**SANDRA EVE REZNIK, M.D., Ph.D.**

Department of Pharmaceutical Sciences

College of Pharmacy and Health Sciences

St. John’s University

Jamaica, NY 11439

Tel: (718) 990-2634

E-mail: rezniks@stjohns.edu

EDUCATION

 1980-1984 Harvard University, Cambridge, MA

 A.B. in Biology, Cum Laude 1984

1984-1991 Mount Sinai School of Medicine, New York, NY

 M.D., Ph.D. 1991 (Ph.D. In Pharmacology)

POST-GRADUATE TRAINING

 1991-1994 House Officer in Anatomic Pathology

 New York Hospital/Cornell University Medical Center

1994 Chief Resident in Pathology

 New York Hospital/Cornell University Medical Center

* 1. Arthur Purdy Stout Society Fellow in Surgical Pathology

 Montefiore Medical Center/AECOM

1997-1998 Fellow in Perinatal Pathology

 Montefiore Medical Center/AECOM

PROFESSIONAL APPOINTMENTS

1998-present Attending Physician

Department of Pathology

Montefiore Medical Center, Bronx, NY

1998-present Assistant Professor (Promotion to Associate Professor expected in

 July 2019)

Department of Pathology

Albert Einstein College of Medicine, Bronx, NY

1999-present Assistant Professor (Promotion to Associate Professor expected in

 July 2019)

Department of Obstetrics and Gynecology and Women’s Health

Albert Einstein College of Medicine, Bronx, NY

2004-2016 Associate Professor

 Department of Pharmaceutical Sciences

 College of Pharmacy and Allied Health Professions

 St. John’s University, Jamaica, NY

2009-present Director, Perinatal Pathology Section

Department of Pathology

Montefiore Medical Center, Bronx, NY

2016-present Professor

 Department of Pharmaceutical Sciences

 College of Pharmacy and Allied Health Professions

 St. John’s University, Jamaica, NY

AWARDS AND HONORS

 Mentored Clinical Scientist Development Award (NIH K08), 1998-2004

 New York Obstetrical Society Research Fellow Award (Mentor), 2003

 NIH Pregnancy and Neonatology Study Section, *Ad Hoc* Member, 2008, 2009, 2016

St. John’s University Faculty Recognition Awards for Research, 2010-2011, 2011-2012, 2012-2013, 2013-2014, 2014-2015, 2015-2016, 2016-2017, 2017-2018

 Lumara Health Research Grant Award, 2015

 Preterm Birth International Collaborative, Invited Member, 2018-

GRANTS

1) MMC-AECOM Department of Pathology Grant

Title: A Common Pathway to Increased Risk of Perinatal Morbidity and Mortality: The Association of Endothelin-Converting Enzyme, Enkephalinase and Endothelin-1 with Compromise of Uteroplacental Circulation and Pre-Term Labor

Dates: 1997

Total Costs: $1,689

Role: Principal Investigator

2) NIH Grant: 5K08 HD 01209

 Title: Peptide Processing Enzymes in the Placenta

 Dates: April 1, 1998-April 30, 2002, October 1, 2003-February 28, 2005

 Total Costs: $425,790

 Role: Principal Investigator

3) St. John’s University Seed Grant

 Title: Differential Gene Expression in Infection-Associated Preterm Labor:

 Generation of a Human Gene Expression Bank from a Murine Model,

 Phase I

 Dates: June 1, 2005 – November 30, 2005

 Total Costs: $5000

Role: Principal Investigator

1. St. John’s University Support of Summer Research Grant

Title: Differential Gene Expression in Preterm Labor

Dates: May 10, 2006-August 28, 2006

Total Costs: $7000

Role: Principal Investigator

1. St. John’s University Seed Grant

 Title: Differential Gene Expression in Infection-Associated Preterm Labor:

 Generation of a Human Gene Expression Bank from a Murine Model,

 Phase II

 Dates: June 1, 2007 – May 31, 2008

 Total Costs: $5000

Role: Principal Investigator

1. St. John’s University Seed Grant

Title: Effect of Novel Endothelin Receptor Antagonists on Murine Models of

 Preterm Birth and Cerebral Malaria

Dates: June 1, 2009-May 31, 2010

Total Costs: $5000

Role: Principal Investigator

1. St. John’s University Seed Grant

Title: Pregnancy Associated Plasma Protein A2: A Novel Biomarker for

 Trisomy 21

Dates: June 1, 2010-May 31, 2011

Total Costs: $5000

Role: Principal Investigator

8) NIH Grant: 1R01NS069577

 Title: Cerebral Malaria: Mechanisms of Disease and Neurological Salvage

 Dates: April 15, 2011-April 14, 2016

 Total Costs: (Sub-award) $297,000

 Role: Co-Investigator

9) St. John’s University Seed Grant

 Title: N, N-Dimethylacetamide Prevents Infection-Associated Preterm Birth

 Dates: June 1, 2012-May 31, 2013

 Total Costs: $5000

 Role: Principal Investigator

10) St. John’s University Seed Grant

 Title: N, N-Dimethylacetamide Suppresses Inflammation by Producing Epigenetic Changes

 Dates: June 1, 2013-May 31, 2014

 Total Costs: $5000

 Role: Principal Investigator

11) St. John’s University Seed Grant

 Title: Defining the Role of Endothelin-1 in Infection-Associated Preterm Birth,

 Using a Human Placental Ex Vivo Model

 Dates: June 1, 2014-May 31, 2015

 Total Costs: $5000

 Role: Principal Investigator

12) St. John’s University Seed Grant

 Title: The Effect of N,N-Dimethylacetamide on Nuclear Factor Kappa B

 Dates: June 1, 2015-May 31, 2016

 Total Costs: $5000

 Role: Principal Investigator

13) Lumara Health (AMAG) Research Grant Award

Title: Investigation of the Anti-Inflammatory and Potential Tocolytic Activities of N,N-Dimethylacetamide-Related Compounds Using *In Vitro*

 and *Ex Vivo* Models

Dates: December 1, 2015-November 30, 2016

Total Costs: $25,000

Role: Principal Investigator

14) Nassau Health Care Corporation Contract

 Title: Novel Approaches to Trauma-Induced Pro-inflammatory Responses

 Dates: December 16, 2016-October 14, 2019

 Total Costs: $45,000

 Role: Principal Investigator

15) St. John’s University Seed Grant

 Title: N,N-Diethylacetamide and N,N-Dipropylacetamide for Inflammatory

 Bowel Disease

 Dates: June 1, 2018-May 31, 2019

 Total Costs: $2,500

 Role: Principal Investigator

16) Vifor Pharma Grant

 Title: OM-85 for the Reversal of High Fat Diet Induced Gut Dysbiosis

 Dates: July 17, 2018-July 31, 2021

 Total Costs: $150,000

 Role: Principal Investigator

PATENTS

1) Reznik, SE. The Use of Endothelin-Converting Enzyme-1 Inhibitors and

Endothelin-1 Receptor Antagonists in the Control of Preterm Labor, Invention Disclosure P-459, approved by Einstein Committee on Patents, March 26, 2002.

1. Cantor J and Reznik SE. Intratracheal Administration of Endothelin Receptor

 Antagonists For the Treatment of Respiratory Disorders, 2006, provisional patent

 application.

1. Cantor J and Reznik SE. Intratracheal Administration of

 Endothelin-Converting Enzyme Inhibitors for the Treatment of Respiratory

 Disorders, 2006, provisional patent application.

1. Cantor JO, Reznik S and Bhavsar T. US Patent 11/824,860. Intratracheal

 Administration of Endothelin-Suppressing Agents for the Treatment of

 Respiratory Disorders, 2007, pending.

1. Stephani R, Patel H., Reznik SE and Cantor JO. Synthesis of 1,3,6-

 Trisubstituted-2-Carboxy-Quinol4-ones as Selective ETA Antagonists, 2007,

 provisional patent application.

1. Stephani R, Patel H., Reznik SE and Cantor JO. US Patent 12/283,215. Synthesis

 of 1,3,6-Trisubstituted-2-Carboxy-Quinol-4-ones as Selective ETA Antagonists

 and Their Use As Medicaments, 2008, pending.

1. Reznik SE and Gross SJ. US 61/359,568. Method For Detecting Chromosomal

 Abnormalities Using Pregnancy Associated Plasma Protein A2 Levels, 2010,

 provisional patent application.

8) Reznik SE and Gross SJ. US Patent 13/068,712; PCT/IB2011/001146. Plasma

 Protein A2 (PAPP-A2) As a Marker for Detecting Risk for Chromosomal

 Abnormalities, 2011, pending.

9) Reznik SE and Ashby CR. Sphingosine Kinase Inhibition for the Treatment and Prevention of Obstetrical Disorders, 2013, provisional patent application.

10) Reznik SE and Ashby CR. US 61/964,127. Sphingosine Kinase Inhibition for the Treatment and Prevention of Obstetrical Disorders, 2014, pending.

INVITED LECTURES

1) The Role of Endothelin-1 in Preterm Labor and Its Inhibition by Novel 1,3,6-Trisubstituted 4-Quinolone ETA Receptor Antagonists. American Chemical Society Address (2008).

2) From Mice to Microarrays: Identifying the Key Players in Infection-Associated

 Preterm Birth. Department of Applied Sciences, Winthrop University Hospital,

 Mineola, NY Seminar (2010).

3) The Mechanism of Action of Plan B. Press Conference, Columbus, OH (2010).

4) The Mechanism of Action of Plan B. Brown Bag Presentation to Ohio Legislature. (2010).

5) The Mechanisms of Action of Mifepristone, Ulipristal and Levonorgestrel. NARAL Pro-Choice New York / National Institute for Reproductive Health

Teleconference. (2010).

6) Dimethylacetamide Controls Infection-Associated Preterm Birth in a Murine

 Model: An Accidental Discovery. Department of Applied Sciences, Winthrop

 University Hospital Research Institute, Mineola, NY Seminar (2011).

