e-mail, fax and telephone number. **Without providing this information the abstract won't be accepted.**
- The Congress program will be also printed and distributed with documentation on site.
- Facilities will be available in the Workshop sessions for computer-assisted presentations. You need to bring your presentation on a floppy disk (3.5 "/1.44 MB, no ZIP disk), on a CD, or on a flash memory using the USB port. Participants presenting with a Macintosh presentation are requested to use their own laptop, making sure the laptop has a VGA socket for sending images to the projector (external feed)
- **Please, use the EXAMPLE OF ABSTRACT FORM. Select the SYMPOSIUM, Workshop or CONGRESS where you prefer to present your work.**



“PHARMACOLOGY HAVANA 2019”

In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



AWARDS AND HONOURS

Each thematic will select the best works which will receive Prize from the Organizing Committee of the Congress and the participating Pharmaceutical Companies.

Also during the Congress, the Cuban Society of Pharmacology will deliver for the second time the Special Prize FOR THE WORK OF ALL LIFE DEDICATED TO PHARMACOLOGY to a group of Cuban scientific personalities highlighted in the field of their professional work.

The winners of the 2018 National Pharmacology Award will also be announced to the authors of works of great impact and that contain contributions to knowledge in Research-Development-Teaching and assistance work in the different fields of basic, experimental, clinical, applied pharmacology and of pharmacoepidemiology and as well as in the teaching of this discipline

TOURISTIC PACKAGE

The Organizing Committee of PHARMACOLOGY HAVANA 2019 has chosen the prestigious Cubatur Agency as a partner in the organization of travel and lodging for the Congress. Cubatur S.A has representative offices in many countries and a wide range of connections in hotels worldwide. Cubatur S.A. also organizes excursions to other cities, tourist resorts, beaches as well countryside locations in Cuba. To organize your trip to Cuba and accommodation and to take advantage of promotional fares, persons interested in the Congress should contact the agencies representing Cubatur S.A. who will offer you a tourist package attractive.

Note: *Special procedures apply for US citizens. Upon contact with Pharmacology Havana 2019 organizing committee you will directly receive all the instructions regarding travel to Cuba.*

How Can You Organize Your Travel?

For making your reservation or any other issue related with your trip or different tourist packages, please contact to:

Lic. Amanda Nair Regalado Labrada

Dpto. Comercial Eventos e Incentivos y Turismo Especializado. Agencia de Viajes Cubatur

Email: amanda.regalado@central.cbt.tur.cu **Telf:** 78364037

Calle 15 #410 e/ F y G. Plaza de la Revolución. Ciudad Habana.

*The congress have and special attention of **SKEDIO TRAVEL AGENCY:***

*For Registration and reservation **on line**, inscription fee and others. Contact to Skedio Travel Agency, **Sr. Sergio Pimentel**. Email: eventos@skediotravel.com or pimen1973@gmail.com*

Eventos, Oficina Cuba de Skedio, SL. Calle 19, No. 407, e/ G y F, Vedado. La Habana. Oficina: (+53) 78362630-31 E-Mail: eventos@skediotravel.com

TOURISTIC PACKAGE

HOTEL	Hab. Single (CUC)	Hab. Double (CUC)
Meliá Habana Libre (5*Plan CP)	140	90
Hotel Vedado/St Jonh (3*, Plan CP)	75	55

All these prices are referred per person (pax) per night and they are in Cuban Convertibles Pesos (CUC). These prices include:

- Breakfast (CP Plan)
- Transfer IN from Jose Marti Havana International Airport to your selected Hotel at Havana city.
- Transfer OUT from your hotel at Havana city to Havana International Airport.



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



- Shuttle climatized Buses with assistance of Touristic Tour Guide from Hotels to Habana Libre Hotel for the Registration the first Congress day and for to scientific sessions
- Shuttle climatized Buses with assistance of Touristic Tour Guide from Hotels of this offer to Social Activities (for all clients of this offer in all hotels)
- Panoramic Havana City Tour in climatized Buses with assistance of Touristic Tour Guide with walking tour by Four Squares at Havana downtown, at Army Square, Cathedral Square, San Francisco de Asis Square and Old Square. (For all clients of this offer in all hotels, according to the Scientific and Social Program of the Congress)
- Assistance by staff of Cubatur Travel Agency at your arrival at Jose Marti Havana International Airport.
- Assistance by staff of Cubatur Travel Agency at Hotel “Habana Libre” during the congress sections.

