



2023 International Urogenital Science Meeting

Tlaxcala, México October 12th to 14th

Keynote Lectures

Symposia

Short oral presentation contest

Poster Sessions

Hybrid Modality

Auditorium Carvajal Espino, Campus Rectoria, UATx



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BIOLÓGICAS



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Casa abierta al tiempo
UNIVERSIDAD AUTÓNOMA
METROPOLITANA
Unidad Iztapalapa

**3RD ANNUAL MEETING
OF
UROGENITAL SCIENCES**

Tlaxcala, Tlax. Mexico. October 12th to 14th, 2023.

AIM

The essential purpose of this meeting is to share preclinical, clinical, and technological knowledge to undergraduate and graduate students in urogenital sciences, as well as to reunite and open an interactive forum between scientists of basic and translational urogenital scientists and clinicians.

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SPEAKERS

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*Universidad Autónoma Metropolitana- Xochimilco.
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Indiana University Bloomington, USA

Vargas Irma, MD.
Centro de Urología Avanzada CURA, Chihuahua, México

Zhang Yingchun, Ph. D.
University of Houston, USA

Scientific Program

THURSDAY, OCTOBER 12TH

8:30-18:30 **Registration**

9:00-10:00 **Opening Ceremony**

Hormonal control of urogenital neural circuitries

10:00-11:00 Lecture 1: Steroids as trophic factors in the development, maintenance, and repair of urogenital spinal motoneurons

Dale R. Sengelaub

11:00-12:00 Short Oral Session 1: Basic and clinical research in urogenital function

12:00-13:00 Lecture 2. Effect of gonadal hormones on micturition

Yolanda Cruz

13:00-14:30 **Lunch Break**

14:30-15:30 Lecture 3: Ethical Review of Research Projects.

Jorge Álvarez

15:30-17:30 Symposium 1: Polycystic ovarian syndrome examined from the perspective of the autonomic nervous system

Carolina Morán (Organizer)

17:30-18:30 Poster Session 1: Basic and clinical research in urogenital function

18:30-19:30 **Social event**

FRIDAY, OCTOBER 13TH

8:30-18:30 **Registration**

Pelvic dysfunction: Physiology, diagnosis and technological innovation

9:00-10:00 Lecture 4: Idiopathic overactivity of the bladder and autonomic nervous dysfunction

Xuhong Li

10:00-12:00 Symposium 2: Physiological studies of urogenital sciences

José Manuel Viveros Elías (Organizer)

12:00-13:00	Lecture 5: Diffuse optical tomography and electrical bioimpedance applied to the field of urology. Gonzalo Páez Padilla
13:00-14:00	Short Oral Session 2: Basic and clinical research in urogenital function
14:00-15:30	Lunch Break
15:30-16:30	Lecture 6: Use of nanoparticle contrast media for the differentiation of bladder tissue using the electrical bioimpedance technique. Svetlana Kashina
16:30-17:30	Lecture 7: Monitoring of bladder volume and detrusor muscle pressure by electrical bioimpedance José Marco Balleza Ordaz
17:30-18:30	Lecture 8: High density surface electromyography of the pelvic floor to determine effective injection sites of botulinum toxin A for aberrant muscle connectivity. Yingchun Zhang
18:30-19:30	Business Session

SATURDAY, OCTOBER 14TH

8:30-12:00 **Registration**

Male urogenital function/dysfunction

9:00-10:00	Symposium 3: Participation of neurofactors in sperm function Francisco Jiménez Trejo (Organizer)
10:00-11:00	Short Oral Session 3: Basic and clinical research in urogenital function
11:00-13:00	Symposium 4 The prostate: A clinical and preclinical view Nancy Mirto Aguilar (Organizer)
13:00-14:15	Lunch Break
14:15-15:15	Lecture 9: The role of the neurotransmitter gases nitric oxide and hydrogen sulfide in urinary tract function Vítor Samuel Leite Fernández
15:15-16:15	Homenaje: The legacy of Carlos Perez-Martinez, MD, PhD Dra. Yolanda Cruz; Dr. Siviardo Cristobal de Leon Jaen; Dra. Irma Vargas
16:15-17:15	Awards Ceremony and Closing Message