

CURRICULUM VITAE

Name: Anna Elizabeth Sienko

Date of preparation: June 2016

A. GENERAL INFORMATION

Office address: Peter Lougheed Centre
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B. EDUCATIONAL BACKGROUND

<i>Degree</i>	<i>Institution name, city and state</i>	<i>Dates attended</i>	<i>Year Awarded</i>
BSc.	University of Manitoba, Winnipeg, Manitoba Canada	Sept. 1971 to May 1975	1975
M.D.	Jagiellonian University Academy of Medicine, Krakow Poland	Sept. 1977 to Dec.1982/Jan. 1983	1983

C. PROFESSIONAL POSITIONS AND EMPLOYMENT

Post-doctoral training including residency/fellowship

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Postgraduate training, Perinatal Physiology, Graduate Research	Dept. of Pediatrics, University of Manitoba, Health Sciences Centre, Winnipeg, Manitoba	Aug. 1984-1989
Rotating Internship	University of Manitoba, Health Sciences Centre, Winnipeg, Manitoba Canada	Sept.1986- Sept. 1987

Pathology Residency Training	University of Manitoba, Health Sciences Centre, Dept. of Pathology, Winnipeg, Manitoba Canada	Sept. 1988- June 30, 1993
Chief Resident	University of Manitoba, Dept. of Pathology, Health Sciences Centre, Winnipeg, Manitoba, Canada	July 1990-92

Administrative positions

<i>Title</i>	<i>Institution name, city and state/province</i>	
Interim Director Cytopathology	Department of Pathology University of Oklahoma, OKC, OK	Jan.-July 2006
Section Head Surgical Pathology	Calgary Laboratory Services, Calgary, Alberta	July 08/current
Lead Cancer Pathologist Calgary Zone	Alberta Health Services	April 2011/current
Cancer Care/Lab. Medicine Advisory Committee	Alberta Health Services	Dec. 2011/current
Appointed to Expert Panel	Canadian Partnership Against Cancer (National)	Aug. 2011/current
QA-QC/Clinical Safety Committee	Calgary Lab. Services	Sept. 2011/current

Academic positions

<i>Title</i>	<i>Institution name, city and state/province</i>	<i>Dates</i>
Sessional Lecturer Human Anatomy & Physiology	University of Manitoba Dept. of Zoology & School of Nursing, Winnipeg Manitoba Canada	Sept. 1984- April 1984; Sept. 1985- Sept. 1986
Assistant Professor	Dept. of Pathology, Dalhousie Halifax, Nova Scotia Canada	April 1994-Jan. 1995
Assistant Professor	Dept. of Pathology, University of Oklahoma, Oklahoma City, OK	Jan. 1995-June 30, 2002
Associate Professor	Dept. of Pathology, Loyola University Medical Centre, Maywood (Chicago), IL	July 1, 2002- Dec. 1, 2003
Associate Professor	Dept. of Pathology, Baylor College of Medicine, Houston, TX	Dec. 1, 2003- Sept. 08, 2004

Assistant Professor	Dept. of Pathology, University of Texas Health Sciences Centre at Houston Medical School, Houston, TX	Nov., 2004 to current
Associate Professor	Clinical Pathology & Laboratory Medicine Weill Medical College of Cornell University (affiliation with The Methodist Hospital Houston Texas)	April 1, 2005 to June 30, 2008
Clinical Professor	University of Calgary	October 2008 to current

Hospital positions

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Attending/staff pathologist	Saint John Regional Hospital, Saint John New Brunswick, Canada	July 1, 1993- Dec. 31, 1994
Attending/staff pathologist	Oklahoma Health Sciences Center: University Hospital, Presbyterian Hospital, VA Hospital, Children's Hospital of Oklahoma, Oklahoma City, OK	Jan. 1, 1995- June 30, 2002
IConsultant pathologist	Baptist Hospital, Oklahoma City, OK	Sept. 1998- June 30, 2002
Attending/staff pathologist	Loyola Medical Center, Maywood, IL	July 1, 2002- Dec. 1, 2003
Attending/staff pathologist	The Methodist Hospital, Houston, TX	Dec. 1, 2003- to June 30, 2008
Attending/staff Pathologist	Calgary Laboratory Services, Peter Lougheed Centre, Calgary Alberta Canada	July 1, 2008 to current