PRELIMINARY PROGRAM

VIERNES/FRIDAY 25, SABADO/SATURDAY 26 and DOMINGO/SUNDAY 27: PRECONGRESS COURSES

GENERAL PROGRAM / PHARMACOLOGY HAVANA 2019 “HABANA LIBRE TRYP” HOTEL, HAVANA, Cuba, 27-31 October, 2019 <i>6th International Congress on Pharmacology and Therapeutics / 13th National Congress on Pharmacology of the Cuban Society of Pharmacology / 3th Iberoamerican Congress of Pharmacometric / 7th International Workshop on the Design and Management of Clinical Trials</i>				
	DOMINGO/ SUNDAY 27	LUNES / MONDAY 28	MARTES/ TUESDAY 29	MIERCOLES/ WEDNESDAY 30
	Registration 09:00-14:30	Registration 09:00-12:00		
09:00-11:00	PRECONGRESS COURSES **See pre-congress course programming at the end of the conference announcement	Keynote Lectures KL-03 09:00-09:40: Dr. Lawrence Lesko , University of Florida – USA. “Physiologically Based Pharmacokinetic Modeling (PBPK) in Drug Development and Regulatory Science: From Bench to Bedside” KL-04 09:45-10:20: Pending speaker KL-05 10:25-11:05: Pending speaker	Keynote Lectures KL-06 09:00-09:40: Dr. Lena Friberg , Uppsala University - Sweden. “Pharmacometrics to combat antimicrobial drug resistance” KL-07 09:45-10:20: Pending speaker KL-08 10:25-11:05: Pending speaker	Keynote Lectures KL-09 09:00-09:40: Dr. Donal E. Mager , University at Buffalo, USA “Translational Pharmacometrics and system pharmacology models in oncology”. KL-10 09:45-10:20: Dr. Pastor Castel , Director ENSAP and President CNSCS. Cuba. “Training and development of human resources in Health in Cuba.” KL-11 10:25-11:05: Dr. Rolando Pérez Rodríguez , Director of Science and Innovation, BioCubaFarma, Cuba. “Contribution of the biopharmaceutical industry to biomedical research in Cuba.”
11:00-11:25		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



11:30-14:30	17:30-19:30	Symposia and Workshops	Symposia and Workshops	Symposia and Workshops
EMBAJADORES 2	EMBAJADORES Opening Ceremony Welcome to delegates Keynote Lectures	Pharmacometric Congress* PBPK & QSP Virtual Bioequivalence	Pharmacometric Congress* PK/PD Modeling TDM	Pharmacometric Congress* Internal Dosimetry Methodologies
SOLIDARIDAD	KL01: 17:30-18:15:	Clinical Trials Workshop	Clinical Trials Symposium of Ethics and Regulatory Affairs	Clinical Trials, Trials on Natural Product, Quality control, and Human capital formation.
EMBAJADORES 1	Dr. Peter Vandenameele. VIB, University of Gent, Belgium. “Targeting necroptosis and ferroptosis in experimental disease models; therapeutic perspectives”.	Cuba-Belgium Symposium on Regulated Cell Death and Inflammation	Pharmacology Teaching	Basic and Non-clinical Pharmacology
EMBAJADORES 3		Pharmacoepidemiology Pharmacovigilance and Pharmacoeconomy	Symposium of CECMED	Biotechnology and Immunopharmacology
14:30-15:30		Break and SNACK	Break and SNACK	Break and SNACK
15:30-16:30	KL02: 18:20-19:05: Dr. Agustín Lage Dávila (Cuba) Pending Title	ROOM 1 Presentation of Generic Drugs CIDEM, AICA, MEDSOL, “8 de Marzo”, “Roberto Escudero”, CNIC	ROOM 1 Presentation of Biotechnological Products CIGB, CIM, INT FINLAY, BIOCEN, CIE, CNIC	ROOM 1 Associated Meeting to Cuban Society of Pharmacology
16:30-17:30		Electronic Poster. In each room where symposiums and workshops were held Five minutes for the oral presentation of each Poster. Each speaker must place its presentation on the computers enabled for this purpose. To do this, each speaker must prepare their presentation with a maximum of five slides.		
17:30-19:30 EMBAJADORES	19:15-21:30: Trading Exhibition Opening Welcome cocktail	Visit to Latino American University of Medicine and Institutions of Health and Research in Havana.	Visit to Old Havana, WORLD HERITAGE City by UNESCO in the celebration of 500 ANNIVERSARY OF FOUNDATION	Closing Ceremony KL12: 17:30-18:15: Closing Lecture. Dr. Ileana Morales Suárez , Director of Science and Innovation, MINSAP, Havana, Cuba. “The National Health System in Cuba. Challenges and perspectives in Science and Innovation”. 18:20: Closing Remarks 18:30: Presentation of the Winners of National Awards of Pharmacology.
		Cultural activity in Latino American University of Medicine	18:00: Concert in Old Havana (Coordination).	20.30 Cultural Ceremony, Dinner, Cuban Typical Dances and Music and Farewell Party.