7) Novel Approaches to Inflammation-Associated Preterm Birth. Department of

 Pediatrics, Feinstein Institute for Medical Research, Manhasset, NY Seminar

 (2015).

8) The Organ That Determines Our Future: Environmental Effects on the Placenta.

 CDC/NIOSH Seminar (2017).

9) An Accidental Discovery: N,N-Dimethylacetamide and Its Analogs for the

 Prevention of Inflammation Driven Preterm Birth. Society for Reproductive

 Investigation’s Joint Preterm Birth International Collaborative and

 Myometrium/Parturition Satellite Symposium Lecture (2018).

10) The Treasure Under Our Noses: N,N-Dimethylacetamide and Its Analogs for the Prevention of Preterm Birth. Preterm Birth International Collaborative North American Branch Inaugural Meeting Lecture (2018).

INTRAMURAL PRESENTATIONS:

* + 1. Reznik SE and Montefiore Medical Center Pathology Residents, Neonatology

 Morbidity and Mortality Conferences, monthly presentations (1997-present).

2) Reznik S, Fricker L, Berman J and Salafia CM. Immunocytochemical Localization of Endothelin-Converting Enzyme-1 in Term, Pre-Term Laboring and Pre-Term Non-laboring Placentae, A Pilot Study. Department of Pathology, Montefiore Medical Center, poster presentation (1997).

3) Reznik SE. Physiology and Pathology of the Placenta. Annual Lecture presented to Albert Einstein College of Medicine medical students (1998-present).

4) Reznik SE. Placental Pathology and the Perinatal Autopsy. Annual Lecture presented to Montefiore Medical Center PGY1 residents (1998-present).

5) Reznik S, Salafia CM and Fricker LD. Carboxypeptidases D and Z in the Placenta and Umbilical Cord. Young Investigator Symposium, Montefiore Medical Center, opening presentation (1998).

6) Reznik S, Salafia CM and Fricker LD. The Distribution of Carboxypeptidases E and D in the Placenta and Umbilical Cord. Department of Pathology, Montefiore Medical Center, poster presentation (1998).

7) Reznik, SE. Placental Metalloendopeptidases. Department of Pathology, Montefiore Medical Center, resident seminar (2000).

8) Wu DW, Masterson J and Reznik SE. Extramedullary Hematopoiesis in the Fetal Epicardium. Department of Pathology, Montefiore Medical Center, poster presentation (2001).

9) Saksenberg V and Reznik SE. Massive Acute Thymic Hemorrhage and Cerebral Hemorrhage in an Intrauterine Fetal Demise. Department of Pathology, Montefiore Medical Center, poster presentation (2001).

1. Vu T-D, Khabele D, Kucherlapati R and Reznik S. cDNA Microarray Analysis

of Differential Expression of Human Placental Genes in Labor. Pathology

 Department Research Retreat, Montefiore Medical Center/Albert Einstein College of Medicine, poster presentation (2001).

11) Reznik SE. Metalloproteinases and Preterm Labor. St. John’s University

 Faculty Research Forum, Powerpoint presentation (2005).

12) Reznik SE. Matrix-Metalloproteinase-1 in Full-term and Preterm Labor. St.

 John’s University College of Pharmacy Research Day, poster presentation (2005).

13) Why Become an MD/PhD? Watson Pre-Health Honor Society Address. St.

 John’s University (2006).

14) Reznik SE. Matrix-Metalloproteinase-1 in Full-term and Preterm Labor. St.

 John’s University Faculty Research Forum, poster presentation (2006).

15) McLemore MS and Reznik SE. From 1995-2006: Risk Factors for Intra-Uterine

 Fetal Demise (IUFD) in the Bronx, NY. Montefiore Medical Center/Albert

 Einstein College of Medicine, Department of Pathology Presentation (2007).

16) McLemore MS, Jasani N, Pal S, Steinberg JJ and Reznik SE. An Evaluation of Risk Factors for Intra-Uterine Fetal Demise (IUFD) in the Bronx, NY from

 1995-2006. St. John’s University Faculty Research Forum (2007).

17) Chen, C-H, Yen H, Wang W and Reznik SE. Differential Expression of Placental

 Genes in a Mouse Model of Infection-Associated Preterm Labor. St. John’s

 University Faculty Research Forum (2007).

18) McLemore MS, Jasani N, Pal S, Steinberg JJ and Reznik SE. An Evaluation of Risk Factors for Intra-Uterine Fetal Demise (IUFD) in the Bronx, NY from

 1995-2006. St. John’s University Student Research Poster Day (2007).

19) Chen, C-H, Yen H, Wang W and Reznik SE. Differential Expression of Placental

 Genes in a Mouse Model of Infection-Associated Preterm Labor. St. John’s

 University Student Poster Day (2007).

20) McLemore MS, Pal S, Steinberg JJ and Reznik SE. From 1995-2006: An

 Evaluation of Risk Factors for Intra-Uterine Fetal Demise (IUFD) in the Bronx,

 NY. St. John’s University College of Pharmacy Research Day, poster

 Presentation (2007).

21) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Vasculopathic Risks for

 Intrauterine Fetal Demise in the Bronx, New York. St. John’s University

 College of Pharmacy Research Day, poster presentation (2007).

22) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Maternal Risk Factors

 for Stillbirth in the Bronx, New York. St. John’s University College of Pharmacy

 Research Day, poster presentation (2007).

23) Patel H, Wang W, Olgun N, Reznik SE and Stephani R. Synthesis of

 1,3,6-Trisubstituted-2-Carboxy-Quinol-4-ones as Selective ETA Antagonists and

 Their Role in Controlling Preterm Labor in a Mouse Model. St. John’s University

 College of Pharmacy Research Day, poster presentation (2007).

24) Olgun N, Patel HJ, Yen H, Wang W, Stephani R and Reznik SE. The Effect of (3

 Carboxybenzyl)-1-((6-ethylbenzo[d][1,3]dioxol-5-yl)methyl)-6-hydroxy-4-oxo-

 1,4-dihydroquinoline-2-carboxylic acid (HJP279), a Putative Novel Selective ETA

 Receptor Antagonist (ETA-RA), on Infection-Mediated Premature Delivery. St.

 John’s University Faculty Research Forum, poster presentation (2008).

25) McLemore MS, Pal S, Steinberg JJ and Reznik SE. Risk Factors for Intrauterine

 Fetal Demise (IUFD) in the Bronx, NY from 2000-2006. St. John’s University

 Faculty Research Forum, poster presentation (2008).

26) McLemore MS, Pal S, Steinberg JJ and Reznik SE. Risk Factors for Intrauterine

 Fetal Demise (IUFD) in the Bronx, NY from 2000-2006. St. John’s University

 College of Pharmacy Research Day, poster presentation (2008).

27) Patel HJ, Reznik SE, Lengyel I and Stephani R. Design, Synthesis and Structural Activity Relationship of 1,3,6-Trisubstituted-4-oxo-1,4,-dihydroquinoline-2-carboxylic Acid as Selective ET-A Antagonists for Prevention of Preterm Labor (PTL). St. John’s University College of Pharmacy Research Day, poster presentation (2008).

28) From Mice to Microarrays: Identifying the Key Players in Infection-Associated

 Preterm Birth. St. John’s University Department of Biological Sciences Doctoral

 Seminar (2009).

29) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. St. John’s University Faculty Research Forum, poster presentation

 (2009).

30) Olgun N, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. St. John’s University Student Poster Day (2009).

31) Madankumar R, Munnangi S, Chen C-H, Yen H, Wang W, Gross SJ and Reznik

 SE. Up-regulation of the Interleukin-1 Beta (IL-1)—Tumor Necrosis Factor

 Alpha (TNF-) Pathway in aMouse Model of Infection-Associated Preterm

 Labor. St. John’s University Faculty Research Forum, poster presentation (2009).

32) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. St. John’s University Faculty Research Forum, poster presentation

 (2009).

33) Madankumar R, Munnangi S, Chen C-H, Yen H, Wang W, Gross SJ and Reznik

 SE. Up-regulation of the Interleukin-1 Beta (IL-1)—Tumor Necrosis Factor

 Alpha (TNF-) Pathway in aMouse Model of Infection-Associated Preterm

 Labor. St. John’s University Student Poster Day (2009).

34) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. St. John’s University Student Poster Day (2009).

35) Olgun NS, Stephani R, Patel H and Reznik SE. A Series of Novel 1-3-6-

 Trisubstituted-2-Carboxy-Quinol-4-One Endothelin-A Antagonists. St. John’s

 University College of Pharmacy Research Day, poster presentation (2009).

36) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity

 of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a

 Mouse Model. St. John’s University College of Pharmacy Research Day, poster

 presentation (2009).

37) Non-traditional Roles For MD’s. Watson Pre-Health Honor Society Address. St.

 John’s University (2009).

38) From Mice to Microarrays: Identifying the Key Players in Infection-Associated

 Preterm Birth. St. John’s University PharmD Freshmen Presentation (2009).

39) Munnangi S, Madankumar R, Alimchandani M, Varghese A, Gross SJ and

 Reznik SE. Pregnancy Associated Plasma Protein-A2: A Novel Biomarker For

 Down Syndrome. St. John’s University Faculty Research Forum, poster

 presentation (2010).

40) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. St. John’s University Faculty Research Forum, poster

 presentation (2010).

41) Munnangi S, Madankumar R, Alimchandani M, Varghese A, Gross SJ and

 Reznik SE. Pregnancy Associated Plasma Protein-A2: A Novel Biomarker For

 Down Syndrome. St. John’s University Student Poster Day (2010).

42) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. St. John’s University Student Poster Day (2010).

43) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. St. John’s University College of Pharmacy Research

 Day, poster presentation (2010).

44) Pregnancy Associated Plasma Protein-A2: A Novel Biomarker For Down

 Syndrome. Research Seminar at St. John’s University (2010).