Employment

<i>Title</i>	<i>Institution name, city and state</i>	<i>Dates</i>
Research assistant	Freshwater Institute, Environment Canada, Winnipeg, Manitoba, Canada	May 1975-Aug. 1976
Research assistant	Dept. of Zoology, University of Manitoba, Winnipeg, Manitoba, Canada	April-Sept. 1983; April-Sept. 1984

Research assistant	Perinatal physiology, Dept. of Pediatrics, Neonatology, University of Manitoba, Health Sciences Center, Winnipeg, Manitoba, Canada	Jan.-June 1986
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D. LICENSURE, BOARD CERTIFICATION, MALPRACTICE

Licensure

<i>State</i>	<i>Number</i>	<i>Date of Issue</i>	<i>Date of last registration</i>
Oklahoma	19221	Jan. 1995	Active-Nov. 2003
Illinois	036-107037	June 2002	Active-June 2002
Texas	Temporary License 42046	January 1, 2005	Active-Jan. 2009
Alberta	015024	July 1, 2008	Active-Jul 2008
DEA number:		N/A	

Board Certification

<i>Name of specialty</i>	<i>Board Certificate #</i>	<i>Date of Certification</i>
Anatomic Pathology	93-130	June 1993
Anatomic Pathology, Royal College of Physicians & Surgeons of Canada		June 1995

E. PROFESSIONAL MEMBERSHIPS

<i>Member/officer</i>	<i>Name of Organization</i>	<i>Dates held</i>
Member	Resident representative for Pathology, Professional Association of Residents & Internes of Manitoba, Canada	Sept. 1988-89
Member	Executive of the Professional Association of Residents & Internes of Manitoba, Canada	Sept. 1989-91

Member	ASCP	1995-current
Member	American Society Cytopathology	1996-current
Member	CAP	1993-current
Member	Canadian Partnership Against Cancer National Pathology Standards Committee National Lung Cancer Committee	2010-current
Member	International Academy of Cytology	1996-current
Member	International Society of Gynecological Pathologists	1996-current
Member	Society of Pediatric Pathology	1996-current
Member	USCAP	1993-current
Member	Sigma-Xi-The Scientific Research Society	1996-current
Member	American Association for the Advancement of Science	2002-current
Member	Pulmonary Pathology Society	2004-current
Member	International Society of Gynecological Oncology	2005 to current
Member	IAPLC (International Association for Prevention Of Lung Cancer)	2015-current

F. HONORS AND AWARDS

<i>Name of award</i>	<i>Date awarded</i>
Richard W. Leech Teaching Award, Dept. of Pathology University of Oklahoma	June 1996
Jordan-Heartland Professorship In Pathology Housestaff Education	Sept. 1998-June 30, 2002
Award for Research Excellence Society of Perinatal Obstetricians	February 1998
Richard W. Leech Teaching Award, Dept. of Pathology, University of Oklahoma	June 2002
"In Recognition" for contributions to pathology residency training program at The Methodist Hospital, Houston TX	June 2005 - 2006

G. EMPLOYMENT STATUS

Name of Employer: Calgary Laboratory Services

Employment Status: Full-time salaried

H. CURRENT AND PAST INSTITUTIONAL RESPONSIBILITIES

Teaching

Human Anatomy & Physiology, sessional lecturer, Dept. of Zoology, University of Manitoba, Winnipeg, Manitoba Canada

Dates

Sept.1983-April 1984;Sept. 1985-86

Pathology Course University of Oklahoma Medical School, lecturer sections gynecology, cardiovascular pathology, University of Oklahoma, OKC, OK

1997-2001

Resident teaching didactic lectures, conferences, during daily case sign-out, attending pathologist, Dept. of Pathology, University of Oklahoma, OKC, OK

Jan.1, 1995-June 30, 2002

Tumor Boards: Thoracic Tumor Board, Gynecology/Oncology Tumor Board at University Hospital, Presbyterian Hospital & V.A. Hospital, University of Oklahoma Health Sciences Center, OKC, OK

1996-June 30, 2002

Didactic gynecological pathology lectures to fellows in Gyn. Oncology, Dept. of Gyn. Oncology University of Oklahoma, OKC, OK

Academic year at least 5 lectures per year: 1997-June 30, 2002

Formal review of gynecological pathology, fetal-placental pathology and specific patient cases with Obstetrics & Gynecology residents, University of Oklahoma Health Sciences Center, OKC, OK

