



Endometriosis 2026: A Nerve-centric Disease 17th Annual Medical Conference

ADVANCING THE SCIENCE AND SURGERY OF
ENDOMETRIOSIS 2026
A NERVE-CENTRIC DISEASE

HONORING
Sun-Wei Guo, PhD
Assia A. Stepanian, MD

MARCH 6-7, 2026
3 TIMES SQUARE, NYC

ADVANCING THE SCIENCE AND SURGERY OF
ENDOMETRIOSIS 2026
ENDOMETRIOSIS FOUNDATION OF AMERICA

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PROGRAM DIRECTOR:
Tamer Seckin, MD

HONORARY CHAIR:
Dan Martin, MD

This activity was planned by and for the healthcare team, and learners will receive 15 Interprofessional Continuing Education (IPCE) Credits for learning and change.

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HONORARY CHAIR:

Dan Martin, MD
Scientific Advisory Board Member,
Endometriosis Foundation of America (EndoFound)

PROGRAM DIRECTOR:

Tamer Seckin, MD
Attending Physician, Lenox Hill Hospital
Founder and President of Endometriosis Foundation of America
Clinical Professor, Obstetrics and Gynecology

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Medical Conference - March 6-7, 2026
3 Times Square, New York City



DONALD AND BARBARA
ZUCKER SCHOOL of MEDICINE
AT HOFSTRA/NORTHWELL

Endometriosis 2026: A Nerve-centric Disease

DAY 1

A NERVE-CENTRIC DISEASE

FRIDAY, MARCH 6, 2026

Time	Topic	Speaker	Moderators
07:30 am - 08:00 am	Registration		
08:00 am - 08:10 am	Welcome: Day 1	Dan Martin, MD	
08:00 am - 08:10 am	Science Endometriosis 2026: The Big Nerve and Endometriosis	Frank Chervenak, MD	
Session I:			Dan Martin MD Michael Nimaroff MD
08:10 am - 08:30 am	Endometriosis as a Neurocentric Disease: Entering the AI Era	Tamer Seckin MD	
08:30 am - 08:50 am	Neurogenic inflammation in peritoneal lesions and clinical consequences	Sylvia Mechsner, MD	
08:50 am - 09:10 am	Neuroimmune communication drives lesions and pain in endometriosis	Michael S. Rogers PhD	
09:10 am - 09:30 am	Nociception in Endometriosis Lesions: Insights from High Resolution Molecular Mapping and Neuro-Immune networks	Elise Courtois, PhD.	
09:30 am - 09:45 am	Discussion		
09:45 am - 10:00 am	Break		
Session II:			Elise Courtois, PhD. Semir Beyaz PhD
10:00 am - 10:20 am	Spleen neuro-immune interactions and inflammation	Ibrahim T. Mughrabi, MD, PhD	
10:20 am - 10:40 am	Neuromodulation of neuro-immune circuits	Stavros Zanos, MD, PhD	
10:40 am - 11:00 am	Central sensitization driven by neuroinflammation in endometriosis	Kanako Hayashi, PhD.	
11:00 am - 11:20 am	Preclinical Modeling of Endometriosis-Associated Pain: Neural Remodeling and Disease Pathophysiology	Jae-Wook Jeong, PhD	
11:20 am - 11:35 am	Discussion		
11:35 am - 11:50 am	Break		
11:50 am 12:35 pm	Keynote: Vagus Nerves in Endometriosis: Role and Therapeutic Potentials	Sun-Wei Guo, PhD	Stavros Zanos, MD PhD Tamer Seckin, MD
12:35 pm - 01:30 pm	Lunch Break & Talk: Cat Bohannon		
Session III			Ibrahim T. Mughrabi, MD, PhD Jae-Wook Jeong, PhD
01:30 pm - 01:50 pm	Recognition of Endometriosis	Dan Martin, MD	

01:50 pm - 02:10 pm	Central Sensitization: Why Endometriosis Pain Persists After Surgery	Michael Nimaroff, MD, MBA
02:10 pm - 02:30 pm	Centralization, Neuroplasticity, and the Speculative Role of the Vagus Nerve in Endometriosis (V)	Philippe Koninckx, MD
02:30 pm - 02:50 pm	Egg freezing Or Endometriosis surgery - what should come first ?!	Tomer Singer, MD, MBA
02:50 pm - 03:10 pm	Multi-omic Analysis of Human Endometrium and Endometriosis	Semir Beyaz, PhD
03:10 pm - 03:25 pm	Discussion	
03:25 pm - 03:40 pm	Break	
Session IV:		Katherine Burns, PhD Michael S. Rogers PhD
03:40 am - 04:00 am	From Menstrual Effluent to Nociceptors: Neutrophils Triggering Endometriosis Pain	Katherine Burns, PhD
04:00 pm - 04:20 pm	Functional brain MRI under different medications in endometriosis patients	Wolfgang K�pker, MD, PhD
04:20 pm - 04:40 pm	Endometrial Panic: A Psychobiological Phenomenon	Arnold Wilson, PhD
04:40 pm - 05:00 pm	Nerve Centricity in Endometriosis: Microscopic Evidence and Mechanistic Pathways	Ayse Ayhan, MD, PhD
05:00 pm - 05:30 pm	End of the Day & Discussion	Tamer Seckin, MD Dan Martin, MD
07:00 pm - 10:00 pm	FACULTY DINNER	