45) Grant Writing: War Stories and Advice. St. John’s University Faculty Writing

 Initiative Event (2011).

46) Infection Associated Preterm Birth. St. John’s University Women in Science

 Presentation (2011).

47) Abhichandani K, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE.

 Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. St.

 John’s University Faculty Research Forum, poster presentation (2011).

48) Sundaram S, Ashby C, Abhichandani K, Munnangi S and Reznik SE.

 N, N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a

 Murine Model. St. John’s University Faculty Research Forum, poster presentation

 (2011).

49) Sundaram S, Ashby C, Abhichandani K, Munnangi S and Reznik SE.

 N, N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a

 Murine Model. St. John’s University Student Research Day, poster presentation

 (2011).

50) Olgun NS, Patel HJ, Vyas V, Stephani RA, Hanna N and Reznik SE. Endothelin-

 A Receptor Antagonists Shut Down Preterm Labor in.the Animal Model: A Look

 at Altered Gene Expression. St. John’s University Faculty Research Forum, poster

 presentation (2012).

51) Olgun NS, Patel HJ, Vyas V, Stephani RA, Hanna N and Reznik SE. Endothelin-

 A Receptor Antagonists Shut Down Preterm Labor in.the Animal Model: A

 Look at Altered Gene Expression. St. John’s University Student Research Day,

 poster presentation (2012).

52) Sundaram S, Ashby C, Abhichandani K, Munnangi S, Reznik SE. N,N-

 Dimethylacetamide (DMA) Prevents Preterm Birth in a Murine Model By Up-

 Regulating Interleukin 10 (IL-10). St. John’s University Student Research Talk

 (2012).

53) Preterm Birth: Why Placentas are Submitted. Montefiore Medical Center

 Pathology Laboratory Week Lecture (2012).

54) Women’s History Month STEM Panelist. St. John’s University Women in

 Science Panel Discussion (2013).

55) Watson Honor Society Address. St. John’s University (2013).

56) Donepudi R, Mahajan Prathamesh, Einstein F and Reznik SE. The Role of

 Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−Inflammatory

 Cytokines. St. John’s University Faculty Research Forum, poster

 presentation (2013).

57) Donepudi R, Mahajan Prathamesh, Einstein F and Reznik SE. The Role of

 Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−inflammatory

 Cytokines. St. John’s University Student Research Day, poster presentation

 (2013).

58) Reznik SE. Placental Pathology. Lecture to Montefiore Medical Center/Albert

 Einstein College of Medicine pathology residents (2013).

59) St. John’s University Grants Mentoring Program Invited Speaker (2013).

60) Vyas V, Ashby CR, Olgun NS, Sundaram S, Salami O, Munnangi S, Pekson R

 and Reznik SE. Inhibition of Sphingosine Kinase Prevents Inflammation-

 Associated Preterm Birth in a Murine Model by Suppressing Pro-inflammatory

 Responses. St. John’s University Faculty Research Forum, poster presentation

 (2014).

61) Vyas V, Ashby CR, Olgun NS, Sundaram S, Salami O, Munnangi S, Pekson S

 and Reznik SE. Inhibition of Sphingosine Kinase Prevents Inflammation-

 Associated Preterm Birth in a Murine Model by Suppressing Pro-inflammatory

 Responses. St. John’s University Student Research Day, poster presentation

 (2014).

62) Pekson R, Gorasiya S, Poltoratsky V, Vancurova I and Reznik SE. The Anti-

 inflammatory Action of N,N-Dimethylacetamide. St. John’s University Faculty

 Research Forum, poster presentation (2015).

63) Tariq A, Naeem T, Pak S and Reznik SE. The Role of Gabapentin in

 Neuropathic Pain Management of Spinal Cord Injuries. St. John’s University

 Student Research Day, poster presentation (2015).

64) St. John’s University AHA Red Dress Gala Guest Speaker (2015).

65) Faculty Research Forum Guest Speaker (2015).

66) The Organ That Determines the Future: Current Concepts in Placental Pathology. Montefiore Medical Center/Albert Einstein College of Medicine, Department of Obstetrics and Gynecology and Women’s Health, Division of Maternal Fetal Medicine Talk (2016).

67) Pekson R, Poltoratsky V, Gorasiya S, Sundaram S, Ashby CR, Vancurova I and Reznik SE. N,N-Dimethylacetamide Regulates Pro-Inflammatory Cytokine Secretion in RAW 264.7 Cells and Human Placental Explants by Inhibition of Nuclear Factor Kappa B. St. John’s University Faculty Research Forum/Student Research Day (2016), poster presentation.

68) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Prevents Tumor Necrosis Factor Alpha Induced Preterm Birth in a Murine Model. St. John’s University Faculty Research Forum/Student Research Day (2016), poster presentation.

69) Gorasiya S and Reznik SE. The Role of Extracellular Heat Shock Protein (HSP) 70 in the Regulation of Inflammatory Cytokines in Human Placenta and Primary Trophoblasts. St. John’s University Student Research Day (2016), poster presentation.

70) Reznik SE. Graduate Orientation Welcoming Address, Department of Pharmaceutical Sciences, St. John’s University (2016).

71) Manuel C and Reznik SE. Pre-maternal High-fat Diet Consumption Initiates Preterm Birth by Potentiating the Actions of Lipopolysaccharide At Toll-like Receptor 4 and Decreasing Utero-placental Antioxidant Capacity. St. John’s University Research Day (2017), poster presentation, best poster award.

72) Gorasiya S, Mushi J, Yoganathan S and Reznik SE. Anti-Inflammatory Activity of N,N-Diethylacetamide (DEA) and N,N-Dipropylacetamide (DPA) In In Vitro and Ex Vivo Models of Inflammation-Induced Preterm Birth. St. John’s University Research Day (2017), oral presentation.

73) The Placenta: Protector, Provider, Predictor of our Futures. Montefiore Medical Center Pathology Laboratory Week Lecture (2017).

74) Koya J, Shen T, Ashby CR and Reznik SE. N,N-Dimethylacetamide Regulates Pro-inflammatory Cytokine and Chemokine Secretion in Human Intestinal Epithelial Cells and Monocytes by Inhibition of Nuclear Factor Kappa B. St. John’s University Research Day (2018), poster presentation.

75) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Attenuates the Pro-Inflammatory Response in In-Vivo and In-Vitro Models of Inflammation Induced Preterm Birth. St. John’s University Research Day (2018), poster presentation.

76) Jacob J, Reznik SE, Reidy K, Kohlberg RH, Winkler CA, Kopp J, Davis RL, Simpson C and Rosenberg A. Does APOL1 Status Correlate with a Distinct Histopathologic Pattern in the Placenta? Pathology Department Research Retreat, Montefiore Medical Center/Albert Einstein College of Medicine, poster presentation (2018).

77) Novel Approaches to Preventing Preterm Birth. Montefiore Medical Center/Albert Einstein College of Medicine, Department of Pediatrics, Division

 of Neonatology Grand Rounds (2018).

REGIONAL PRESENTATIONS:

1) Reznik, SE. Perinatal Intracranial Hemorrhage: A Series of Five Cases. Tri-State Pediatric Pathology Society, case presentation (2001).

2) Reznik, SE. An Unusual Case of Cystic Hygroma vs. Fat Necrosis. Tri-State Pediatric Pathology Society, case presentation (2002).

3) Koscica K, Sylvestre G and Reznik SE. Control of Preterm Labor Through

 Blockade of the Endothelin-Converting Enzyme-1/Endothelin-1 Pathway in a

 Mouse Model. New York Obstetrical Society, Research Fellow Award

 Presentation (2003).

4) Patki M, Giusto K, Reznik SE and Patel K. Vaginal Delivery of Liquisolid Formulation of Hydroxyprogesterone Caproate and Dimethylacetamide for the Treatment of Preterm Labor. American Association of Pharmaceutical Scientists, Northeastern Division Regional Meeting, oral presentation (2017).

5) Manuel CR and Reznik SE. Endotoxin Tolerance Protects High Fat Diet Mice From Preterm Delivery. New England Science Symposium at Harvard Medical School, poster presentation (2018).

6) De Vera AA, Gupta P, Lei Z, Liao D, Reznik SE and Chen Z-S. Immuno-oncology Agent IPI-549 is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-mediated Multidrug Resistance (MDR) in Cancer Cells. Frontiers in Cancer Immunotherapy, New York Academy of Sciences, poster presentation (2018).

7) Giusto K, Patki M, Patel K and Reznik SE. A Vaginal Nanoformulation of SKII Rescues Mice From Lipopolysaccharide Induced Preterm Birth With No Major Teratogenic Effects. Dr. Charles I. Jarowski Industrial Pharmacy Symposium, poster and platform presentations (2018).

1. Koya J, Shen T, Ashby CR and Reznik SE. N,N-Dimethylacetamide Regulates Pro-inflammatory Cytokine and Chemokine Secretion in Human Intestinal Epithelial Cells and Monocytes by Inhibition of Nuclear Factor Kappa B. Dr. Charles I. Jarowski Industrial Pharmacy Symposium, poster presentation (2018).
2. De Vera AA, Gupta P, Lei Z, Liao D, Reznik SE and Chen Z-S. Immuno-oncology Agent IPI-549 is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-mediated Multidrug Resistance (MDR) in Cancer Cells. Dr. Charles I. Jarowski Industrial Pharmacy Symposium, poster presentation (2018).

10) Acosta-Martinez M, Yang L, Manuel CR and Reznik SE. Palmitic Acid Induces

 the Secretion of Placental Exosome-like Vesicles Containing Pro-inflammatory

 miRNAs. Extracellular Vesicles in Diagnostics and Therapeutics Conference, New

 York Academy of Sciences, poster presentation (2019).