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



**LAST DEADLINE FOR RECEPTION OF ABSTRACTS FOR FOREIGN DELEGATES:
August 25**

ABSTRACT SEND BY email to pharmacology2019@cecmecmed.cu

(TITLE OF THE ABSTRACT IN ARIAL 12, BLACK AND CAPITAL LETTER)

Author 1, A.¹, Authors 2, A. B. C.², Authors 3, A.¹, Author 4, A. B.^{3*}

¹(PhD/Prof/other), University/Institution, Address, City, State, Country)

²(PhD/Prof/other), University/Institution, Address, City, State, Country)

³(PhD/Prof/other), University/Institution, Address, City, State, Country)

*{authors.address@address.xy.country of the Author for correspondence (1 or more) for contacts)
(underline the author who will present the work)

Introduction: The abstract must be structured within **one-page limit**. Please follow the format and style described in this template; Abstracts should be clear, simply and precise. The abstract should not have more than 300 words. Please, **always use Arial 10 for all the content of the abstract. It must written as using single space.** **Material and Methods:** You must briefly describe the main materials and methods used in the research carried out. In this part of the abstract, as well as in the results and the discussion, you can use bibliographical references, but very limited, 1 or 2 at the most. Always use numbers as supra indexes. **Results, Discussion and Conclusion:** The Results and Discussion must be clear and precise, always in line with the objectives of the work. Avoid unnecessary adjectives. At the end of these, always use a phrase as a general conclusion of the work.

Abstracts not fulfilling the instructions described will be automatically rejected. Deadline Submission Abstracts: august 1st, 2019

Full Instructions for Write Abstract in: Congress Website <http://www.pharmacologyhavana2019.com>. The abstracts should be sent by ONLY by E-mail to: pharmacology2019@cecmecmed.cu

Preferably avoid figures; eventually put it before the references list.

References: The references, write them as accurately as possible in Arial 9. Primary author, followed by et al. For paper that have more than two authors. (After the authors, between parenthesis, year of publication). If you wish for space problems, do not write the title of the work, just write the data of the Journal, volume, pages and the DOI.

1. Garrido Suarez B.B.; et al. (2018). *Front. Pharmacol.* 9:1119. doi: 10.3389/fphar.2018.01119.

Acknowledgment, If you consider them necessary, write the acknowledgments, very brief, at the end of the abstract in Arial 9.

Our most sincere thanks in advance, to all who will attend Pharmacology Havana 2019, on the five hundredth anniversary of the foundation of Havana.

Please, Select with **X**, the Congress, Workshop or Symposium where +you prefer to present your work.

1- ___ **Pharmacometric Congress**, 2- ___ **Workshop on Clinical Trials**, 3- ___ **Symposium on Pharmacology Education**, 4- ___ **Workshop on Pharmacoepidemiology and Pharmacovigilance**, 5- **Symposium of Basic and Experimental Pharmacology**, 6- ___ **Workshop of Synthetic Peptides**, 7- ___ **Symposium of CECMED**, 8- ___ **Cuba-Belgium Symposium on Regulated Cell Death and Inflammation (VLIR COLLABORATION)**

***See detailed program of Pharmacometric Symposium at the end of the announcement**



“PHARMACOLOGY HAVANA 2019”
In the 500 Anniversary of Havana Foundation

Cuban Society of Pharmacology



<p align="center">REGISTRATION FORM “Pharmacology Havana 2019” 6th International Congress on Pharmacology and Therapeutics 3rd Ibero-American Pharmacometric Congress, 7th International Workshop on Clinical Trials and 13th National Congress on Pharmacology</p> <p align="center">Send by email to pharmacology2019@cecmed.cu</p>	<p>PHOTO Please, Insert here, your recent photograph!!!</p>
--	---