Academic year approx. 12 weeks total x2 times a week, 1999-June 30, 2002

Resident teaching didactic lectures, conferences, during daily case sign-out, Dept. of Pathology, Loyola University Medical Center, Maywood, IL

July 1, 2002-Nov.30, 2003

Mechanisms of Human Disease (pathology course) lecturer sections on vulva, cervix, ovaries and fallopian tubes Female Reproductive system; pathology slide labs. and review sessions for the entire pathology course Stritch School of Medicine Loyola University Medical Center, Maywood, IL

Academic year 2002-Nov. 2003 (lectures in March, slide labs throughout school year)

Gyn. Oncology Tumor Board, Loyola University Medical Center, Maywood, IL	July 2002-Nov. 2003
Pathology Course labs. & review medical students Baylor College of Medicine, Houston, TX	Aug. & Sept. 2004
Resident teaching didactic lectures, conferences, during daily case sign-out, Dept. of Pathology, The Methodist Hospital, Houston, TX	Dec. 2003-to June 30,2008
Gyn. Oncology Tumor Board, The Methodist Hospital, Houston, TX	Jan.2003-to June 30/08 (alternate months with colleague)
Thoracic/Pulmonary Tumor Board, The Methodist Hospital, Houston, TX	July 2004-to June 30/08 (alternate months with 2 colleagues)
Resident teaching didactic lectures, conferences Dept. of Pathology, University of Texas at Houston Medical School	July 2005 to June 30/08
Resident and medical school teaching, didactic lectures Dept. of Pathology and University of Calgary School of Medicine	July 2008 to current
<u>Clinical Care</u>	Dates
Surgical pathology, cytopathology, autopsy service work, attending/staff pathologist Saint John Regional Hospital Saint John New Brunswick Canada	July 1 1993-Dec. 31, 2004
Surgical pathology & cytopathology (approx. 55% & 40%), pediatric pathology (approx. 10%), autopsy service, attending pathologist/staff pathologist Health Sciences Center, OKC, OK	Jan. 1, 1995- June 30, 2002
GOG (Gynecology Oncology Group) protocol patient eligibility, Health Sciences Center, OKC, OK	Feb. 1995-June 30, 2002
Surgical pathology, autopsy service attending pathologist/staff pathologist Loyola University Medical Center, Maywood IL	July 1, 2002- Dec.1, 2003
Surgical pathology, autopsy service attending pathologist/staff pathologist The Methodist Hospital, Houston Texas	Dec.1, 2003 to June 30/08
Surgical pathology attending pathologist, Texas Orthopedic Hospital Houston Texas	April 2004 to Sept. 2004
Surgical pathology and cytopathology, attending/staff pathologist Calgary Laboratory Services, Calgary Alberta, Canada	July 2008 to current

Administrative duties

Dates

1. Vice-president Graduate Student Association, University of Manitoba, Winnipeg
Manitoba, Canada: 1985-1986
2. Faculty Post Graduate Medical Education Committee, Winnipeg, Manitoba, Canada:
July 1990-92
3. Search for Head of the Department of Pathology, St. Boniface General Hospital,
Winnipeg, Manitoba, Canada: 1991
4. Internal Review Committees, Specialty Programs, Health Sciences Centre, Winnipeg,
Man.: July 1990-92
5. Residency Committee, Department of Pathology, Health Sciences Centre, Winnipeg,
Man.: July 1990-92
6. Treasurer-Secretary, New Brunswick Association of Pathologists, Saint John New
Brunswick, Canada: 1994
7. Chairman, Provincial Committee for Revision of Cytology Form, Saint John New
Brunswick, Canada: 1994
8. Search Committee for Director of Cytopathology, University Hospital, OU HSC: 1995-
1996
9. Adjunct Professor Appointments Committee, Department of Pathology, OU HSC:
1997-2002
10. Admissions Interview Committee for Medical School Applicants, College of Medicine
Health Sciences Centre, University of Oklahoma: 1995-96, 1997-98
11. Pathology Coordination Committee, Department of Pathology, OU HSC: 1998-2002
12. Internal Review Committee for Residency Training Programs, College of Medicine,
OU HSC: 1998-2002
13. University Health Partners/TUH Credentials Committee, University Hospital, OKC,
OK: 1998-2002
14. Student Appeals Committee, College of Medicine, University of Oklahoma Health
Sciences Centre: 1999-2002
15. Chairman, Committee on HSC Service and Related Matters, Health Sciences Center,
OKC, OK: 1999-2002
16. Graduate Medical Education Committee, College of Medicine OU, HSC: 1998-2002
17. Promotion and Implementation Committee for the Clinical Sciences, College of
Medicine, OU HSC: 2000-2002
18. University Physicians Medical Group Credentialing Committee, OU, HSC: 2001-2002
19. Liaison Committee on Medical Education Self-study Task Force, University of
Oklahoma, HSC August 2001 to June 30, 2002
20. Graduate Medical Education Committee, College of Medicine, Loyola University
Medical Centre: 2002-Dec. 2003
21. Tissue Review Committee, College of Medicine, Loyola University Medical Centre:
Aug. 2002-Dec. 2003
22. Director residency training program, Dept. of Pathology, University of Oklahoma,
OKC, OK Sept. 1998-May 15, 2002
23. Associate director residency training program, Dept. of Pathology, University of
Oklahoma, OKC, OK, May 15, 2002-June 30, 2003