NATIONAL PRESENTATIONS:

1) Lögdberg L, Badve S, Berggärd T, Reznik S, Akerstrom B and Salafia CM. Placental 1-Microglobulin-Expression. A Part of the “Placental Sponge” at Sites of Syncytial Injury. American Society of Reproductive Immunology, poster presentation (1998).

2) Goldberg Y, Sachs G, Reznik SE, Sakaris A, Bernstein PS, Powers JF, Tsipouras P and Gross SJ. Prenatal Sonographic Diagnosis of Grebe Syndrome at 21 Weeks Gestation. American Board of Medical Genetics, poster presentation (2001).

1. Shanske AL, Pande S, Aref K, Vega-Rich C, Reznik S and Timor-Tritsch, IE. Limb-Body Wall Complex in Triplet Pregnancy After IVF and CVS. American Society of Human Genetics, poster presentation (2001).

4) Klugman SD, Khabele D, Liang J, Livne K, Lopez-Jones M, Reznik SE and

 Gross SJ. Expression of Keratin 8 and TRAIL in Down Syndrome Placentae.

 American Society of Human Genetics, platform presentation (2004).

5) McLemore MS, Pal S, Steinberg JJ and Reznik SE. From 1995-2006: An

 Evaluation of Risk Factors for Intra-Uterine Fetal Demise (IUFD) in the Bronx,

 NY. American Society of Investigative Pathology (FASEB), poster presentation

 (2007).

6) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Vasculopathic Risks for

 Intrauterine Fetal Demise in the Bronx, New York. American Society of

 Investigative Pathology (FASEB), poster presentation (2007).

7) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Maternal Risk Factors

for Stillbirth in the Bronx, New York. American Society of Investigative Pathology (FASEB), poster presentation (2007).

8) McLemore MS, Pal S and Reznik SE. From 1997-2006: Placental Risk Factor for Stillbirth in the Bronx, NY. American Society of Investigative Pathology (FASEB), poster presentation (2008).

1. McLemore MS, Pal S and Reznik SE. Fetal Risk Factors for Intra-Uterine

 Demise (IUFD) in the Bronx, NY from 1997-2006. American Society of

 Investigative Pathology (FASEB), poster presentation (2008).

1. Patel HJ, Reznik SE, Lengyel I and Stephani R. Design, Synthesis and

Structural Activity Relationship of 1,3,6-Trisubstituted-4-oxo-1,4,-dihydroquinoline-2-carboxylic Acid as Selective ET-A Antagonists for Prevention of Preterm Labor (PTL). American Chemical Society, poster presentation (2009).

1. Madankumar R, Munnangi S, Chen, C-H, Yen H, Wang W and Reznik SE.

 Differential Expression of Placental Genes in a Mouse Model of Infection-

 Associated Preterm Labor. American College of Medical Genetics, poster

 presentation (2009).

12\_ Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. Mid-Atlantic Society of Toxicology, poster presentation (2009).

13) Olgun NS, Arita Y, Gurzenda EM, Koo H-C, Peltier MR, Reznik SE and Hanna

 N. Placental Infection Induces Endothelin-1 Expression in Mid-Trimester

 Placental Explants. American Society of Reproductive Immunology, poster

 presentation (2013).

14) Smith C, Maidhof W, Reznik SE, Conry J, Kruger D, Beysolow S, Wu W, Murphy C and Etzel J. An Educational Model to Expand Interprofessional Education and Practice. Association of Schools of Allied Health Professions, poster presentation (2013).

15) Mahajan P, Donepudi R, Einstein F and Reznik SE. The Role of Endothelin-1 in Endotoxin-Triggered Release of Placental Pro-inflammatory Cytokines. American Society of Reproductive Immunology, poster presentation (2014).

16) Sundaram S, Ashby CR and Reznik SE. N,N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a Murine Model. American Society of Reproductive Immunology, poster presentation (2014).

17) Mahajan P, Donepudi R, Einstein F and Reznik SE. The Role of Endothelin-1 in Endotoxin-Triggered Release of Placental Pro-inflammatory Cytokines. Graduate Research Association of Students in Pharmacy, poster presentation (2014).

18) Sundaram S, Ashby CR and Reznik SE. N,N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a Murine Model. Graduate Research Association of Students on Pharmacy, poster presentation (2014).

19) Hjorten RC, Rosenblum S, Myrie J, Ruiz BL, Suzuki M, Reznik SE, Winkler CA, Kopp JB, Kaskel FJ and Reidy KJ. Mother and Baby Apol1 High Risk Alleles in Births Complicated by Preeclampsia. American Society of Nephrology, poster presentation (2016).

20) Reidy K, Hjorten R, Simpson C, Rosenberg A, Rosenblum SD, Kovesdy C, Tylavsky F, Myrie J Ruiz B, Mozhui K, Haque S, Suzuki M, Reznik SE, Kaskel F, Kopp JB, Winkler CA and Davis RL. Fetal but not Maternal APOL1 Genotype is Associated with Increased Risk for Preeclampsia among African-Americans. American Association of Nephrology, poster presentation (2017).

21) Patki M, Gorasiya S, Giusto K, Reznik SE and Patel K. Hydroxyprogesterone and Dimethylacetamide Co-loaded Self Nanoemulsifying Vaginal Tablet for the Treatment of Preterm Labor. American Association of Pharmaceutical Scientists, poster presentation (2018).

22) Patki M, Giusto K, Reznik SE and Patel K. Vaginal Nanoformulation of 17-Hydroxyprogesterone Prevents LPS-Induced Preterm Birth in Mice. Graduate Research Association of Students on Pharmacy, poster presentation, first place prize (2018).

23) Acosta-Martinez R, Yang L, Manuel CR and Reznik SE. Palmitic Acid Induces

 the Secretion of Placental Exosome-like Vesicles Containing Pro-inflammatory

 miRNAs. American Society for Cell Biology, poster presentation (2018).

24) Patki M, Giusto K, Ashby CR, Munnangi S, Patel K and Reznik SE. Vaginal Nano-formulation of a Sphingosine Kinase Inhibitor: A Novel Therapeutic Intervention for the Prevention of Preterm Labor. Scientista Symposium, poster presentation (2019), poster presentation.

INTERNATIONAL PRESENTATIONS:

1) Reznik S, Fricker LD and Salafia CM. Metallocarboxypeptidases in the Placenta. Society of Gynecologic Investigation, poster presentation (1998).

2) Reznik S, Fricker LD and Salafia CM. Endothelin-Converting Enzyme-1 (ECE-1) in the Placenta. Society of Gynecologic Investigation, poster presentation (1998).

3) Reznik S, Salafia CM and Fricker LD. Carboxypeptidase D and Carboxypeptidase Z in the Placenta. International Association of Pathologists, poster presentation (1998).

4) Reznik S, Salafia CM and Fricker LD. The Distribution of Carboxypeptidases E and D in the Placenta and Umbilical Cord. Gordon Research Conference, poster presentation (1998).

5) Sylvestre G, Kilic G and Reznik S. Altered Expression of Chorionic Villous Endothelin-Converting Enzyme-1 in Laboring versus Non-laboring Placentae. Society of Gynecologic Investigation, poster presentation (2000).

6) Sylvestre G, Kilic G and Reznik S. The Endothelin-Converting Enzyme-1/ Endothelin-1 Pathway in Labor. Gordon Research Conference, poster presentation (2000).

7) Sylvestre G and Reznik S. The Endothelin-Converting Enzyme-1/ Endothelin-1 Pathway in an Animal Model of Preterm Labor. Society of Maternal Fetal Medicine, poster presentation (2001).

1. Reznik SE and Fricker LD. Carboxypeptidase Z, a Frizzle Domain Containing Protein, Is Dynamically Expressed in Development and Interacts With Wnt 3a. Wnt Conference, poster presentation (2001).

9) Koscica K, Sylvestre G and Reznik SE. Control of Preterm Labor Through Blockade of the Endothelin-Converting Enzyme-1/Endothelin-1 Pathway in a Mouse Model. Society of Maternal Fetal Medicine, oral platform presentation

 (2003).

10) Koscica K and Reznik SE. The Effect of a Matrix Metalloproteinase-1(MMP1) Inhibitor on Inflammation-Mediated Preterm Delivery in a Mouse Model. Society of Maternal Fetal Medicine, plenary talk (2004).

11) McLemore MS and Reznik SE. Risk Factors for Intra-Uterine

 Demise (IUFD) in the Bronx, NY. United States and Canadian Academy of

 Pathology, platform presentation (2007).

12) Patel H, Wang W, Reznik SE and Stephani R. Synthesis of 1,3,6

Trisubstituted-2-Carboxy-Quinol-4-ones as Selective ETA Antagonists and Their Role in Controlling Preterm Labor in a Mouse Model. Tenth International Conference on Endothelin (ET-10), poster presentation (2007).

13) McLemore MS, Pal S, Steinberg JJ and Reznik SE. Risk Factors for Intrauterine

 Fetal Demise (IUFD) in the Bronx, NY from 2000-2006. United States and

 Canadian Academy of Pathology, poster presentation (2008).

14) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a Mouse Model. Society of Toxicology, poster presentation (2009).

15) Olgun NS, Stephani R, Patel H and Reznik SE. A Series of Novel 1-3-6-

 Trisubstituted-2-Carboxy-Quinol-4-One Endothelin-A Antagonists. Eleventh

 International Conference of Endothelin (ET-11), poster presentation (2009).

16) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. Society of Toxicology, poster presentation (2010).

17) Abhichandani K, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. Society of Gynecologic Investigation, short talk (2011).

18) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. Society of Toxicology, poster presentation (2011).

19) Dai M, Shikani HJ, Stephani RA, Reznik SE, Tanowitz HB, Weiss LM,

 Desruisseaux MS. A Novel Endothelin Receptor Antagonist Increases Rates of

 Cerebral Malaria Survival, Twelfth International Conference of Endothelin

 (ET-12), short talk (2012).

20) Olgun NS, Patel HJ, Vyas V, Stephani RA, Hanna N and Reznik SE.