*The scheduled timing of speakers on the program is subject to change.



DAY 2
**A NERVE-CENTRIC
DISEASE**

SATURDAY, MARCH 7, 2026

Time	Topic	Speaker	Moderators
08:00 am - 08:10 am	Welcome Day 2 Surgery: Endometriosis 2026: The Big Nerve and Endometriosis		Sylvia Mechsner, MD
08:10 am - 08:20 am	Cancer-driver Mutation and Nerve Innervation in Endometriosis	le Ming Shih, MD	
08:20 am - 08:30 am	The Dark Side of the Endometrioma: Pain, Iron, and Oncogenic Transformation	Jeannine Ann Vilella, DO	
Session I			Adi Katz, MD Ted Lee, MD
08:30 am - 08:50 am	Why is Endometriosis is a Neurocentric Disease	Tamer Seckin, MD	
08:50 am - 09:10 am	Nerve-Centric Surgical Planning in Endometriosis: From Neuroinflammation to Excision Strategy	Hélder Ferreira MD, PhD, MBA	
09:10 am - 09:30 am	Endometriosis Is a Nerve Disease—So Why Are We Still Treating It Like a Gynecologic One?	Nash Moawad, MD	
09:30 am - 09:50 am	The hypothalamus: control of the circle of pain in endometriosis	Serdar Bulun, MD	
09:50 am - 10:05 am	Discussion		
10:05 am - 10:20 am	Break		
Session II			Nash Moawad, MD Mauricio Abrao, MD
10:20 am - 10:40 am	Beyond Endometriosis: Why Neuropelvic Expertise Is Essential to Understand Pelvic Pain (V)	Marc Possover, MD	
10:40 am - 11:00 am	Presentation of 4 case reports with lumbosacral endometriosis and treatment strategies	Sylvia Mechsner, MD	
11:00 am - 11:20 am	Laparoscopic Pudendal Nerve Decompression for Pudendal Neuralgia Refractory to Conservative Management	Liron Bar-el, MD	
11:20 am - 11:40 am	Adenomyosis and Pain: The Hidden Drivers of Uterine Pain—From Myometrium to Nociceptors	Sun-Wei Guo, PhD	
11:40 am - 11:55 am	Discussion		
11:55 am - 12:10 pm	Break		
12:10 pm 12:55 pm	Keynote: Advancing Reproductive Outcome in Endometriosis and Adenomyosis: From Classification to AI and Fundamental Research.	Assia Stepanian, MD	Dan Martin MD Helder Ferreira MD

12:55 pm - 01:40 pm	Lunch	
Session III		Wolfgang Kupker, MD Jeannine Ann Villella, DO
01:40 pm - 02:00 pm	Imaging Diagnosis for Endometriosis Involving Nerves	Mauricio Abrao, MD
02:00 pm - 02:20 pm	Depression in endometriosis	Hugh Taylor, MD
02:20 pm - 02:40 pm	Presacral Neurectomy in a Nerve-Centric Era: Selective Denervation for the Right Patient	Ted Lee, MD
02:40 pm - 03:00 pm	Dealing with endometriosis of pelvic nerves: My way (V)	Horace Roman, MD
03:00 pm - 03:20 pm	Mind the Nerves: Impact of Deep Endometriosis Surgery on Bladder Function	Fatih Sendag, MD
03:20 pm - 03:35 pm	Discussion	
03:35 pm - 03:50 pm	Break	
Session IV		Liron Bar-el, MD Fatih Sendag, MD
03:50 pm - 04:10 pm	Pregnancy in Endometriosis and Adenomyosis: Maternal–Fetal Risks	Anthony Vintzileos, MD
04:10 pm - 04:30 pm	Modern Advancements in IVF Treatments	Brian Levine, MD
04:30 pm - 04:50 pm	Endometriosis Pain During IVF Treatment	Serin Seckin, MD
04:50 pm - 05:00 pm	Discussion	
05:00 pm - 05:30 pm	End of the day	

*The scheduled timing of speakers on the program is subject to change.



