



**STANFORD
MATERNAL & CHILD HEALTH
RESEARCH INSTITUTE
SEMINAR SERIES**

Ways to Prevent, Diagnose, and Treat Children with Asthma/Food Allergies

Monday, February 3, 2020 | 12:15pm - 1:15pm
James H. Clark Center, Seminar Room S360
318 Campus Drive, Stanford, CA 94305



KARI NADEAU, MD, PHD

Professor of Medicine and of Pediatrics (Allergy & Clinical Immunology); Director of Sean N. Parker Center for Allergy Research
Recipient of MCHRI Pilot Grant Award

HOWARD Y. CHANG, MD, PHD

Professor of Dermatology and of Genetics

About 10.8% of US adults and 7.6% of children have been doctor-diagnosed with food allergies. It is also estimated that \$25 billion is spent each year on food allergy care for children. In this talk, Drs. Kari Nadeau and Howard Chang will discuss current asthma management guidelines in children and the tools for understanding mechanisms of asthma in children, respectively.

Dr. Kari Nadeau's research has shown that blocking antibodies in conjunction with allergen immunotherapy simultaneously desensitize patients with multiple food allergies (up to five). As one of the nation's foremost experts in adult and pediatric allergy and asthma, her research is laying the groundwork for a variety of potential future therapies to prevent and cure allergies and asthma. Dr. Howard Chang's research has focused on mechanisms that coordinate the activities of large number of genes in cell fate control. He has developed an Assay of Transpose Accessible Chromatin by sequencing (ATAC-seq) as a facile and sensitive method to map the landscape of gene regulation. Their talks will look at the research they are doing in genome-wide studies and allergy susceptibility.

The seminars series is open to all, including faculty, staff, trainees, postdocs, and all members of the research community. Seats are limited, and reservation is required. Limited lunch will be provided on a first come, first served basis.

Register here: <https://mchri-seminar-feb3.eventbrite.com/>