 Endothelin-A Receptor Antagonists Shut Down Preterm Labor in.the Animal

 Model: A Look at Altered Gene Expression. Society of Toxicology, poster

 presentation (2012).

21) Sundaram S, Ashby C, Abhichandani K, Munnangi S and Reznik SE. N,N Dimethylacetamide (DMA) Prevents Preterm Birth in a Murine Model By Up Regulating Interleukin 10 (IL-10). Society of Gynecologic Investigation, short talk (2012).

22) Abhichandani K, Shah N, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. Society of Gynecologic Investigation Summit Meeting, poster presentation (2012).

23) Sundaram S, Ashby CR, Sampat V, Sitapara R, Mantell L, Abhichandani K, Munnangi S and Reznik SE. N,N Dimethylacetamide Prevents Infection-Associated Preterm Birth. Society of Gynecologic Investigation Summit Meeting, short talk (2012).

24) Donepudi R, Mahajan P, Einstein F and Reznik SE. The Role of Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−Inflammatory Cytokines. Society for Gynecologic Investigation Meeting, poster presentation (2013).

25) Suzuki M, Heo H, Gebb JS, Reznik SE, Einstein MH, Einstein F and Greally JM. Epigenomic Dysregulation in Pre-eclampsia. Translational Science Meeting, poster presentation (2013).

26) Abhichandani K, Shah N, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. Society of Gynecologic Investigation Summit Meeting, one of top ten oral presentations (2013).

27) Mahajan P, Donepudi R, Einstein F and Reznik SE. The Role of Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−Inflammatory Cytokines. Society of Toxicology Meeting, poster presentation (2014).

28) Lulla A, Reznik SE, Trombetta L and Billack B. A New Purpose for Ebselen as a Prophylactic to Chemical Threats? Society of Toxicology Meeting, poster presentation (2014).

29) Sparavalo O, Tumu HCR, Giusto K, Nicholson S, Guralnik M, de Lira Nogueira L, Reznik S, Trombetta L and Billack B. Mechlorethamine Dermatotoxicity is Potentiated by the Absence of Nrf2 in the Mouse Ear Vesicant Model. Society of Toxicology Meeting, poster presentation (2014).

30) Suzuki M, Hye HJ, Patterson N, Reznik SE, Einstein MH, Einstein FH and

 Greally JM. Exploratory Analysis of Distinct Placental DNA Methylation and

Transcription Alterations in Pre-eclampsia Patients. Translational Science Meeting, poster presentation (2014).

31) Pekson R, Poltoratsky V, Gorasiya S, Sundaram S, Ashby CR, Vancurova I and Reznik SE. N,N-Dimethylacetamide Regulates Pro-Inflammatory Cytokine Secretion in RAW 264.7 Cells and Human Placental Explants by Inhibition of Nuclear Factor Kappa B. Society for Reproductive Investigation Meeting, poster presentation (2016).

32) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Prevents Tumor Necrosis Factor Alpha Induced Preterm Birth in a Murine Model. Society for Reproductive Investigation Meeting, poster presentation (2016).

33) Manuel C and Reznik SE. Pre-maternal High-fat Diet Consumption Initiates Preterm Birth by Potentiating the Actions of Lipopolysaccharide At Toll-like Receptor 4 and Decreasing Utero-placental Antioxidant Capacity. Society for Reproductive Investigation, poster presentation (2017).

34) Gorasiya S, Mushi J, Yoganathan S and Reznik SE. Anti-Inflammatory Activity of N,N-Diethylacetamide (DEA) and N,N-Dipropylacetamide (DPA) In In Vitro and Ex Vivo Models of Inflammation-Induced Preterm Birth. Society for Reproductive Investigation, poster presentation (2017).

35) Hjorten R, Rosenblum S, Myrie J, Haque S, Ruiz B, Suzuki M, Reznik SE, Winkler C, Kopp J and Reidy K. Possible Role for Maternal and Fetal APOL1 High Risk Alleles in Births Complicated by Preeclampsia. Pediatric Academic Societies Conference, poster presentation (2017).

36) Manuel C and Reznik SE. Resolving the Mechanisms of High-Fat Diet Induced Preterm Birth: Is Immune Tolerance a Better Line of Defense than Immune Inhibition? Keystone Symposium--Maternal Fetal Crosstalk: Harmony vs. Conflict, poster presentation (2017).

37) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Attenuates the Pro-Inflammatory Response in In-Vivo and In-Vitro Models of Inflammation Induced Preterm Birth. Keystone Symposium--Maternal Fetal Crosstalk: Harmony vs. Conflict, poster presentation (2017).

38) Koya J, Shen T, Ashby CR and Reznik SE. N,N-Dimethylacetamide Regulates Pro-inflammatory Cytokine and Chemokine Secretion in Human Intestinal Epithelial Cells and Monocytes by Inhibition of Nuclear Factor Kappa B. Cancer Pharmacology Research Synergy Conference, poster presentation (2017).

39) De Vera A, Pranav G, Reznik SE and Chen Z-S. IPI-549 Is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-mediated Multi-drug Resistance (MDR) in Cancer Cells. Cancer Pharmacology Research Synergy Conference, poster presentation (2017).

40) Jacob J, Reznik SE, Reidy K, Kohlberg RK and Rosenberg A. Does APOL1 Status Correlate with a Distinct Histopathologic Pattern in the Placenta? United States and Canadian Academy of Pathology, poster presentation (2018).

41) Manuel CR and Reznik SE. Administration of Subclinical Doses of Lipopolysaccharide Simultaneously Reverses Dysbiosis and Protects High Fat Diet Mice From Preterm Delivery. Society for Reproductive Investigation, poster presentation (2018).

42) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Attenuates the Pro-Inflammatory Response in In-Vivo and In-Vitro Models of Inflammation Induced Preterm Birth. Society for Reproductive Investigation, poster presentation (2018).

43) Manuel CR and Reznik SE. Immune Tolerance Attenuates High Fat Diet Potentiated Preterm Birth. Society for Reproductive Investigation (Late Breaking Abstract), poster presentation (2018).

44) Giusto K, Patki M, Patel K and Reznik SE. A Vaginal Nanoformulation of SKII, a Sphingosine Kinase Inhibitor, Rescues Mice From Lipopolysaccharide Induced Preterm Birth. Society for Reproductive Investigation (Late Breaking Abstract), poster presentation (2018).

45) Manuel CR and Reznik SE. Immune Tolerance Attenuates High Fat Diet Potentiated Preterm Birth. Symposium on Harnessing Immune Metabolism, poster presentation (2018).

BIBLIOGRAPHY

EXPERIMENTAL PAPERS:

1) Lasdun A, Reznik S, Molineaux, CJ and Orlowski M. Inhibition of Endopeptidase 24.15 Slows the in Vivo Degradation of Luteinizing Hormone-Releasing Hormone. J Pharm Exp Ther 251: 439-447 (1989).

2) Orlowski M, Reznik S, Ayala J and Pierotti AR. Endopeptidase 24.15 From Rat Testes. Isolation of the Enzyme and Its Specificity Toward Synthetic and Natural Peptides, Including Enkephalin-Containing Peptides. Biochem J 261: 951-958 (1989).

3) Reznik S. Endopeptidase 24.15, A Neuropeptide Metabolizing Enzyme: Isolation, Localization, Possible Function. Ph.D. Dissertation (1990).

4) Reznik S, Salafia CM, Lage J and Fricker LD. The Distribution of Carboxypeptidases E and D in the Placenta and Umbilical Cord. J Histochem Cytochem 46: 1359-1367 (1998).

5) Novikova E, Reznik S, Varlamov O and Fricker LD. Carboxypeptidase Z is Present in the Regulated Secretory Pathway and Extracellular Matrix in Cultured Cells and in Human Tissues. J Biol Chem 275: 4865-5870 (2000).

6) Ahmad Z and Reznik SE. Immunohistochemical Localization of ECE-1 in the Human Placenta. Placenta 21: 226-233 (2000).

7) Novikova E, Fricker LD and Reznik SE. Metallocarboxypeptidase Z is Dynamically Expressed in Mouse Development. Mech Devel 202: 259-262 (2001).

1. Feng Y, Reznik SE and Fricker LD. The Distribution of Pro-SAAS-Derived Peptides in Rat Neuroendocrine Tissues. Neuroscience 105: 469-478 (2001).
2. Feng Y, Reznik SE and Fricker LD. ProSAAS-Derived Peptides and Prohormone Convertase 1 are Broadly Expressed During Mouse Development. Gene Express Patterns 1: 135-140 (2002).

10) Koscica K, Sylvestre G and Reznik SE. The Effect of Phosphoramidon on

 Inflammation-Mediated Preterm Delivery in a Mouse Model. Am J Obstet

 Gynecol 190: 528-531 (2004).

11) Koscica K, Ananth CV, Placido J and Reznik SE. The Effect of a Matrix

 Metalloproteinase Inhibitor on Inflammation-Mediated Preterm Delivery. Am J

 Obstet Gynecol 196: 551.e1-551.e3 (2007).

12) Bhavsar TM, Cerreta JM, Liu M, Reznik SE and Cantor JO. Phosphoramidon, an

 Endothelin-Converting Enzyme Inhibitor, Attenuates Lipopolysaccharide-Induced

 Acute Lung Injury. Exper Lung Res 34: 141-154 (2008).

13) Vu T-D, Feng Y, Placido J and Reznik SE. Placental Matrix Metalloproteinase-1

 Is Up-Regulated in Labor. Reprod Sci 15: 420-424 (2008).

14) Klugman SD, Gross SJ, Khabele D, Liang J, Livne K, Lopez-Jones M, Gross B,

 Cordero D and Reznik SE. Expression of Keratin 8 and TRAIL in Down

 Syndrome Placentas, Placenta 29: 382-384 (2008).