FOR FOREIGN DELEGATES

Name:		Last Name:		Delegate:		Accompanist:	
Payment of inscription fee: <i>See the web site</i>			I will carry out the payment of my inscription fee in cash, at my arrival at the congress, authorized by the organizing committee. _____.				
Sex: Male: _____ Female: _____		Age: _____		Date of birth: Year: _____ Month: _____ Day: _____			
Passport No.:		Country of Origin:		Citizenship:		City:	
Current occupation:							
Main field of your investigations in Pharmacological sciences				Master:		PhD:	
Institution where you work or study:							
Institutional address:							
Abstract Title: Submission Deadline August 1st, 2019.		See Instruction on the web site . Send your abstract to email pharmacology2019@cecmed.cu					
Type of presentation that you prefer		Oral: _____			Poster: _____		
Telephone:			Telefax:		Email:		
Dates of Arrival and Departure to Cuba:							
Date of Arrival in Cuba:		Flight Number and Air company:		Hour of Arrival at Havana Airport (Hour of Cuba):			
Date of Departure:		Flight Number and Air company:		Hour of Departure from Havana Airport (Hour of Cuba):			
Did you travel with an organized tourist package for the symposium?:						Yes:	Not:
In case you use another tourist package and you stay at a hotel different from those suggested, please specify name of the hotel.							

The Organizing Committee especially suggests the Hotel “Habana Libre” TRYP for lodging, as this Hotel is the Congress Venue. It is a comfortable Hotel offering special prices for the delegates during the Congress days.



**III Iberoamerican Pharmacometrics Network
Congress**

October 27-30, 2019

SECOND ANNOUNCEMENT

**“Pharmacometrics in the Developing World:
Translational M&S and Virtual Bioequivalence”**

The Iberoamerican Pharmacometrics Network is announcing the celebration of its III Congress in Havana, Cuba, on October 28 to 30. The Congress will be held in Tryp Havana Libre Melia Hotel, the most cosmopolitan and centric Melia hotel in Havana. Congress holds seminars about most prominent topics in the field of Pharmacometrics like Therapeutic Drug monitoring, Virtual Bioequivalence, PK/PD modeling, Translational PBPK/PD, Internal Dosimetry in Radiopharmaceutical Development. Also, several pre-congress and post-congress workshops, MONOLIX, NONMEM, nlmixr and PK-Sim. Your participation will provide you the opportunity of sharing results and expertise with the most prominent specialist in Latin-America and other colleagues from all around the world as invited speaker/participant. In addition, incorporation of student sessions provides an excellent education framework for our future specialist in the field.

Looking forward to see you in Havana
Organizing Committee

III Iberoamerican Pharmacometrics Network Congress

Sunday Program

	Sunday
	27/10/2019
9:00-14:00	Registration
15:30-17:00	Opening Ceremony Plenary lectures
17:00-19:00	Trading Exhibition Opening Welcome Cocktail



General Program

	Monday 28/10/2019	Tuesday 29/10/2019	Wednesday 30/10/2019
8:00-9:00	Registration		
9:10:10:00	Keynote Lecture L. Lesko	Keynote Lecture L. Friberg	Keynote Lecture D. Mager
10:00-10:45	Coffee Break POSTER SESSION	Coffee Break POSTER SESSION	Coffee Break POSTER SESSION
10:45-13:00	PBPK & QSP Seminar Session	PK/PD Modeling Seminar Session	Internal Dosimetry Seminar Session
13:00-14:30	LUNCH	LUNCH	LUNCH
14:30-16:40	Virtual Bioequivalence Seminar Session	TDM Seminar Session	Methodologies (TBA) Seminar Session
16:40-17:00	Coffee Break	Coffee Break	Coffee Break
16:40-17:30	Student Session	Student Session	Closing Act

