Alexander Feldman, DO

**Rutgers University Medical Science Building, F546**

**New Jersey Medical School 185 South Organ Ave.**

**Department of Pediatrics Newark, NJ 07111**

**Division of Neonatology**

**EMPLOYMENT**

2015-present Assistant Professor of Pediatrics Rutgers University – New Jersey

Division of Neonatology Medical School

Newark, NJ

**EDUCATION**

2005 – 2009 **DO** Medicine New York College of Osteopathic

Medicine of NYIT

Old Westbury, NY

2001 – 2004 **BA** Biology Yeshiva University New York, NY

**POST-DOCTORAL AND RESIDENCY TRAINING**

2012 – 2015 **Fellowship in** Maria Fareri Children’s Hospital

**Neonatal-Perinatal Medicine** Westchester Medical Center

Valhalla, NY

2009 – 2012 **Residency in Pediatrics** University of Medicine and Dentistry of

New Jersey

Newark, NJ

**PROFESSIONAL LICENSURE AND CERTIFICATION**

05/2015-present New Jersey State Medical License (25MB09684500)

2012 – present Board Certified in General Pediatrics, American Board Pediatrics (104669)

2010 – present New York State Medical License (264358)

2009 – present Provider, Neonatal Resuscitation Program (NRP)

**ADMINISTRATIVE ASSIGNMENTS AND RESPONSIBILITIES**

May 2014 – May 2015 **Chief Fellow, Neonatology**

Maria Fareri Children’s Hospital, Valhalla, NY

July 2013 – June 2014 **Neonatal-Maternal Fetal Medicine Liaison, Neonatology**

Maria Fareri Children’s Hospital, Valhalla, NY

July 2012 – June 2013 **Neonatal High Risk Follow up Coordinator, Neonatology**

Maria Fareri Children’s Hospital, Valhalla, NY

**MEMBERSHIP IN NATIONAL ACADEMIC AND PROFESSIONAL ORGANIZATIONS**

2009 – present Member, American Academy of Pediatrics (AAP)

2012 – present Member, American Thoracic Society

**RESEARCH PROJECTS**

2013 – present **Polymorphism of transcription factor AP2β is associated with the presence of a patent ductus arteriosus in extremely low birth weight infants**

DNA was isolated from buccal mucosal swabs and subjected to allelic discrimination using specific probes for polymorphism of TFAP2β during real-time PCR. In ongoing work, we are seeking to measure TFAP2β mRNA expression and to evaluate for an association with PDA.

2012 – 2016 **Factors and outcomes associated with the rewarming of hypothermic VLBW infants**

Retrospective cohort study describing an association between the time and rate of rewarming moderately hypothermic VLBW infants and neonatal outcome.

2011 **Characterization of severe asthma in children of inner city Newark: Altered response to toll like receptor agonists**

Cohort study describing the cytokine expression pattern of children with severe asthma as compared to control asthma patients. Decreased IL-10 production against recall antigens in severe asthma patients may be associated with prolonged inflammation.

**PEER REVIEWED PRESENTATIONS AT PROFESSIONAL MEETINGS**

Feldman A, Paudel U, Amin A, Parton LA. **Association of single nucleotide polymorphisms of hypoxia inducible factor 1α and retinopathy of prematurity.**

Poster presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2016

Pediatric Academic Society Meeting: Baltimore, MD 2016

Kurtz, KJ, Amin A, Feldman A, Paudel U, Parton LA. **Genetic variants of myosin light chain kinase are associated with BPD in ELBW infants.**

Poster presentation:

Pediatric Academic Society Meeting: Baltimore, MD 2016

Zylak A, Amin A, Feldman A, Paudel U, Hsu LJ, Parton LA. **The implication of ASB3 gene variants on the development of BPD.**

Poster presentation:

Pediatric Academic Society Meeting: Baltimore, MD 2016

Hsu LJ, Zylak A, Amin A, Feldman A, Paudel U, Parton LA. **The bone morphogenic protein receptor (BMPR) pathway is associated with the development of BPD in ELBW infants through the SMAD super family 1 (SMAD1).**

Poster presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2016

Pediatric Academic Society Meeting: Baltimore, MD 2016

Feldman A, Younis U, Kim LH, Paudel U, Parton LA. ***Are Genetic Variations of TFAP2β Associated with PDA in ELBW Infants?***

Poster presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015

Pediatric Academic Society Meeting: San Diego, CA 2015

Paudel U, Feldman A, Younis U, Kim L, Parton LA. ***Genetic Variation of Interleukin13 Gene is Associated with Bronchopulmonary Dysplasia in ELBW Infants.***

Platform presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015

Poster Presentation

Pediatric Academic Society Meeting: San Diego, CA 2015

Kim LH, Feldman A, Younis U, Paudel U, Parton LA. ***Genetic Variants of IL1RA Associated with Spontaneous Closure of the Ductus Arteriosus in ELBW Infants***.