15) Olgun N, Patel H, Wang W, Yen H, Stephani R and Reznik SE. The Role of a

 1,3,6-Trisubstituted-2-Carboxy-Quinol-4-One, a Novel Putative Selective ETA

 Antagonist, in Controlling Preterm Labor in a Mouse Model. Can J Physiol

 Pharmacol 86: 571-575 (2008).

16) Wang W, Yen H, Chen C-H, Soni R, Jasani N, Sylvestre G and Reznik SE. The

 Endothelin Converting Enzyme-1 (ECE-1)/Endothelin-1 (ET-1) Pathway Plays a

 Critical Role in Infection-Associated Premature Delivery in a Mouse Model. Am

 J Path 173: 1077-1084 (2008).

17) Wang W, Yen H, Chen C-H, Jasani N, Soni R, Koscica K and Reznik SE.

 Endothelin-1 and Matrix Metalloproteinase-1 Function in the Same Molecular

 Pathway in Infection-Associated Preterm Birth, Molec Med 16: 505-512 (2010).

18) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Blockade of Endothelin-1 With

a Novel Series of 1,3,6-Trisubstituted-2-carboxy-quinol-4-one’s Controls Infection-Associated Preterm Birth, Am J Path 177: 1929-1935 (2010).

19) Dai M, Reznik SE, Spray DC, Weiss LM, Tanowitz HB, Gulinello M and

 Desruisseaux MS. Persistent Cognitive and Motor Deficits After Successful

 Antimalarial Treatment in Murine Cerebral Malaria, Microbes Infect 12: 1198-

 1207 (2010).

20) Patel HJ, Olgun NS, Lengyel I, Reznik SE and Stephani RA.Synthesis and Pharmacological Activity of 1,3,6-Trisubstituted-4-Oxo-1,4-Dihydroquinoline-2-Carboxylic Acids as Selective ETA Antagonists, Bioorg Med Chem Lett 20: 6840-6844 (2010).

21) Ouhilal S, Vuguin P, CuiL, Du X-Q, Gelling RW, Reznik SE, RussellR, Parlow

 AF, KarpovskyC, SantoroN and Charron MJ. Hypoglycemia,

 Hyperglucagonemia and Feto-placental Defects in Glucagon Receptor Knockout

 Mice: A Role for Glucagon Action in Pregnancy Maintenance, Am J Phys Endo

 Metab 302: E522-E531 (2012).

22) Dai M, Freeman B, Shikani HJ, Bruno FP, Weiss LM, Tanowitz HB, Spray DC,

 Macias R, Reznik SE, and Desruisseaux MS. Altered Regulation of Akt

 Signaling with Murine Cerebral Malaria, Effects on Long-term Neuro-cognitive

 Function, Restoration with Lithium Treatment. PLoS One 7: e44117 (2012).

23) Dai M, Shikani HJ, Freeman B, Bruno FP, Tanowitz HB, Weiss LM, Reznik SE,

 Stephani RA, and Desruisseaux MS. A Novel Endothelin Receptor Antagonist

 Prevents Cerebral Microvascular Hemorrhage When Used in Conjunction with an

 Anti-malarial Agent in *Plasmodium berghei* ANKA-infected Mice. Life Sci 91:

 687-692 (2012).

24) Sundaram S, Ashby CR, Pekson R, Sampat V, Sitapara R, Mantell L, Chen C-H,

 Yen H, Abhichandani K, Munnangi S, Khadtare N, Stephani RA and Reznik SE.

 N, N-Dimethylacetamide Regulates the Pro-inflammatory Response Associated

 with Endotoxin and Prevents Preterm Birth. Am J Path 183: 422-430 (2013).

25) Lulla A, Reznik SE, Trombetta L and Billack B. Use of the Mouse Ear Vesicant

Model to Evaluate the Effectiveness of Ebselen as a Countermeasure to the Nitrogen Mustard Mechlorethamine. J App Tox 34: 1373-1378 (2014).

26) Munnangi S, Gross SJ, Madankumar R and Reznik SE. Pregnancy Associated Plasma Protein-A2: A Novel Biomarker for Down Syndrome. Placenta 35: 900-906 (2014).

27) Adler E, Madankumar R, Rosner M and Reznik SE. Increased Placental Trophoblast Inclusions in Placenta Accreta. Placenta 35: 7035-7038 (2014).

28) Olgun NS, Hanna N and Reznik SE. BQ-123 Prevents LPS-Induced Preterm Birth Via the Induction of Uterine and Placental IL-10. Tox App Pharm 282: 275-284 (2015).

29) Vyas V, Ashby CR, Olgun NS, Sundaram S, Salami O, Munnangi S, Pekson R, Mahajan P and Reznik SE. Inhibition of Sphingosine Kinase Prevents Lipopolysacccharide Induced Preterm Birth and Suppresses Pro-inflammatory Responses in a Murine Model. Am J Path 185: 862-869 (2015).

30) Suzuki M, Maekawa R, Patterson ME, Reynolds DM, Calder BR, Reznik SE, Heo HJ, Einstein FH and Greally JM. Amnion as a Surrogate Tissue Reporter of the Effects of Preeclampsia on the Fetus. Clin Epigen 8:67 (2016).

31) Pekson R, Poltoratsky V, Gorasiya S, Sundaram S, Ashby CR, Vancurova I and Reznik SE. N,N-Dimethylacetamide Significantly Attenuates LPS- and TNFα-Induced Proinflammatory Responses Via Inhibition of the Nuclear Factor Kappa B Pathway. Molec Med 22: 747-758 (2016).

32) Manuel CR, Charron M, Ashby CR and Reznik SE. Saturated and Unsaturated Fatty Acids Differentially Regulate In Vitro and Ex Vivo Placental Anti-Oxidant Capacity. Am J Reprod Immunol, 80:e12868 (2018) <https://doi.org/10.1111/aji.12868>. (Featured on journal cover.)

33) Reidy KJ, Hjorten RC, Simpson CL, Rosenberg AZ, Rosenblum SD, Kovesdy CP, Tylavsky FA, Myrie J, Ruiz BL, Mozhui K, Haque S, Suzuki M, Jacob J, Reznik SE, Kaskel FJ, Kopp JB, Winkler CA and Davis RL. Fetal Not Maternal *apol1* Genotype Associated with Risk for Preeclampsia. Am J Hum Gen 103: 367-376 (2018).

34) De Vera AA, Gupta P, Lei Z, Liao D, Narayanan S, Teng Q, Chen Z-S and Reznik SE. Immuno-oncology agent IPI-549 Is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-Mediated Multi-drug Resistance (MDR) in Cancer: In Vitro and In vivo. Cancer Lett, 442: 91-103 (2019).

35) Manuel CR, Latuga MS, Ashby CR and Reznik SE. Immune Tolerance Attenuates Gut Dysbiosis, Dysregulated Uterine Gene Expression and High-Fat Diet Potentiated Preterm Birth in Mice. Am J Obstet Gynecol, 596.e1-596.e28 (2019).

36) Patki M, Giusto K, Gorasiya S, Patel K and Reznik SE. 17--Hydroxyprogesterone Nanoemulsifying Preconcentrate Loaded Vaginal Tablet: A Novel Non-invasive Approach for the Prevention of Preterm Birth. Pharmaceutics, accepted pending revisions.

JOURNAL ISSUES EDITED

1) Reznik SE. Editor, Novel Pharmacotherapeutic Targets and Emerging

 Approaches to Preterm Birth, Part 1, Special Hot Topic Issue of Curr Pharm Des

 23 (40) (2017).

2) Reznik SE. Editor, Novel Pharmacotherapeutic Targets and Emerging

 Approaches to Preterm Birth, Part 2, Special Hot Topic Issue of Curr Pharm Des 24 (9) (2018).

REVIEW ARTICLES, BOOK CHAPTERS AND CONTRIBUTIONS TO TEXTBOOKS:

1. Reznik SE and Fricker LD. Carboxypeptidases from A to Z: Implications in

 Embryonic Development and Wnt Binding. Cell Mol Life Sci 58: 1790-1804

 (2001).

2) Reznik SE. Sample Expert Witness Report in: The Medical Record As Evidence,

 EB Oppenheim, Lexis Law Pub. Co., Charlottesville, VA, Supplement: 175-178

 (2003).

3) Reznik SE. “Plan B:” How It Works. Science Shows It Is Not An Abortifacient.

 Health Prog 91: 59-61 (2010).

4) Olgun NS and Reznik SE. The Matrix Metalloproteases and Endothelin-1 in

 Preterm Birth. Obstet Gynecol Internat 2010: 657039.

5) Vyas V, Ashby CR and Reznik SE. Sphingosine Kinase: A Novel Putative Target

 for the Prevention of Infection-Triggered Preterm Birth. Obstet Gynecol Internat

 2013:302592.

6) Sahasrabudhe N, Mobasseri M, Reznik SE and Williams Z. Chronic Endometritis and Recurrent Pregnancy Loss. Curr Obstet Gynecol Rep 6: 55-61 (2017).

7) Manuel CR, Ashby CR and Reznik SE. Discrepancies in Animal Models of

 Preterm Birth, Curr Pharm Des 23: 6142-6148 (2017).

8) Gorasiya S, Mushi J, Giusto K, Pekson R, Yoganathan S and Reznik SE. [Repurposing N,N-Dimethylacetamide (DMA), a Pharmaceutical Excipient, as a Prototype Novel Anti-inflammatory Agent for the Prevention and/or Treatment of Preterm Birth.](https://www.ncbi.nlm.nih.gov/pubmed/29384052) Curr Pharm Des 24: 989-992 (2018).

9) De Vera AA and Reznik SE. Combining PI3K/Akt/mTOR Inhibition with Chemotherapy. In Tyrosine Kinase Inhibitors as Sensitizing Agents for Chemotherapy, part of the series: Cancer Sensitizing Agents for Chemotherapy (2018).

10) Teng Q-X, Ashar YV, Gupta P, Reznik SE, Wurpel JND and Chen Z-S.