Detailed Program Monday 28/10/2019

8:00-9:00	Registration
9:00-9:10	Opening Words, Ignacio Hernández, RedIF National Coordinator
9:10-10:00	Keynote Lecture: "Physiologically Based Pharmacokinetic Modeling (PBPK) in Drug Development and Regulatory Science: From Bench to Bedside. Lawrence Lesko, University of Florida, United States.
10:00-10:20	Coffee Break
	PBPK/PD & QSP Seminar Session. Chair: Teresa Dalla Costa, Federal University of Rio Grande do Sul, Brazil.
10:20-10:55	"Use and Applications of Systems Pharmacology Models" Iñaki Troconiz, University of Navarra, Spain.
10:55-11:30	"Leveraging PBPK modeling to support drug development in the pediatric population" Andrés Olivares, F. Hoffmann - La Roche, Switzerland.
11:30-12:05	"Open-Systems-Pharmacology: a platform for pre-competitive research in Translational Medicine leveraging a qualified framework for PBPK/PD". Stephan Schaller, esqLABS GmbH, Germany.
12:05-13:00	POSTERS SESSION
13:00-14:30	Lunch
	Virtual Bioequivalence Seminar Session. Chair: Elba Romero, University of Guadalajara, Mexico
14:30-15:05	"Determination of bioequivalence of locally applied Drugs". Harmut Derendorf, University of Florida, United States.
15:05-15:40	"Virtual bioequivalence: new perspectives in drug development". Miguel A. Cabrera, Marta Abreu University, Santa Clara, Cuba.
15:40-16:15	"PBPK modelling in the selection of the most sensitive analyte for bioequivalence studies". Victor Mangas San Juan, Universidad de Valencia, Spain.
16:15-16:30	Coffee Break
16:30-17:30	Student Session





Detailed Program Tuesday 29/10/2019

9:10-10:00	Keynote Lecture: "Pharmacometrics to combat antimicrobial drug resistance". Lena Friberg, Uppsala University, Sweden.
10:00-10:20	Coffee Break/POSTER SESSION
	PK/PD Modeling Seminar Session. Chair: Leyanis Rodriguez Vera, University of Havana, Cuba
10:20-10:55	"Individual model averaging for drug effect assessments". Mats Karlsson, Uppsala University, United States
10:55-11:30	"Antimicrobial dose optimization based on microdialysis and PK/PD modeling". Francine Azeredo, Federal University of Bahia, Brazil.
11:30-12:05	"Enteric reabsorption of drugs: influence on pharmacokinetics and pharmacodynamics revisited". Manuel Ibarra, Universidad de la República, Uruguay.
12:05-13:00	POSTERS SESSION
13:00-14:30	LUNCH
	Therapeutic Drug Monitoring Seminar Session. Chair: Cecilia Maldonado, Universidad de la República, Uruguay
14:30-15:05	"Individualized patient care: application of model based approaches". Rada Savic, University of California San Francisco, United States.
15:05-15:40	"Rationale Dose Selection of Antibiotics based on Pharmacometrics". Andrés Zuluaga, Universidad de Antioquia, Colombia.
15:40-16:15	"Use of therapeutic drug monitoring in special situations in pediatric patients". Paula Schaiquevich, CONICET, Argentina.
16:15-16:30	Coffee Break
16:30-17:30	Student Session

Detailed Program Wednesday 30/10/2019

9:10-10:00	Keynote Lecture: "Translational Pharmacometrics and system pharmacology models in oncology". Donal E. Mager, University at Buffalo, United States.
10:00-10:20	Coffee Break/POSTER SESSION
	Internal Dosimetry in Radiopharmaceutical development. Chair: Carlos Calderón, Instituto Nacional de Oncología Y radiobiología, Habana, Cuba
10:20-10:55	"Role and impact of dosimetry in radiopharmaceutical development". Manuel Bardiés, Centre de Recherche en Cancérologie de Toulouse, France.
10:55-11:30	"Pharmacokinetics and internal radiation dosimetry evaluations of new radiopharmaceuticals in humans". Leonel Torres, CENTIS, Habana, Cuba.
11:30-12:05	"Population Approach in non-clinical models for dosimetric evaluation of new radiopharmaceuticals". Ignacio Hernández, CENTIS, Mayabeque, Cuba.
12:05-13:00	POSTERS SESSION
13:00-14:30	LUNCH
	Methodologies Seminar Session. Chair: Gledys Reynaldo Fernandez, University of Havana - Cuba.
14:30-15:05	Title and Speaker to be defined
15:05-15:40	Title and Speaker to be defined
15:40-16:15	Title and Speaker to be defined
16:15-16:30	Coffee Break
16:30-16:45	Closing Ceremony

