




# KSUM 2026

THE 57<sup>TH</sup> ANNUAL CONGRESS OF  
THE KOREAN SOCIETY OF ULTRASOUND IN MEDICINE

MAY 7 (THU) - 8 (FRI), 2026 | COEX, SEOUL, KOREA

## KSUM 2026 Invited Speaker's CV

All fields marked with an asterisk (\*) should be completed.

<b>Name*</b>	Dr. Claudia Martinez-Rios	
<b>Country*</b>	Canada	
<b>Current Affiliation*</b>	The Hospital for Sick Children University of Toronto	
<b>Specialty*</b>	Pediatric Radiology	
<b>Educational Background* (100 words)</b>	Dr. Martinez-Rios earned her medical degree and completed her diagnostic radiology residency at the Universidad Autonoma de Nuevo León in Monterrey, Mexico. She subsequently pursued advanced academic training in the United States, holding research fellowships in Pediatric Radiology at Boston Children's Hospital/Harvard Medical School and UH Rainbow Babies & Children's Hospital/Case Western Reserve University. Dr. Martinez-Rios then transitioned to Canada to complete dual clinical fellowships in Pediatric Radiology and Pediatric Neuroradiology at The Hospital for Sick Children (SickKids) through the University of Toronto, prior to engaging in clinical practice as a staff radiologist in Canada.	
<b>Professional Experience (200 words)</b>	<p>Dr. Martinez-Rios is an Assistant Professor at the University of Toronto and a Pediatric Staff Radiologist at The Hospital for Sick Children (SickKids). A recognized expert in pediatric thyroid pathology, her work bridges the gap between innovative imaging and clinical excellence. Her contributions to the field were notably honored with the John Caffey Award from the Society of Pediatric Radiology for her educational exhibit on pediatric thyroid carcinoma.</p> <p>At the intersection of clinical practice and research, Dr. Martinez-Rios leads multidisciplinary collaborations with endocrinologists, surgeons, and sonographers to standardize radiological reporting. Her leadership in developing these frameworks has directly improved clinical decision-making and enabled more targeted surgical interventions. Internationally, she contributes to multicenter initiatives that define global standards.</p> <p>Her current research focuses on precision-based care, accounting for the unique biological profile of thyroid carcinoma in children. By correlating imaging phenotypes with genetic markers, her aim is to incorporate a genotype-informed approach to management of pediatric thyroid nodules.</p> <p>Dr. Martinez-Rios is dedicated to refining risk stratification and predictive modeling, ultimately tailoring long-term surveillance to the molecular signature of children with thyroid carcinoma.</p>	

### KSUM 2026 Secretariat

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## Main Scientific Publication \* (200 words)

Srivatsa S, Al-Hadidi A, Stanek J, Horvath K, Parsons L, Martinez-Rios C, et al. Assessing the Diagnostic Accuracy of TI-RADS in Pediatric Thyroid Nodules: A Multi-institutional Review. *J Pediatr Surg*. 2025 Jan;60(1):161924.

Marzukie MS, Shapira-Zaltsberg G, Martinez-Rios C. Assessment of the American College of Radiology Thyroid Imaging Reporting and Data System (ACR TI-RADS™) with modification of the management recommendations for pediatric thyroid nodules. *Pediatr Radiol*. 2024 Aug;54(9):1476-1485.

Baxter C, Martinez-Rios C, Ahmet A. Thyroid hormone resistance and large goiter mimicking infiltrative carcinoma in a pediatric patient. *J Pediatr Endocrinol Metab*. 2024 Jan 25;37(2):179-183

Squires JH, Martinez-Rios C, Davis JC, et al. Imaging of pediatric thyroid tumors: A COG Diagnostic Imaging Committee/SPR Oncology Committee White Paper. *Pediatr Blood Cancer*. 2023 Jun;70 Suppl 4(Suppl 4):e29957.

Shapira-Zaltsberg G, Miller E, Martinez-Rios C, et al. Comparison of the diagnostic performance of the 2017 ACR TI-RADS guideline to the Kwak guideline in children with thyroid nodules. *Pediatr Radiol*. 2019 Jun;49(7):862-868.

Martinez-Rios C, Daneman A, Bajno L, et al. Utility of adult-based ultrasound malignancy risk stratifications in pediatric thyroid nodules. *Pediatr Radiol*. 2018 Jan;48(1):74-84.

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