Poster Presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015

Pediatric Academic Society Meeting: San Diego, CA 2015

Younis U, Kim LH, Feldman A, Paudel U, Parton LA. ***Genetic Variation of NFKappa Gene Protects from Bronchopulmonary Dysplasia in Extremely Low Birth Weight Infants***.

Poster Presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015

Pediatric Academic Society Meeting: San Diego, CA 2015

Stoops H, Kim L, Feldman A, Younis U, Paudel U, Parton LA. ***Endothelin A Receptor Genetic Variant Protects from Persistence of the Ductus Arteriosus.***

Platform presentation:

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015

Poster Presentation:

Pediatric Academic Society Meeting: San Diego, CA 2015

Hsu LJ, Kim LH, Feldman A, Younis U, Paudel U, Arawiran J, Parton LA. ***Do Genetic Variants of BMPRII Increase the Susceptibility to BPD in ELBW Infants?***

Poster Presentation:

Pediatric Academic Society Meeting: San Diego, CA 2015

Feldman A, Kim LH, Younis U, Paudel U, Parton LA. ***Is transcription factor AP2β polymorphism associated with patent ductus arteriosus closure in estemely low birth weight infants?***

Platform presentation:

New York Perinatal Society Meeting: New York City, NY 2014

Poster presentation:

Paul Woolf Research Day: Valhalla, NY 2014

Younis U, Feldman A, Kim LH, Paudel U, Chhabra D, Calo JM, Parton LA. ***Do Functional Genetic Variations of NFKBIA Increase Susceptibility To BPD?***

Poster presentation:

Pediatric Academic Society Meeting: Vancouver, Canada 2014 (E-PAS1534.588)

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2014

New York Perinatal Society Meeting: New York City, NY 2014

Feldman A, De Benedictis B, Kase JS. ***Factors and outcomes associated with the speed of rewarming hypothermic VLBW infants.***

Poster presentation:

Pediatric Academic Society Meeting: Washington DC 2013 (E-PAS2013:219)

Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2013

New York Perinatal Society Meeting: New York City, NY 2013

Paul Woolf Research Day: Valhalla, NY 2013

De Benedictis B, Feldman A, Kase JS. ***Safety and Potential Protective Benefits of Moderate or Mild Hypothermia in VLBW Infants.***

Poster presentation:

New York Perinatal Society Meeting: New York City, NY 2013

Paul Woolf Research Day: Valhalla, NY 2013

Feldman A, Rivera R, Geng L, Herbert-Grant M, Kreiswirth B, Jyonouchi H. ***Necrotizing Pulmonary Infection and Rib Osteomyelitis in a Patient with Suboptimal Anti-inflammatory Response.***

Poster presentation:

Federation of Clinical Immunologic Societies Meeting, Washington DC 2011.

Kapoor S, Geng L, Feldman A, Jyonouchi H. ***Characterization of severe asthma (SA) in children of inner-city of Newark: Altered responses to recall antigens and a panel of agonists of toll like receptors (TLR).***

Poster presentation:

American Association of Asthma, Allergy and Imunology Meeting, San Francisco, Ca 2011.

**AWARDS**

Meritoreous Reaserch Poster Award at the Eastern Society of Pediatric Research Meeting: Philadelphia, PA 2015.

**PEER REVIEWED PUBLICATIONS**

Feldman A, DeBenedictis B, Alpan G, Kase J. **Morbidity and Mortality Associate with Rewarming Hypothermic Very Low Birth Weight Infants.** *Journal of Neonatal-Perinatal Medicine,* Preliminary acceptanceMarch 2015.

La Gamma E, Feldman A, Mintzer J, Alpan G. **Transfusion Related Acute Gut Injury (TRAGI):**

**The Role of Red Blood Cell Storage.** *Neoreviews.* 2015; 16:7, e420-430.

Perez J, Feldman A, Alpan G. **Treating Hypoxic Ischemic Encephalopathy Hypothermia.** *Neoreviews.* 2015; 16:7, e413-419.

**OTHER PUBLICATIONS**

Feldman A, Kirtok N. ***High Flow Nasal Cannula: A Review of the Data****.* The Perinatal Gazette – Newsletter of the Regional Perinatal Center, Maria Fareri Children’s Hospital at Westchester Medical Center. 2014 July; 14 (2): 1 – 4.