24. Director residency training program, Dept. of Pathology, Loyola University Medical Center, Maywood, IL, July 1, 2003-Oct. 31, 2003
25. Residency Training Committee, Dept. of Pathology, The Methodist Hospital, Houston TX April 2005 to June 30, 2008
26. Obstetrics/Pediatric/Newborn Quality Management Subcommittee, January 1/06 to June 30, 2008
27. Pathology Residency Training Committee, University of Calgary Dept. of Pathology, Calgary, AB, Canada September 2008 to current
28. Member Pulmonary Pathology Fellowship Program Committee CLS July 2011 to current
29. Member and Consultant Pathologist of Pulmonary Pathology and Gynecological Pathology Special Interest Groups CLS Pulmonary July 2010 to current, Gynecological July 2011 to current
30. Lead Cancer Pathologist Calgary Zone (AHS) April 2010 to 2014
31. Chairperson QA/QC/Clinical Lab. Safety Committee 2011 to current

Research

Dates

Principal pathologist for the ALTS Trial with Dept. of Gynecological Oncology, University of Oklahoma, OKC, OK	June 1996-April 2000
Principal pathologist, United States for evaluation/review of tissue from cervical biopsies for clinical trial management using drug MX6 & MX4 (Maxia Pharmaceuticals) for cervical dysplasia	Nov. 1998-June 30, 2002
Pulmonary Pathology Group, Dept. of Pathology, The Methodist Hospital, Houston, TX	Jan. 2004 to current
Principal investigator of Protocol PAC # 33-0009-05 for studies in Gynecological Oncology "Expression of diagnostic and prognostic markers of the female genital system (Ovaries, Peritoneum, Uterine Corpus and Cervix): Relationship to cell system regulators, Oxidative Molecules, Hormone Receptors, Apoptosis and Patient Survival", Dept. of Pathology, The Methodist Hospital, Houston, TX	June 2006 to current

I. EXTRAMURAL PROFESSIONAL RESPONSIBILITIES

Accepted to second round Canadian astronaut program (in 1983 conjunction with NASA)

Invited speaker Dept. of Pathology Update Conference, OKC, Ok May 1996

Invited speaker Oklahoma State Dept. of Health Women's Care Nurse Practitioners Spring Conference, Norman, OK May 1996

Invited speaker Oklahoma State Association of Pathologists, Inc. Fall Meeting, OKC, OK October 1996

Invited speaker Pulmonary Pathology Section IAP (International Academy of Pathology) Meeting, Brisbane Australia	October 10-15, 2004
Ad hoc reviewer journal articles and books for Archives of Pathology & Laboratory Medicine	2002 to current
CAP Inspector-Team Leader	August 2004 Lab. Inspection, Houston TX
Presentation (platform) Pulmonary Pathology Society Meeting	June 14-17, 2005 Annecy France
Invited Presentor Houston Society of Clinical Pathologists Spring Symposium	Houston Texas April 29/06
Associate Editor Administrative and Regulatory Affairs Archives of Pathology & Laboratory Medicine	January 2006 to current
Section Editor Anatomical Pathology – Gynecological Pathology Archives of Pathology & Laboratory Medicine	January 2005 to current
Invited Speaker Pulmonary Pathology Section IAP Meeting Montreal 2006	Montreal, Canada Sept. 2006