Workshops Program

Hour	Saturday & Sunday		Thursday & Friday	
	26-27/10/2019		31/10-01/11/2019	
9:00 to 16:00				
Language	English	English	Spanish	Spanish
Professors	Stephan Schaller (esqLABS GmbH)	Mirjam Trame Wenping Wang (Novartis)	Iñaki Troconiz (UNAV) Manuel Ibarra (UDELAR)	Marc Lavielle (INRIA)
Inscriptions	30 CUC			

PK-Sim Workshop: basic concepts in PBPK (<https://esqlabs.com>; <http://www.open-systems-pharmacology.org/>)

Nlmixr Workshop: modeling and simulation using the free and open-source R-based nonlinear mixed effects modelling platform (<http://nlmixr.org>)

Monolix suite workshop: The latest version of the Monolix suite and the R packages 'mlxR' and 'Rsmix' for beginners and experienced modelers (<http://lixoft.com/>)

NONMEM Workshop: Concepts, implementation, evaluation and application of population PK/PD analysis (<https://www.iconplc.com/innovation/nonmem/>)



Abstract submission

The abstracts should be sent by E-mail to
redif.cuba2019@gmail.com

Authors should provide their abstract in English, in Word format (Arial, 12 pt, single space). Title: In Bold and capital letter.

Authors: Last name and first letter of the name using comas between every author (in black). The name of the author who will present the work should be underlined.

Affiliation of each author should be also provided.

Abstracts should be clear and precise, containing in no more than 300 words: Introduction, Materials and Methods, Results and Discussion and Conclusions.

Abstract acceptance will be issued to authors as soon as Scientific Committee revises them. If the abstract does not meet the necessary format, a corrected version will be requested to author. For Student Sessions the best presentations will be selected among all abstract in this category. **Abstract submission deadline: August 25, 2019**

Registration Fees ONLY FOR PHAMACOMETRIC CONGRESS

Early registration (before September 1st, 2019)

All sectors:	300 CUC
Accompanying person:	200 CUC
Students:	100 CUC
Later Registration (after September 1st, 2019)	
All sectors:	350 CUC
Accompanying person:	250 CUC
Students:	150 CUC

Note: CUC is the Cuban convertible currency.

Inscription Fee includes coffee brakes, lunch, and opening/closing activities.

Registration fee for students is a special price for our congress

Precongress courses: The foreign delegates who want to participate in a Workshop, will pay in cash at the moment of Registration. Cost of each Course: **30 CUC.**

How Can You Organize Your Travel?

The congress has and special attention of SKEDIO TRAVEL AGENCY:

For Registration and reservation on line, inscription fee and others. Contact to Skedio Travel Agency, Sr. Sergio Pimentel.

Download the Registration Form from <http://www.pharmacologyhavana2019.com> and email to eventos@skediotravel.com or pimen1973@gmail.com

Eventos, Oficina Cuba de Skedio, S.L. Calle 19, No. 407, e/ G y F, Vedado. La Habana. Oficina: (+53) 78362630-31

You must specify you are attending III Iberoamerican Pharmacometric Network Congress

If you need assistance to get more economic accommodation, please contact hospedaje.cuba.2019@gmail.com.

In any case, to pay for inscriptions and other fees you need to use the Skedio Travel links.

For your travel, be aware about visa requirement. Ask your local Cuban Consulate about how to apply for and get your visa in due time.

Note: In the case of US citizens, Skedio Travel Agency can assist you with visa application.

Sponsorship options.

For those representative profit or non-profit organization who want to be part of our meeting, we have several options of sponsoring.

Plan A 10000 USD

The Congress Organizing Committee would assure the following benefits for the sponsor:

1. Insertion of the sponsor logotype in our Website and every printed material related with the congress.
2. High visibility by inclusion of the sponsor name and logotype in the Congress Announcements and Brochures
3. Insertion of promotional materials from the sponsor in the delegate module
4. Exhibition stand approximately 3-4 m² with necessary accessories.
5. Two participants with accommodations at the Congress Venue (Trip Habana Libre, five night) and registration fees covered.

