Co-Sponsored by MS-CHONY and Department of Anesthesiology of Columbia University

Second Symposium on Anesthesia and Neurodevelopment in Children

May 8th, 2010

7:30 am-8:00 am	**Registration and Breakfast**		
8:00 am-8:20 am	**Welcoming Remarks**		
		Lena Sun, MD	PI, PANDA Study
		Margaret Wood, MD	Chair of the Department of Anesthesiology
		Charles Schleien, MD, MBA	Executive Vice Chairman of Pediatrics
		Kevin Hammeran	Senior Vice President and COO of Children's Hospital of New York
8:20 am-9:45 am	**Session 1:**	**Update on Anesthesia & Neurodevelopment in Children**	
		Moderator: *Steve Hall, MD*	
		Pre-clinical Data	
	8:20-8:40	*Andreas Loepke. MD, PhD*	"Update on Preclinical Studies Related to Anesthetic Neurotoxicity"
	8:40-8:50	*Lisa Wise-Faberowski, MD*	"Neuro-ontogeny of Our Progeny"
		Clinical Data	
	8:50-9:10	*Peter Davis, MD*	"Anesthesia Neurotoxicity in the Developing Brain: Do Anesthetic Agents Make Your Child Stupid?"
	9:10-9:20	*Charles DiMaggio, PhD*	"Early Childhood Exposure to Anesthesia and Risk of Developmental and Behavioral Disorders in a Birth Cohort of 5,824 Twin Pairs"
	9:20-9:45	**Discussion**	
		Panelists: *Drs. Davis, DiMaggio, Wise-Faberowski, Hall, Kurth, Loepke*	
9:45 am-10:00 am	**Break**		
10:00 am-12:45 pm	**Session 2:**	**Epidemiologic Research in Pediatric Patients**	
		Moderator: *Guohua Li, MD, DrPH*	
	10:00-10:30	*Ezra Susser, MD, DrPH*	"Latent Effects of Early Life Exposures"
	10:30-11:00	*Jean Slutsky, PA, M.S.P.H*, Director, AHRQ Center for Outcomes & Evidence	"Patient-Centered Health Research"
	11:00-11:30	*Claudia Steiner, MD, MPH*	"The Healthcare Cost and Utilization Project (HCUP): Databases and Software Tools to Conduct Population-based Epidemiologic Research"
	11:30-12:00	*Sigal Kaplan, Ph.D., Pharm B.*	"Population-Based Epidemiologic Research: Anesthesia and Neurodevelopment in Children"
	12:00-12:45	**Discussion**	
		Panelists: Drs. *Kaplan, Li, Rauh, Steiner, Susser*	
12:45 pm-1:30 pm	**Lunch**		
1:30 pm-3:45 pm	**Session 3:**	**The Developing Human Brain**	
		Moderator: *Jeanne Brooks-Gunn, PhD*	
	1:30-2:00	*Elizabeth Sowell, PhD*	"Imaging the Developing Human Brain and the Impact of Exposure to Drugs of Abuse"
	2:00-2:30	*Kimberly Noble, MD, PhD*	"The Developing Human Brain: Cognition and Experience"
	2:30-3:00	*Barbara Clancy, PhD*	"Translating Neurodevelopment Timing From Experimental Species to Humans"
	3:00-3:45	**Discussion**	
		Panelists: *Drs. Brooks-Gunn, Byrne, Clancy, Noble, Radcliffe, Sowell*	
3:45-4:00 PM	**Closing Remarks**	*Lena Sun, MD*	

Supported, in part, by the FDA-SAFEKIDS Initiative & New York Presbyterian Hospital