

AETAPI XIX Congreso, Cartagena, 15-17 November 2018
AutismoS, entendiendo la diversidad

- two lectures

(1) Title: Early social development in autism: building a social world differently.

Presenter: Ami Klin, PhD.

Long Affiliation: Director, Marcus Autism Center, Children's Healthcare of Atlanta; Georgia Research Alliance Eminent Scholar Professor & Chief, Division of Autism & Related Disorders, Department of Pediatrics, Emory University School of Medicine; Emory Center for Translational Social Neuroscience.

Shorter affiliation: Marcus Autism Center, Children's Healthcare of Atlanta and Emory University School of Medicine.

Objectives:

1. Participants will appreciate the complexities associated with current molecular genetics research in autism.
2. Participants will learn about the early learning mechanism in infants and toddlers with autism.
3. Participants will learn about the early symptoms of autism, even before the condition can be diagnosed.
4. Participants will learn about what is and what is not determined by genetic liabilities in autism.

Abstract:

This presentation will focus on evolutionarily highly-conserved and developmentally early-emerging mechanisms of socialization and disruptions thereof in autism. It will illustrate learning styles from birth, and the potential impact of these early experiences on brain development. Finally, it will illustrate studies that attempt to conquer the vast chasm that exists between advances in molecular genetics of autism and social behaviors and symptoms of infants and toddlers with autism.

(2) Title: Community-viable tools for screening, detection and diagnosis of autism in infants and toddlers, and the neuroscience basis for parent-mediated early intervention.

Presenter: Ami Klin, PhD.

Long Affiliation: Director, Marcus Autism Center, Children's Healthcare of Atlanta; Georgia Research Alliance Eminent Scholar Professor & Chief, Division of Autism & Related Disorders, Department of Pediatrics, Emory University School of Medicine; Emory Center for Translational Social Neuroscience.

Shorter affiliation: Marcus Autism Center, Children's Healthcare of Atlanta and Emory University School of Medicine.

Objectives:

1. Participants will recognize the early symptoms of autism and their earliest expressions.
2. Participants will learn about the need to prioritize universal screening, and early diagnosis and treatment/intervention for autism.
3. Participants will appreciate the new opportunities that this body of research opens for early intervention and for community-viable public health solutions for a broad range of children with neurodevelopmental disabilities.

Abstract:

This presentation will focus on translational research turning new developmental neuroscience into tools and technology for screening, detection and diagnosis of autism in infants and toddlers, their scientific basis, and current efforts to deploy these tools in the community. The likely near-term availability of such tools will substantially increase the percentage of children being identified early in life, requiring community-viable solutions for treatment. This presentation will include illustrations of current research on parent-mediated early treatment and their scientific basis for promoting optimal outcomes in children with autism as well as children with a much broader profile of genetic, medical and environmental vulnerabilities.

Brief Biographical Sketch:

Ami Klin, Ph.D. is the Georgia Research Alliance Eminent Scholar Professor and Chief of the Division of Autism and Developmental Disabilities at Emory University School of Medicine, and Director of the Marcus Autism Center, Children's Healthcare of Atlanta. He obtained his Ph.D. from the University of London, and completed clinical and research post-doctoral fellowships at the Yale Child Study Center. He directed the Autism Program at the Yale Child Study Center, Yale University School of Medicine until 2010, where he was the Harris Professor of Child Psychology & Psychiatry. The Marcus Autism Center is one of the largest centers of clinical care in the country, providing a broad range of diagnostic and treatment services, and is also a National Institutes of Health Autism Center of Excellence, with a comprehensive interdisciplinary program of research in clinical and basic science. Dr. Klin's primary research activities focus on social mind and social brain, and on developmental aspects of autism from infancy through adulthood. He is the author of over 200 publications in the field of autism and related conditions.