J. BIBLIOGRAPHY. PEER REVIEWED ARTICLES

1. Belik J, **Sienko A**, Light B. Central hemodynamic changes in the newborn piglet during progressive pulmonary hypertension. Clin Inv Med 1986;9(3)
2. Hanly P, **Sienko A**, Light B. Role of prostacyclin (PGI) in the pathophysiology of bacteremic pseudomonas pneumonia (BPP) in dogs. Clin Inv Med 1986;9(3)
3. **Sienko A**, Belik J, Chernick V. Ethanol (EOH) infusion does not alter hypoxic pulmonary vasoconstriction or prostacyclin (PGI) levels in 2 day old piglets. Clin Inv Med 1986;9(3)
4. Hanly P, **Sienko A**, Light B. Role of endogenous prostaglandins in the hemodynamic changes during acute experimental pseudomonas pneumonia with bacteremia. Am Rev Resp Dis 1986;133:A77
5. Hanly P, **Sienko A**, Light B. Effect of Cyclooxygenase blockage on gas exchange and hemodynamics in pseudomonas pneumonia. J Appl Physiol 1987;63(5):1829-1836
6. Belik J, **Sienko A**, Light B. The effect of repeated intermittent hypoxia on pulmonary vasoconstriction in the newborn. Am J Phys Pharmacol 1990;68:355-362
7. Tennenbein M, Kowalski S, **Sienko A**, Bowden DH, Adamson IYR. Pulmonary toxic effects of continuous Desferrioxamine administration in acute iron poisoning. Lancet 1992;339 669-701
8. Adamson IYR, **Sienko A**, Tennenbein M. Pulmonary toxicity of deferoxamine in iron poisoned mice. Toxicol and Applied Pharmacol Vol 119, 1993
9. Rayburn W, Christensen DH, **Sienko A**, Gonzalez CL, Coleman, FH. Antenatal betamethasone for lung maturation: selection of a murine model to investigate long-term

- neurobehaviorial effects. *Neurotox. Teratol.* 1996, 18:329-30
10. Christensen DH, **Sienko A**, Rayburn W, Gonzalez CL, Coleman, FH. A placebo-controlled, blinded comparison between betamethasone and dexamethasone to enhance lung maturation in the fetal mouse. *J. Soc. Gynecol. Invest.* May/June (4) 1997:130-134
 11. Shen-Guther J, Mannel RS, Walker JL, Johnson GA, **Sienko A**. Laparoscopic paraortic lymphadenectomy using laparoscopic coagulating shears. *J. Amer. Assoc. Gynecol. Laparoscopists.* Feb. 1998, 5(1):47-50
 12. Byers M, Walter MG, Clark K, **Sienko AE**. Twenty-nine Year Old Male with Sore Throat and Anorexia: A Clinicopathological Correlation Conference from the University of Oklahoma College of Medicine. *J. Okla. State Med. Assoc.* August 1998, 91(5):1-5
 13. Stewart JD, **Sienko AE**, Gonzalez CL, Christensen HD, Rayburn WF. Placebo-controlled comparison between a single dose and a multidose of betamethasone in accelerating maturation of mice offspring. *Am. J. Obstet. Gynecol.* Nov. 1998, 179(5):1241-1247
 14. Tardibono G, Walter MG, Gray B, **Sienko, AE**. 34-Year-Old Man with History of Progressive Orthopnea and Exertional Dyspnea: A Clinicopathological Correlation Conference from the University of Oklahoma College of Medicine. *J. Okla. State Med. Assoc.* Jan. 1999, 92(1)
 15. Ross D, Gold M, **Sienko AE**, Tolason T, Schipul A. Large Ovarian Cellular Fibroma During Pregnancy Mimicking a Lipid Cell Tumor. *J. Okla. State Med. Assoc.* May 1999, 92(5)
 16. **Sienko AE**, Altshuler G. Meconium-induced umbilical vascular necrosis in abortuses and fetuses: A histopathological study for cytokines. *Obstet. & Gynecol.* Sept. 1999, 94:415
 17. Rayburn WF, **Sienko AE**, Gonzalez CL, Christensen HD, Kupiec TC, Paulsen AL, Stewart JD. Impact of Antenatal Exposure of Mice to Fenfluramine on Cardiac Development and Long-Term Growth of the Offspring. *Drug and Chemical Toxicology*, 2000, 23(3):419-431
 18. **Sienko AE**, Stewart JD, Gonzalez CL, Christensen HD, Rayburn WF. Placebo-controlled, blinded comparison of antenatal betamethasone on mouse liver development. *Drug and Chemical Toxicology*, 2001 24(1):49-61
 19. Tillmanns TD, Kamelle S, **Sienko A**, Benbrook DM. Reticulin expression demonstrates hormonal responsiveness in a model of cycling human endometrium. *Obstetrics & Gynecology*, 97(4):S25, April 2001
 20. **Sienko AE**, O'Hare C, Eaton, BG, DyLiacco M . 64 Year-Old Male With Non-Reducible Left Upper Quadrant Abdominal Mass: A Clinicopathologic Correlation Conference from the University of Oklahoma College of Medicine. *J. Okla. State Med. Assoc.* April 2002 Vol.95(4):247
 21. Zuna RE, **Sienko A**, Lightfoot S, Gaiser, M. Cervical Smear Interpretations in Women with a Histologic Diagnosis of Severe Dysplasia: Factors Associated with Discrepant Interpretations. *Cancer*, August 2002, 96(4):218-224
 22. Kamelle S, **Sienko A**, Benbrook D. Retinoids and steroids regulate menstrual phase histological features in human endometrial organotypic cultures. *Fertility and Sterility*, September 2002, 78(3):596-602
 23. Trachte AL, Suthers SE, Lerner MR, Hanas ER, **Sienko AE**, Adesina AM, Lightfoot SA, Brackett, Postier RG. Increased expression of alpha-1-antitrypsin, glutathione S-transferase pi and vascular endothelial growth factor in human pancreatic adenocarcinoma. *Am. J. Surg.* December 2002, 184(6):642-647
 24. Logue LG, Acker RE, **Sienko AE**. Best Cases from the AFIP: angiomyolipomas in tuberous sclerosis. *Radiographics*, Jan.-Feb. 2003, 23(1):241-246
 25. Quinn A, **Sienko AE**, Basrawala Z, Campbell SC. Extramammary Paget's Disease of the Scrotum with Squamous cell Carcinoma In-Situ. *Archives of Pathology and Laboratory Medicine*, January 2004 Vol.128(1):84-86