Plan B, 6000 USD

The Congress Organizing Committee would assure the following benefits for the sponsor:

1. Insertion of the sponsor logotype in our Website and every printed material related with the congress.
2. High visibility by inclusion of the sponsor name and logotype in the Congress Announcements and Brochures
3. Insertion of promotional materials from the sponsor in the delegate module
4. One participants with accommodations at the Congress Venue (Trip Habana Libre, four night) and registration fees covered

Plan C, 3000 USD

The Congress Organizing Committee would assure the following benefits for the sponsor:





1. Insertion of the sponsor logotype in our Website and every printed material related with the congress.
2. High visibility by inclusion of the sponsor name and logotype in the Congress Announcements and Brochures
3. Insertion of promotional materials from the sponsor in the delegate module.

CURSOS PRECONGRESO / PRECONGRESS COURSES: 09:00 am a 15:00 pm (19 courses)

	VIERNES 25		VIERNE S 25		
Course No.	PRECONGRESS COURSES	Professor	Date	Place	Can t.
01 Clinical trials	Búsqueda y recuperación de la información médica basada en evidencias./ <i>Search and retrieval of evidence-based medical information</i>	MSc. Ania Torres Pombert, CENCEC	Viernes 25	Biblioteca Médica	20
02 Clinical trials	Fundamentos teóricos y prácticos sobre los estudios de biodisponibilidad y bioequivalencia./ <i>Theoretical and practical foundations on bioavailability and bioequivalence studies</i>	Dr. Carlos Alberto González Delgado , CENATOX	Viernes 25	CENATOX	20
03 Clinical trials	Comités Independientes de Monitoreo de Datos para promotores de ensayos clínicos en Cuba, importancia de su funcionamiento. / <i>Independent Data Monitoring Committees for clinical trial promoters in Cuba, importance of its operation.</i>	Dra. Sonia Pérez Rodríguez, CENATOX	Viernes 25	CENATOX	20
04 Clinical trials	Plan de desarrollo investigativo de productos naturales y sus aspectos regulatorios./ <i>Research plan for natural products and their regulatory aspects</i>	Dr. Damián Enrique Triay Díaz, LABIOFAM	Viernes 25	LABIOFAM	20
05 Clinical trials	Recomendaciones para la realización de Ensayos Clínicos con suplementos dietéticos de origen natural./ <i>Recommendations for conducting Clinical Trials with dietary supplements of natural origin</i>	Dra. Zuleika Casamayor Laime, LABIOFAM	Viernes 25	LABIOFAM	20
06 Clinical trials	Consideraciones prácticas para los ensayos clínicos en el tratamiento del cáncer. / <i>Practical considerations for clinical trials in cancer treatment</i>	Dr. Iván Ramón Concepción HHA	Viernes 25	AZTRAZENECA	25
07 Clinical trials	Ensayos Clínicos en Oncología. / <i>Clinical Trials in Oncology</i>	Dra. Rosa María Ortiz Reyes INOR	Viernes 25	CNSCS/ AULA VIRTUAL	25
08 Clinical trials	Mercado global de medicamentos. Una actualización. / <i>Global medicine market. An update</i>	MSc. Javier Eduardo Vázquez Romero CECMED	Viernes 25	CNSCS/ Salon de REUNIONES	35
09 Clinical trials	Actualización en Buenas Practicas Clínicas. / <i>Update on Good Clinical Practices</i>	Dr. Yandy Marx Castillo Alemán CECMED	Viernes 25	CNSCS/ Salon MULTIPROPOSITO	40
10 Clinical trials	Evaluación de la calidad metodológica de los ensayos clínicos. / <i>Evaluation of the methodological quality of clinical trials</i>	Dra. Maricela Morera Pérez CNCMA	Viernes 25	Centro Nac Cirugia Minimo Acceso (CNCMA)	30
11 Clinical trials	Ensayos clínicos con producto naturales de uso humanos derivados de plantas./ <i>Clinical trials with natural products for human use derived from plants.</i>	Dr. Alberto Hernández Rodríguez CENCEC	Viernes 25	CNSCS/ Salon MULTIPROPOSITO	40