Statement of need: Endometriosis, a global health challenge, prompts obstacles in healthcare. This gap analysis reveals key issues:

- **Diagnostic Challenges:** Limited symptom awareness; recommend modules for early recognition.
- **Patient-Centered Care:** Insufficient emphasis on holistic approaches; integrate empathy programs.
- **Laparoscopic Surgical Techniques:** Variable proficiency; recommend specialized training.
- **Multidisciplinary Collaboration:** Limited specialty collaboration; facilitates interdisciplinary training.
- **Knowledge of Emerging Therapies:** Lack of awareness; establish continuous education on the latest options.
- **Cultural Competency:** Limited understanding of cultural factors; integrate competency training. EndoFound's conference addresses these gaps, enhancing healthcare education for improved endometriosis management.

Program objectives: At the conclusion of this conference, participants should be able to:

- Integrate interprofessional collaboration strategies to improve coordinated, patient-centered endometriosis care and optimize diagnostic and treatment outcomes across healthcare team roles.
- Apply evidence-based, subtype-specific endometriosis management strategies to replace outdated practices and improve diagnostic accuracy and treatment effectiveness.
- Incorporate patient-centered communication and culturally competent care principles into multidisciplinary endometriosis management to enhance care coordination, efficiency, and patient outcomes.

Target audience: This program is designed for Physicians, Residents, and Fellows. Other members of the healthcare team are invited to attend.

Credit designation statements:

Physicians: Northwell Health designates this activity for 15 AMA PRA Category 1 Credits™. Physicians should claim only credit commensurate with the extent of their participation in the activity.

Verification of attendance: Will be provided to all other professionals.

Location: 3 Times Square, New York City

Course offering and registration fees:

Registration fee includes CE certificates, access to in-person conference, exhibit hall, continental breakfast, break, digital education course materials, and parking. Preregistration is required, and a confirmation letter will be sent to your email address once registered. Phone registrations are not accepted.

- No fee for Northwell employees, fellows, residents, and medical students,
- \$300 for other physicians.
- \$200 for other non-physicians

Registration fee includes: Access to the conference, exhibit hall, and meals

Cancellation Policy: To receive a refund, all cancellations must be confirmed via email to Sarper Kocabiyik, CTO, sarper@endofound.org, by 2/25/2026. An administrative fee of \$10 will be kept for all cancellations. No refunds will be made after this date or for "no-shows."

Disclosure Policy: Northwell Health adheres to the ACCME Standards for Integrity and Independence in Accredited Continuing Credentialing Center (ANCC), to provide continuing education for the healthcare team.

Americans with Disabilities Act: This conference is in compliance with provisions of the Americans with Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require special needs or accommodations, **please contact Andrew Rebillard of EndoFound at andrew@endofound.org.**

Joint Accreditation Statement: In support of improving patient care, this activity has been planned and implemented by **Northwell Health** and **Endometriosis Foundation of America (EndoFound)**. Northwell Health is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.



2026 EndoFound Harry Reich Award Recipients



ASSIA STEPANIAN, MD

Academia of Women's Health and Endoscopic Surgery (USA)

ATLANTA, GA



SUN-WEI GUO, PHD

Professor at Shanghai OB/GYN Hospital, Fudan University

SHANGHAI, CHINA

PROGRAM FACULTY

MAURICIO ABRAO, MD

**UCHENNA ACHOLONU, MD,
MBA**

AYSE AYHAN, MD, PHD

LIRON BAR-EL, MD

SEMIR BEYAZ, PHD

SERDAR BULUN, MD

KATHERINE BURNS, PHD

ELISE COURTOIS, PH.D.

ASGI FAZLEABAS, PHD

**HÉLDER FERREIRA, MD,
PHD, MBA**

KANAKO HAYASHI, PHD

JAE WOOK JEONG, PHD

DENIZ KOCAS

**PHILIPPE KONINCKX, MD,
PHD**

**WOLFGANG KÜPKER, MD,
PHD**

TED LEE, MD

BRIAN LEVINE, MD

DAN MARTIN, MD

SYLVIA MECHSNER, MD

NASH MOAWAD, MD, MS

IBRAHIM MUGHRABI, PHD

MICHAEL NIMAROFF, MD

FILIPA OSÓRIO, MD

MARC POSSOVER, MD, PHD

HARRY REICH, MD

MICHAEL ROGERS, PHD

HORACE ROMAN, MD, PHD

TAMER SECKIN, MD

SERIN SECKIN, MD, FACOG

FATIH SENDAG, MD

IE-MING SHIH, MD, PHD

TOMER SINGER, MD, MBA

HUGH TAYLOR, MD

ANTHONY VINTZILEOS, MD

ARNOLD WILSON, PH.D.

STAVROS ZANOS, MD, PHD