26. Aboudola S, **Sienko A**, Carey RB, Johnson, S. Tuberculous tenosynovitis. Human Pathology, August 2004 Vol. 35(8):1044-1046
27. Quinn A, Flanigan R, **Sienko A**, Wojcik E. Cytologic Features of Recurrent Lymphoma Involving the Urinary Bladder. Diagn Cytopathol. September 2004 Vol.31(3):
28. **Sienko A**, Allen T, Zander DA, Cagle PT. Frozen Sections in Lung Pathology. Archives of Pathology & Lab. Medicine December 2005 Vol.129(12):1603-1610
29. Andino L, Cagle PT, Murer B, Lu L, Popper HH, Galteau-Salle F, **Sienko AE**, Barrios R, Zander DS. Pleuropulmonary desmoid tumors: Immunohistochemical comparison with solitary fibrous tumors and assessment of beta-catenin and cyclin D1 expression. Arch Pathol Lab Med October 2006 Vol. 130(10): 1503-1509
30. Kwon KY, Ro JY, Singhal N, Killen DE, **Sienko A**, Allen TC, Zander DS, Barrios R, Haque A, Cagle PT. MUC4 expression in non-small cell lung carcinomas: relationship to tumor histology and patient survival. Arch Pathol Lab Med April 2007 Vol. 131(4):593-598
31. Raparia K, Ayala AG, **Sienko A**, Zhai QJ, Ro JY. Myxoid adrenal cortical neoplasms. Ann Diag Pathol 2008 Oct. 12(5):344-348
32. Wang Z, Spaulding B, **Sienko A**, Liang Y, Li H, Nielsen G, Yub Gong G, Ro JY, Zhai QJ. Mammaglobin, a valuable diagnostic marker for metastatic breast carcinoma. Int J Clin Exp Patholo 2009(4):348-349
33. Li X, Parke RB, Rushton JR, **Sienko A**, Zhai QJ. An usually large granular cell tumor of the pharynx: a case report and literature review. Int J Clin Exp Patholo 2009(3):300-302

