

## **Hui-Yuen, Joyce**

Joyce S Hui-Yuen, MD MSc FACR FAAP, is a board-certified pediatric rheumatologist and Assistant Professor of Pediatrics at the Cohen Children's Medical Center, Northwell Health System in New York. Her clinical practice focuses on the diagnosis and treatment of autoimmune disease in pediatric patients. She holds a research appointment at the Feinstein Institute for Medical Research. She obtained a Master of Science in Immunology in 2004, which piqued her interest in research in autoimmune disease. She completed pediatric residency at Stony Brook University Medical Center, followed by a fellowship in pediatric rheumatology at Columbia University Medical Center. She was awarded a T32 in Molecular Genetics from the National Institutes of Health to pursue her translational fellowship research project.

Dr Hui-Yuen is currently a clinician-scientist whose primary research is focused on environmental effects on the genomes of children, adolescents, and young adults with systemic lupus. In particular, she is investigating the changes in gene expression brought about by environmental factors pre- and post-treatment with immunosuppressive medication. She was the first to demonstrate that much of the genetic risk attributed to lupus pathogenesis can be found in areas of the genome regulating transcription of inflammatory genes. Her research has been published in several high-impact, peer-reviewed journals, most notably Proceedings of the National Academic Societies (PNAS). Her research has been funded in the past by the National Institutes of Health, the American Academy of Pediatrics, and private foundation grants. She currently holds funding from both the American College of Rheumatology-Rheumatology Research Foundation (ACR-RRF) and the Arthritis Foundation through the Childhood Arthritis and Rheumatology Research Alliance (CARRA). Dr Hui-Yuen is also passionate about mentoring trainees and junior faculty. She lectures extensively on all aspects of pediatric rheumatology, in particular lupus and connective tissue diseases, and created the pediatric resident curriculum in rheumatology at Columbia University. She is an active member of the Women in Medicine Group at Cohen Children's Medical Center, where she mentors a female trainee, and the national ACR/CARRA Mentoring Interest Group, where she annually mentors a pediatric rheumatology fellow from a different institution.