12 Clinical trials	Retos de las evaluaciones económicas en los ensayos clínicos. / <i>Challenges of economic evaluations in clinical trials.</i>	Dr.C. Anai González Fariña Inst Finlay de Vacunas	Viernes 25	CNSCS / Salon MULTIPROPOSITO	25
13 Oxidative Stress	“El estrés oxidativo como cofactor de diversas enfermedades y su regulación con farmacoterapia biooxidativa o antioxidante” / <i>Oxidative stress as cofactor of several diseases and its regulation with bio-oxidant or antioxidant pharmacological therapy</i>	Prof. DrC.Lizette Gil del Valle, IPK Email: lgil@ipk.sld.cu	Viernes 25 IFAL	IFAL	30
14 Reasoned Prescriptions	Prescripción razonada de medicamentos. / <i>Reasoned prescription of medications</i>	DrC. Juan A. Furones Mourelles ENSAP, MINSAP Email: furones@info.med.sld.cu	Viernes 25 ENSAP	ENSAP	30
15 Chronopharmacology	Cronobiofarmacología y su relevancia para una adecuada decisión terapéutica / <i>Chronobiopharmacology and its relevance for an adequate therapeutic decision</i>	Prof. Dra. Yaimi Rosales Email: yaimi.rosales@infomed.sld.cu	Viernes 25	Salon de Conferencias Herminios Amejeiras Hospital (HHA)	30

COURSES / Workshops Program PHARMACOMETRIC

Hour	Saturday & Sunday (PRECONGRESS)		Thursday & Friday (POST CONGRESS)	
	26-27/10/2019		31/10-01/11/2019	
9:00 to 16:00				
Language	English	English	Spanish	Spanish
COURSE No.	COURSE 16	COURSE 17	COURSE 18	COURSE 19
Professors	Stephan Schaller (esqLABS GmbH)	Mirjam Trame Wenping Wang (Novartis)	Iñaki Troconiz (UNAV) Manuel Ibarra (UDELAR)	Marc Lavielle (INRIA)
Inscriptions	30 CUC Para la inscripción en los cursos de Farmacometria, enviar mensaje a: / For enrollment in Pharmacometria courses, send message to: redif.cuba2019@gmail.com			

PK-Sim Workshop: basic concepts in PBPK (<https://esqlabs.com>; <http://www.open-systems-pharmacology.org/>)

Nlmixr Workshop: modeling and simulation using the free and open-source R-based nonlinear mixed effects modelling platform (<http://nlmixr.org>)

Monolix suite workshop: The latest version of the Monolix suite and the R packages 'mlxR' and 'Rsmix' for beginners and experienced modelers (<http://lixoft.com/>)

NONMEM Workshop: Concepts, implementation, evaluation and application of population PK/PD analysis (<https://www.iconplc.com/innovation/nonmem/>)

MATRICULA DE LOS CURSOS / COURSE ENROLLMENT

Debe enviar un mensaje al email señalado en cada caso y los datos que se piden a continuación. Al existir un número limitado de plazas en cada curso, se respetará el orden en que se envió la solicitud de matrícula y se priorizarán los que se matricularon con anticipación. Las matrículas se abrirán a partir del 19 de agosto.

El pago de la inscripción se efectuará una semana antes del curso en el CNSCS situado en Calle 2 entre 15 y 17, Vedado.

You must send a message to the email indicated in each case and the data requested below. Since there is a limited number of places in each course, the order in which the enrollment application was sent will be respected and those that were registered in advance will be prioritized. Registration will open from August 19.

The registration payment will be made one week before the course at the CNSCS located on Calle 2 between 15 and 17, Vedado.

Datos a enviar por Email: / Data to send by email:

No. del Curso que desea matricular. No. of the Course you wish to enroll: _____

Categoría profesional / Professional category: _____

Nombres y apellidos / First and last names: _____

No. Carné de identidad/ Identity card No.: _____

E-mail: _____

Especialidad/ Specialty: _____

Centro o entidad de afiliación / Center or affiliation entity: _____

Para inscribirse en un Curso, enviar mensaje y los datos que se piden a: / To register on the Courses send message and information requested to:

Cursos del 01 al 12: Ensayos Clínicos / Clinical Trials: servilia@cencec.sld.cu

Curso 13: Estrés oxidativo / Oxidative stress: lqil@ipk.sld.cu

Curso 14: Prescripción razonada / Reasoned Prescriptions: furones@infomed.sld.cu

Curso 15: Cronofarmacología / Chronopharmacology: yaimi.rosales@infomed.sld.cu

Cursos 16, 17, 18 y 19: Farmacometría. / Pharmacometric: redif.cuba2019@gmail.com