 Revisiting mTOR Inhibitors as Anti-cancer Agents. Drug Disc Today, in press.

11) Kuan K and Reznik SE. Intrauterine Fetal Demise and Intestinal Atresia: An

 Autopsy Investigation. Academic Pathology, submitted.

CASE REPORTS:

1) Saksenberg V, Bauch B and Reznik SE. Massive Acute Thymic Hemorrhage and Cerebral Hemorrhage in an Intrauterine Fetal Death. J Clin Path 54: 796-797 (2001).

2) Shanske AL, Pande S, Arel K, Vega-Rich C, Brion L, Reznik S and Timor-Tritsch LE. Omphalocele-Exstrophy-Imperforate Anus-Spinal Defects (OEIS) in Triplet Pregnancy After IVF and CVS. Birth Defects Research (Part A) 67: 467-471 (2003).

3) Patel M, Beckerman KP, Reznik S, Madan RP and Goldman D. Vertical

 Transmission of *Cryptococcus neoformans* to an HIV-exposed Premature

 Neonate, J Perinatol 32: 235-237 (2012).

LETTERS AND EDITORIALS:

1) Reznik S. Skinny Lips. Mod Pathol 7: 714-715 (1994).

2) Reznik SE. Letter to the Editor Responding to Commentary Criticizing *Health*

 *Progress* Article. Ethics and Medics (2010).

3) Reznik SE, Gardner E and Ashby CR. Cannabidiol: A Potential Treatment for Post Ebola Syndrome? Int J Inf Dis, 52:74-76 (2016).

4) Reznik SE and Ashyby CR. Sofosbuvir: An Anti-Viral Drug with Potential Efficacy Against Zika Infection. Int J Inf Dis, 55: 29-30 (2017).

5) Reznik SE. Editorial: Novel Pharmacotherapeutic Targets and Emerging

 Approaches to Preterm Birth, Part 1. Curr Pharm Des, 23: 6097 (2017).

6) Reznik SE. Editorial: Novel Pharmacotherapeutic Targets and Emerging

 Approaches to Preterm Birth, Part 2. Curr Pharm Des, 24: 959 (2018)

7) Reznik SE, Tiwari AK and Ashby CR. Sofosbuvir: A Potential Treatment for Ebola. Front Pharm, 9: 1139 (2018).

ABSTRACTS:

1) Lögdberg L, Badve S, Berggärd T, Reznik S, Akerstrom B and Salafia CM. Placental 1-Microglobulin-Expression. A Part of the “Placental Sponge” at Sites of Syncytial Injury. American Society of Reproductive Immunology (1998).

2) Reznik S, Fricker LD and Salafia CM. Metallocarboxypeptidases in the Placenta. Society of Gynecologic Investigation (1998).

3) Reznik S, Fricker LD and Salafia CM. Endothelin-Converting Enzyme-1 (ECE-1) in the Placenta. Society of Gynecologic Investigation (1998).

4) Reznik S, Salafia CM and Fricker LD. Carboxypeptidase D and Carboxypeptidase Z in the Placenta. Modern Pathology 11: A169 (1998).

5) Reznik S, Salafia CM and Fricker LD. The Distribution of Carboxypeptidases E and D in the Placenta and Umbilical Cord. Gordon Research Conference (1998).

6) Sylvestre G, Kilic G and Reznik S. Altered Expression of Chorionic Villous Endothelin-Converting Enzyme-1 in Laboring versus Non-laboring Placentae. Society of Gynecologic Investigation (2000).

7) Sylvestre G, Kilic G and Reznik S. The Endothelin-Converting Enzyme-1/ Endothelin-1 Pathway in Labor. Gordon Research Conference (2000).

8) Sylvestre G and Reznik S. The Endothelin-Converting Enzyme-1/ Endothelin-1 Pathway in an Animal Model of Preterm Labor. Society of Maternal Fetal Medicine (2001).

9) Carboxypeptidase Z, a Frizzle Domain Containing Protein, Is Dynamically Expressed in Development and Interacts With Wnt 3a. Reznik SE and Fricker LD. Wnt Conference (2001).

10) Vu T-D, Sylvestre G and Reznik S. Up-regulation of Endothelin-1 in Labor. Seventh International Conference on Endothelin (2001).

11) Shanske AL, Pande S, Aref K, Vega-Rich C, Reznik S and Timor-Tritsch, IE. Limb-Body Wall Complex in Triplet Pregnancy After IVF and CVS. American Society of Human Genetics (2001).

12) Goldberg Y, Sachs G, Reznik SE, Sakaris A, Bernstein PS, Powers JF, Tsipouras P and Gross SJ. Prenatal Sonographic Diagnosis of Grebe Syndrome at 21 Weeks Gestation. American Board of Medical Genetics (2001).

13) Koscica K, Sylvestre G and Reznik SE. Control of Preterm Labor Through Blockade of the Endothelin-Converting Enzyme-1/Endothelin-1 Pathway in a Mouse Model. Society of Maternal Fetal Medicine (2003).

1. Koscica K and Reznik SE. The Effect of a Matrix Metalloproteinase-1 (MMP1) Inhibitor on Inflammation-Mediated Preterm Delivery. Society of Maternal Fetal Medicine (2004).

15) Klugman SD, Khabele D, Liang J, Livne K, Lopez-Jones M, Reznik SE and

 Gross SJ. Expression of Keratin 8 and TRAIL in Down Syndrome Placentae.

 American Society of Human Genetics (2004).

16) McLemore MS and Reznik SE. Risk Factors for Intra-Uterine

 Fetal Demise (IUFD) in the Bronx, NY. United States and Canadian Academy of

 Pathology (2007).

17) McLemore MS, Steinberg JJ, Pal S and Reznik SE. From 1995-2006: An

 Evaluation of Risk Factors for Stillbirth in the Bronx, New York. American

 Society of Investigative Pathology (2007).

18) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Vasculopathic Risks for

Intra-uterine Fetal Demise in the Bronx, New York. American Society of Investigative Pathology (2007).

19) McLemore MS, Steinberg JJ, Pal S and Reznik SE. Maternal Risk Factors

for Stillbirth in the Bronx, New York. American Society of Investigative Pathology (2007).

20) Patel H, Wang W, Stephani R and Reznik SE. Synthesis of 1,3,6-Trisubstituted-2-Carboxy-Quinol-4-ones as Selective ETA Antagonists and Their Role in Controlling Preterm Labor in a Mouse Model. Tenth International Conference on Endothelin Abstract Booklet (2008).

21) McLemore MS, Pal S, Steinberg JJ and Reznik SE. Risk Factors for Intrauterine

 Fetal Demise (IUFD) in the Bronx, NY from 2000-2006. United States and

 Canadian Academy of Pathology (2008).

22) McLemore MS, Pal S and Reznik SE. From 1997-2006: Placental Risk

Factors for Stillbirth in the Bronx, NY. American Society of Investigative Pathology (2008).

23) McLemore MS, Pal S and Reznik SE. Fetal Risk Factors for Intra-Uterine

 Demise (IUFD) in the Bronx, NY from 1997-2006. American Society of

 Investigative Pathology (2008).

24) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a

 Mouse Model. Society of Toxicology (2009).

25) Patel HJ, Reznik SE, Lengyel I and Stephani R. Design, Synthesis and Structural Activity Relationship of 1,3,6-Trisubstituted-4-oxo-1,4,-dihydroquinoline-2-carboxylic Acid as Selective ET-A Antagonists for Prevention of Preterm Labor (PTL). American Chemical Society (2009).

# 26) Madankumar R, Munnangi S, Chen, C-H, Yen H, Wang W and Reznik SE.

 Differential Expression of Placental Genes in a Mouse Model of Infection- Associated Preterm Labor. American College of Medical Genetics (2009).

27) Olgun NS, Patel HJ, Stephani R and Reznik SE. Evaluation of Acute Toxicity

 of Novel Selective ETA Receptor Antagonists That Control Preterm Birth in a

 Mouse Model. Mid-Atlantic Society of Toxicology (2009).

28) Olgun NS, Stephani R, Patel H and Reznik SE. A Series of Novel 1-3-6-

 Trisubstituted-2-Carboxy-Quinol-4-One Endothelin-A Antagonists. ET-11

 Conference, Eleventh International Conference on Endothelin Abstract Booklet

 (Physiology) (2009).

29) Wang W, Yen H, Chen C-H, Soni R, Jasani N and Reznik SE. The Role of

 Placental Endothelin-1 and Matrix Metalloproteinase-1 in Preterm Labor.

 International Federation of Placenta Associations (2009)

30) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of

 Infection- Associated Preterm Birth. Society of Toxicology (2010).

 31) Abhichandani K, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE.

 Prolactin Controls Infection-Associated Preterm Birth in a Murine Model.

 Society of Gynecologic Investigation (2011).

32) Sundaram S, Ashby C, Abhichandani K, Munnangi S and Reznik SE.

 N, N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a

 Murine Model. Society of Gynecologic Investigation (2011).

33) Olgun NS, Stephani RA, Patel HJ and Reznik SE. Characterization of a Novel

 Series of Endothelin-A Receptor Antagonists in the Setting of Infection-

 Associated Preterm Birth. Society of Toxicology (2011).

34) Abhichandani K, Sundaram S, Munnangi S, Chen C-H, Yen and Reznik SE.

 Prolactin Controls Infection-Associated Preterm Birth in a Murine Model.

 Society of Gynecologic Investigation Fourth International Conference at Brazil

 (2011).

35) Abhichandani K, Sundaram S, Munnangi S, Chen C-H, Yen and Reznik SE.

 Prolactin Controls Infection-Associated Preterm Birth in a Murine Model.

 Society of Gynecologic Investigation Turkish-German Gynecology Congress

 (2011).

36) Sundaram S, Ashby C, Abhichandani K, Munnangi S and Reznik SE.

