

## Nominee – SPR Council (Allergy, Immunology, Rheumatology)

### BIOGRAPHICAL SKETCH

#### Jordan Orange

**Education:** Brown University, MD, PhD, 1990 – 1997

**House Staff and Fellowship Training:**

Internship and Residency, Pediatrics, Children's Hospital of Philadelphia, Philadelphia, PA, 1997-2000;  
Fellowship, Immunology, Allergy and Rheumatology, Children's Hospital of Boston, Boston MA, 2000 - 2003;

**Faculty Positions:**

Assistant Professor and Associate Professor of Pediatrics, University of Pennsylvania, Philadelphia, PA 2003 – 2012

Professor of Pediatrics, Baylor College of Medicine, Houston, TX 2012 – present

**Current Position:**

Professor of Pediatrics at Baylor College of Medicine

Louis G and Marybeth Pawleek Endowed Chair at Texas Children's Hospital.

Chief, Section of Immunology, Allergy and Rheumatology

Director, Center for Human Immunobiology

Director, Pediatrician-Scientist Training and Development Program

Vice Chair for Research – Department of Pediatrics

**Society Memberships:**

American Academy of Pediatrics, American Academy of Allergy, Asthma and Immunology, American Association of Immunologists, Henry Kunkel Society, Texas Allergy, Asthma and Immunology Society, American College of Allergy, Asthma and Immunology, Clinical Immunology Society, American Society for Clinical Investigations, American Society for Cell Biology.

**SPR Activities:** Dr. Orange has attended and delivered presentations at SPR Annual Meetings. He has been an active member since 2007.

**Research Interests:** Dr. Orange's research has focused on the fundamental cell biology of intercellular immune interactions, novel causes of immune diseases as well as mechanistic insights gained from primary immunodeficiency. He has participated in gene discovery efforts and has contributed to the identification and understanding of a number novel genetic immune diseases – including “Copa Syndrome”, which was recognized with the Lee Howley Sr. Prize from the Arthritis Foundation. Dr. Orange's work has also benefited from insights gained from the biology of primary immunodeficiency and has succeeded in translating back to patients through an ongoing phase-I clinical trial and related efforts.

**Other Information:** Dr. Orange's laboratory has been recognized for innovation in high- and super-resolution imaging of human immune cells and applying advanced cell biological technologies to human immunodeficiency. He is the recipient of the 2017 E. Mead Johnson Award, given by the SPR as well as the Norman J. Siegel New Member Outstanding Science Award of the APS in 2015. Dr. Orange's work has been continuously funded by the National Institutes of Health, and he has published over 230 manuscripts. Dr. Orange currently directs a pediatrician scientist residency program at Baylor College of Medicine (established 2014) that aspires to promote and develop the careers of promising physician-scientists via a curriculum integrated into their training as a pediatrician.

**Comment:** SPR provides an extraordinary opportunity to advance child health through research mission and inclusion in it. I would be honored to contribute further to SPR should I be selected to serve on Council. As immunology links to so many different disciplines in Pediatrics, I hope to be able to provide some scientific utility to Council and SPR programs. I also aspire to ensure that SPR membership is a goal of pediatric scientists and look forward to recruiting talented pediatric-scientists for participation. I also hope to increase representation of pediatric allergy and immunology research and presence within SPR in order to foster both contributions to SPR and development of pediatrician scientists within the field.