K. BOOK CHAPTERS/BOOKS:

1. Cagle PT, **Sienko AE**, Allen TC. Prognostic Markers. In: Zander DS, Popper H, Jagirdar J, Haque A, Cagle, PT, Barrios R, eds. *Molecular Pathology of Lung Diseases*. New York: Springer 2008
2. Allen TC, **Sienko AE**, Cagle PT. Responsiveness to Therapy. In: Zander DS, Popper H, Jagirdar J, Haque A, Cagle, PT, Barrios R, eds. *Molecular Pathology of Lung Diseases*. New York: Springer 2008
3. **Sienko AE** Pulmonary processes of undetermined malignant potential. In: Zander DS, Farver C, eds *Foundations in Diagnostic Pathology: Pulmonary Pathology*. Philadelphia: Elsevier (to be published 2008)
4. **Associate editor and contributor** *Color Atlas and Text of Pulmonary Pathology*. Lippincott Williams & Wilkins Second Edition 2008
5. **Editor and contributor** *Transbronchial Biopsies and Endobronchial Biopsies*. Lippincott Williams & Wilkins 2009
6. **Contributor** "Case Files Pathology" Eugene Toy *et al* Second Edition 2008 McGraw-Hill Company Medical New York, New York
7. **Editor and contributor** *Endometrial Carcinoma*, Advances in Surgical Pathology Series, Lippincott Williams & Wilkins (to be published March 2012)

L. Abstracts:

1. Hanly P, **Sienko A**, Light B. Role of endogenous prostaglandins in the hemodynamic changes during acute experimental pseudomonas pneumonia with bacteremia. American Thoracic meeting, May 1985, Anaheim, CA.
2. Belik J, **Sienko A**, Light B. Intermittent hypoxia challenges (IHC) increase basal pulmonary tone and enhance hypoxic vasoconstriction in newborn piglets. Annual meeting of the Canadian Pediatric Society, Vancouver, BC, May 1985.
3. **Sienko A**, Belik V, Chernick. Ethanol (EOH) infusion does not alter hypoxic pulmonary vasoconstriction or prostacyclin (PGI) levels in 2 day old piglets. The Royal College meeting, Toronto, 1986.
4. Hanly P, **Sienko A**, Light B. Effect of indomethacin on central hemodynamics, gas exchange, pulmonary blood flow distribution and prostaglandin synthesis in experimental pseudomonas pneumonia. American Thoracic Society meeting, Anaheim, May 1985.
5. Hanly P, **Sienko A**, Light B. Role of prostacyclin (PGI) in the pathophysiology of bacteremic pseudomonas pneumonia (BPP) in dogs. The Royal College meeting, Toronto, 1986.
6. **Sienko A**, Light B. Central hemodynamic changes associated with right to left shunt in newborn piglets with experimental pulmonary hypertension. Annual meeting of the American Thoracic Society, Kansas City, May 1986.
7. Belik J, **Sienko A**, Light B. Hyperventilation does not induce prostaglandin (PGI) release in newborn piglets. Pediatric Research, New Mexico, 1986.
8. Belik J, **Sienko A**, Light B. Central hemodynamic changes in the newborn piglet during progressive pulmonary hypertension. The Royal College meeting, Toronto, 1986.
9. **Sienko A**, I Adamson, M. Tennenbein, D. Bowden. High Dose Desferoxamine therapy and lung injury. The XVI World Congress of Anatomic and Clinical Pathology, Vancouver, June 1991.
10. **Sienko A**, Quinonez G, Ravinsky E. Transmission electron microscopy (TEM) applied to fine needle aspiration biopsy (FNAB): A quality assurance exercise. The Canadian Congress of Laboratory Medicine, Toronto, June 1992.
11. **Sienko A**, Christensen HD, Rayburn WF, Gonzalez CL, Coleman FH. Selection of a clinically relevant dose of corticosteroids used to enhance fetal lung maturity and their effect on fetal growth and development. Teratology 53:98, 1996
12. **Sienko AE**, Christensen HD, Gonzalez CL, Stewart JD, Rayburn WF. Impact of multidosing of antenatal betamethasone on organ maturation of the mouse pup. Teratology Society Annual Meeting, June 1997, Palm Beach Florida
13. Parkhurst J, Lebovitz D, **Sienko A**, Irwin D, San Joaquin V. Thrombotic thrombocytopenic purpura (TTP) as the initial manifestation of previously undiagnosed Human Immunodeficiency Virus (HIV) in a five year old child. American Society of Pediatric Hematology/Oncology Sept. 1997, J. Pediatric. Hematol. Oncol. 19(4):382
14. **Sienko AE**, Stewart JD, Gonzalez CL, Christensen HD, Rayburn WF. Placebo-controlled comparison of antenatal betamethasone on mouse liver histology. SPO Meeting, February, 1998
15. Stewart JD, **Sienko AE**, Gonzalez CL, Christensen HD, Rayburn WF. Is a mulitdose of betamethasone more beneficial than a single dose in accelerating fetal lung maturation? SPO Meeting, February 1998 (**Award for Research Excellence, Society of Perinatal Obstetricians**)
16. Rayburn WF, Stewart JD, **Sienko AE**, Gonzalez CL, Christensen HD. Impact of antenatal exposure to flenfluramine (Pondomin, Redux) on pregnancy and neonatal outcomes in mice. Teratology Society Meeting, June 1998
17. Gold MA, **Sienko AE**, Walker J. Uterine malignancies in women previously treated for breast cancer. Summer Meeting Western Association of Gyn. Onc. (WAGO) July, 1998
18. Zuna RE, **Sienko AE**, Lightfoot SA, Gaiser M. Cervical smear interpretation in women With a histological diagnosis of severe dysplasia. 46th Annual Scientific Meeting, American Society of Cytopathology, November 1998