 N, N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a

 Murine Model. Society of Gynecologic Investigation Fourth International

 Conference at Brazil (2011).

37) Dai M, Shikani HJ, Stephani RA, Reznik SE, Tanowitz HB, Weiss LM,

 Desruisseaux MS. A Novel Endothelin Receptor Antagonist Increases Rates of

 Cerebral Malaria Survival, Twelfth International Conference of Endothelin

 (ET-12) (2011).

38) Olgun NS, Patel HJ, Vyas V, Stepahi RA, Hanna N and Reznik SE. Endothelin

A Receptor Antagonists Shut Down Preterm Labor in.the Animal Model: A Look at Altered Gene Expression. Society of Toxicology (2012).

39) Sundaram S, Ashby C, Abhichandani K, Munnangi S, Reznik SE. N,N-Dimethylacetamide (DMA) Prevents Preterm Birth in a Murine Model By Up-Regulating Interleukin 10 (IL-10). Society of Gynecologic Investigation (2012).

40) Abhichandani K, Shah N, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. Society of Gynecologic Investigation Summit Meeting (2012).

41) Sundaram S, Ashby CR, Sampat V, Sitapara R, Mantell L, Abhichandani K, Munnangi S and Reznik SE. N,N Dimethylacetamide Prevents Infection-Associated Preterm Birth. Society of Gynecologic Investigation Summit Meeting (2012).

42) Abhichandani K, Shah N, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. International Federation of Gynecology and Obstetrics (FIGO) World Congress (2012).

43) Donepudi R, Mahajan Prathamesh, Einstein F and Reznik SE. The Role of Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−Inflammatory Cytokines. Society of Gynecologic Investigation Meeting (2013).

44) Olgun NS, Arita Y, Gurzenda EM, Koo H-C, Peltier MR, Reznik SE and Hanna

 N. Placental Infection Induces Endothelin-1 Expression in Mid-Trimester

 Placental Explants. American Society of Reproductive Immunology Meeting (2013).

45) Suzuki M, Heo H, Gebb JS, Reznik SE, Einstein MH, Einstein F and Greally JM. Epigenomic Dysregulation in Pre-eclampsia. Translational Science Meeting (2013).

46) Smith C, Maidhof W, Reznik SE, Conry J, Kruger D, Beysolow S, Wu W, Murphy C and Etzel J. An Educational Model to Expand Interprofessional Education and Practice. Association of Schools of Allied Health Professions Meeting (2013).

47) Abhichandani K, Shah N, Sundaram S, Munnangi S, Chen C-H, Yen H and Reznik SE. Prolactin Controls Infection-Associated Preterm Birth in a Murine Model. Society of Gynecologic Investigation Summit Meeting (2013), one of top ten oral presentations.

48) Donepudi R, Mahajan Prathamesh, Einstein F and Reznik SE. The Role of Endothelin−1 in Endotoxin−Triggered Release of Placental Pro−Inflammatory Cytokines. J Tox (2014).

49) Lulla A, Reznik SE, Trombetta L and Billack B. A New Purpose for Ebselen as a Prophylactic to Chemical Threats? J Tox (2014).

50) Sparavalo O, Tumu HCR, Giusto K, Nicholson S, Guralnik M, de Lira Nogueira L, Reznik S, Trombetta L and Billack B. Mechlorethamine Dermatotoxicity is Potentiated by the Absence of Nrf2 in the Mouse Ear Vesicant Model. J Tox (2014).

51) Mahajan P, Donepudi R, Einstein F and Reznik SE. The Role of Endothelin-1 in Endotoxin-Triggered Release of Placental Pro-inflammatory Cytokines. American Society of Reproductive Immunology (2014).

52) Sundaram S, Ashby CR and Reznik SE. N,N-Dimethylacetamide Controls Infection-Associated Preterm Birth in a Murine Model. American Society of Reproductive Immunology (2014).

53) Pekson R, Poltoratsky V, Gorasiya S, Sundaram S, Ashby CR, Vancurova I and Reznik SE. N,N-Dimethylacetamide Regulates Pro-Inflammatory Cytokine Secretion in RAW 264.7 Cells and Human Placental Explants by Inhibition of Nuclear Factor Kappa B. Society for Reproductive Investigation (2016).

54) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Prevents Tumor Necrosis Factor Alpha Induced Preterm Birth in a Murine Model. Society for Reproductive Investigation (2016).

55) Hjorten RC, Rosenblum S, Myrie J, Ruiz BL, Suzuki M, Reznik SE, Winkler CA, Kopp JB, Kaskel FJ and Reidy KJ. Mother and Baby Apol1 High Risk Alleles in Births Complicated by Preeclampsia. American Society of Nephrology (2016).

56) Manuel C and Reznik SE. Pre-maternal High-fat Diet Consumption Initiates Preterm Birth by Potentiating the Actions of Lipopolysaccharide At Toll-like Receptor 4 and Decreasing Utero-placental Antioxidant Capacity. Society for Reproductive Investigation (2017).

57) Gorasiya S, Mushi J, Yoganathan S and Reznik SE. Anti-Inflammatory Activity of N,N-Diethylacetamide (DEA) and N,N-Dipropylacetamide (DPA) In In Vitro and Ex Vivo Models of Inflammation-Induced Preterm Birth. Society for Reproductive Investigation (2017).

58) Hjorten R, Rosenblum S, Myrie J, Haque S, Ruiz B, Suzuki M, Reznik SE, Winkler C, Kopp J and Reidy K. Possible Role for Maternal and Fetal APOL1 High Risk Alleles in Births Complicated by Preeclampsia. Pediatric Academic Societies Conference (2017).

59) Patki M, Giusto K, Reznik SE and Patel K. Vaginal Delivery of Liquisolid Formulation of Hydroxyprogesterone Caproate and Dimethylacetamide for the Treatment of Preterm Labor. American Association of Pharmaceutical Scientists, Regional Meeting (2017).

60) Reidy K, Hjorten R, Simpson C, Rosenberg A, Rosenblum SD, Kovesdy C, Tylavsky F, Myrie J Ruiz B, Mozhui K, Haque S, Suzuki M, Reznik SE, Kaskel F, Kopp JB, Winkler CA and Davis RL. Fetal but not Maternal APOL1 Genotype is Associated with Increased Risk for Preeclampsia among African-Americans. American Association of Nephrology Conference (2017).

61) Manuel C and Reznik SE. Resolving the Mechanisms of High-Fat Diet Induced Preterm Birth: Is Immune Tolerance a Better Line of Defense than Immune Inhibition? Keystone Symposium--Maternal Fetal Crosstalk: Harmony vs. Conflict (2017).

62) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Attenuates the Pro-Inflammatory Response in In-Vivo and In-Vitro Models of Inflammation Induced Preterm Birth. Keystone Symposium--Maternal Fetal Crosstalk: Harmony vs. Conflict (2017).

63) Koya J, Shen T, Ashby CR and Reznik SE. N,N-Dimethylacetamide Regulates Pro-inflammatory Cytokine and Chemokine Secretion in Human Intestinal Epithelial Cells and Monocytes by Inhibition of Nuclear Factor Kappa B. Cancer Pharmacology Research Synergy Conference (2017).

64) De Vera A, Pranav G, Reznik SE and Chen Z-S. IPI-549 Is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-mediated Multi-drug Resistance (MDR) in Cancer Cells. Cancer Pharmacology Research Synergy Conference (2017).

65) Jacob J, Reznik SE, Reidy K, Kohlberg RK and Rosenberg A. Does APOL1 Status Correlate with a Distinct Histopathologic Pattern in the Placenta? United States and Canadian Academy of Pathology (2018).

66) Manuel CR and Reznik SE. Administration of Subclinical Doses of Lipopolysaccharide Simultaneously Reverses Dysbiosis and Protects High Fat Diet Mice From Preterm Delivery. Society for Reproductive Investigation (2018).

67) Giusto K and Reznik SE. Inhibition of Sphingosine Kinase Attenuates the Pro-Inflammatory Response in In-Vivo and In-Vitro Models of Inflammation Induced Preterm Birth. Society for Reproductive Investigation (2018).

68) Manuel CR and Reznik SE. Immune Tolerance Attenuates High Fat Diet Potentiated Preterm Birth. Society for Reproductive Investigation (Late Breaking Abstract) (2018).

69) Giusto K, Patki M, Patel K and Reznik SE. A Vaginal Nanoformulation of SKII, a Sphingosine Kinase Inhibitor, Rescues Mice From Lipopolysaccharide Induced Preterm Birth. Society for Reproductive Investigation (Late Breaking Abstract) (2018).

70) Manuel CR and Reznik SE. Endotoxin Tolerance Protects High Fat Diet Mice From Preterm Delivery. New England Science Symposium at Harvard Medical School (2018).

71) De Vera AA, Gupta P, Lei Z, Liao D, Reznik SE and Chen Z-S. Immuno-oncology Agent IPI-549 is a Modulator of P-glycoprotein (P-gp, MDR1, ABCB1)-mediated Multidrug Resistance (MDR) in Cancer Cells. Frontiers in Cancer Immunotherapy, New York Academy of Sciences (2018).

72) Patki M, Giusto K, Ashby CR, Munnangi S, Patel K and Reznik SE. Vaginal Nano-formulation of a Sphingosine Kinase Inhibitor: A Novel Therapeutic Intervention for the Prevention of Preterm Labor. Scientista Symposium, (2019), submitted.

73) Acosta-Martinez R, Yang L, Manuel CR and Reznik SE. Palmitic Acid Induces

 the Secretion of Placental Exosome-like Vesicles Containing Pro-inflammatory

 miRNAs. American Society for Cell Biology (2018).

74) Manuel CR, Acosta-Martinez M and Reznik SE. Palmitic Acid Increases Placental

 Exosome miRNA Cargo Associated with Preterm Birth. Extracellular Vesicles in

 Diagnostics and Therapeutics Conference, New York Academy of Sciences.