19. Zuna RE, Dunn TS, **Sienko A**, Rousseau R. High Risk-HPV DNA Testing of Residual Samples of Liquid-Based Pap Tests: Review of Non-Correlating Cases in a Quality Assurance Program. 48th Annual Scientific Meeting, American Society of Cytopathology Nov. 2000 [Acta Cytologica 44:856, 2000]
20. Tillmans TD, Kamelle SA, **Sienko A**, Benbrook D. Reticulin Expression Demonstrates Hormonal Responsiveness In A Model Of Cycling Endometrium, ACOG Annual Meeting, Nashville Tennessee, May 2001.

21. Duan X, Jacobson K, Morrison L, Sokolowa I, **Sienko A**, Wojcik EM. Differentiating Follicular carcinoma from follicular adenoma by FISH aneuploidy analysis using multicolor DNA. Am. J. Clin. Path. 120:10-11; 2003, Fall Meeting American Society of Clinical Pathology, San Diego, CA September 2003
22. **Sienko A**, Zander DS, Killen D, Singhal N, Barrios R, Haque A, Cagle PT. D2-40 is a Novel New Marker of Malignant Mesothelioma (MM): Tissue Microarray Study of 45 MM Versus 409 Lung Carcinomas and Primary Non-Mesothelial Neoplasms of the Pleura and Chest Wall. Accepted for USCAP 94th Annual Meeting, Feb. 26-March 4, 2005, San Antonio, TX
23. **Sienko A**, Allen TC, Zander DS, Singhal N, Killen D, Barrios R, Haque A, Cagle PT. Comparison of DAX-1 and Androgen Receptor Expression in Small Cell Carcinomas And Carcinoid Tumors of the Lung. Accepted for USCAP 94th Annual Meeting, Feb.26-March 4, 2005, San Antonio, TX
24. **Sienko A**, Zander DS, Singhal N, Killen D, Barrios R, Haque A, Cagle PT. Significance of b-Catenin Expression in Non-small Cell Lung Cancers. Accepted for USCAP 94th Annual Meeting, Feb. 26-March 4, 2005, San Antonio, TX
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30. BH Morre, PT Cagle, TC Allen, **A Sienko**, R Barrios, A Haque, Q Zhai. Topoisomerase II-alpha, Minichromosome Maintenance Protein 2 (MCM2) and X- Linked Mammalian Inhibitor of Apoptosis Protein (XIAP) Expression in Pleural Diffuse Malignant Mesothelioma (PDMM): Possible Role for Chemotherapeutic Intervention USCAP 97th Meeting March 1-7 2008, Denver, Colorado
31. A Haque, N Singhal, T Allen, R Barrios, **A Sienko**, P Cagle. Lack of E-Cadherin and Pan-Cadherin Immunoexpression Is Associated with Metastasis in Small Cell Lung Cancer. USCAP 97th Meeting March 1-7 2008, Denver, Colorado
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