

**CURRICULUM VITAE**  
**MARIANA CANEPA, M.D.**

Current position:	Staff Surgical Pathologist and Cytopathologist
August, 2014-Present	Lifespan Academic Medical Centers
	Associate professor of Pathology, clinician educator
	Warren Alpert Medical School of Brown University
Business address:	Rhode Island Hospital
	Department of Pathology and Laboratory Medicine
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Webpage:	<a href="https://vivo.brown.edu/display/mcanepa1">https://vivo.brown.edu/display/mcanepa1</a>

**EDUCATION**

Medical School:	Universidad de Buenos Aires
03/1996-03/2002	

**POSTGRADUATE TRAINING**

Fellowships:	Cytopathology Fellowship
	Cleveland Clinic
	9500 Euclid Ave, Cleveland, OH 44195
	07/2013-06/2014
	Surgical Pathology Fellowship
	University of California at San Diego
	300 W Arbor drive, San Diego, CA 92103
	09/2011-06/2012

## **POSTGRADUATE HONORS AND AWARDS**

2

**PROFESSIONAL LICENSES AND BOARD CERTIFICATION**

09/2014-Present	Board Certification in Cytopathology American Board of Pathology
07/2013-Present	Board Certification in Anatomic and Clinical Pathology American Board of Pathology
06/2014-Present	Rhode Island Medical License (MD14590) Rhode Island Board of Medical Licensure and Discipline
10/2010- current retired status	California Medical License (A114202) The Medical Board of California

**HOSPITAL APPOINTMENTS**

08/2014-Present	Staff Surgical Pathologist and Cytopathologist Lifespan Academic Medical Centers Providence, RI
06/2008-08/2008	Staff Pathologist Centro de Patologia Pena 2967, Buenos Aires (1425) Argentina

**ACADEMIC APPOINTMENTS**

07/2021-Present	Associate Professor of Pathology, clinician educator Warren Alpert Medical School of Brown University
08/2014-06/2021	Assistant Professor, Pathology Warren Alpert Medical School of Brown University
06/2007-05/2008	C.E.M.I.C. Pathology Residency Program Teaching assistant, Pathology

06/2007-05/2008

C.E.M.I.C . School of Cytotechnologists  
Teaching assistant, Cytopathology

03/2003- 12/2003

Universidad de Buenos Aires  
Assistant Instructor, Pathology I and II

### **OTHER APPOINTMENTS**

11/2021-Present

Treasurer  
New England Society of Pathologists

09/2019-10/2021

Secretary  
New England Society of Pathologists

06/2017-Present

Director/ co-Director of Curriculum  
Pathology Residency Program  
Warren Alpert Medical School of Brown

University

01/2019-01/2021

Director of Milestones  
Pathology Residency Program  
Warren Alpert Medical School of Brown

University

10/2019-2020

President  
Rhode Island Society of Pathologists

10/2018-10/2019

Treasurer  
Rhode Island Society of Pathologists

### **HOSPITAL COMMITTEES**

08/2014-Present

Quality Assurance, Department of Pathology  
and Laboratory Medicine, Lifespan

06/2017-Present

Pathology Residency Curriculum Committee,  
Alpert Medical School of Brown University

06/2018-Present

Pathology Residency Clinical Competency  
Committee, Alpert Medical School of Brown  
University

### **MEMBERSHIP IN SOCIETIES**

American Society of Cytopathology  
American Society of Clinical Pathology  
United States and Canadian Academy of Pathology  
College of American Pathologists  
New England Society of Pathologists  
Rhode Island Society of Pathologists

### **PUBLICATIONS**

#### **ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS**

**Canepa M**, Wiggins D, Shruthi R, Wang Y. Young woman with multicentric bilateral fibroadenomas and enchondroma, a possible association with Maffucci syndrome. Human Path Reports. 2021 (Vol 26, Nov):300575.

Hart JL, **Canepa M**, Agarwal S, Lu S, Azzoli C, Garcia-Moliner M. The effect that pathologic and radiologic interpretation of invasive and non-invasive areas in lung adenocarcinoma has on T-stage and treatment. Ann Diagn Pathol. 2021 Oct;54:151799.

Lepe M, Oltulu P, **Canepa M**, Wu RI, Deeken A, Alex D, Dinares C, Doxtader EE, Fitzhugh VA, Gibier J-P, Jain D, Janaki N, Jelinek A, Labiano T, L'Imperio V, Michael C, Mukhopadhyay S, Pagni F, Angel Panizo A, Pijuan L, Quintana LM, Roy-Chowdhuri S, Sanchez-Font A, Sansano I, Sauter J, Skipper D, Spruill LS, Torous V, Gardner JM, and Jiang XS. #EBUSTwitter: Novel Use of Social Media for Conception, Coordination, and Completion of an International, Multicenter Pathology Study. Arch Pathol Lab Med. 2020 Jul 1;144(7):878-882.

**Canepa M**, Yao R, Nam GH, Patel NR, Pisharodi L. Cytomorphology of Intraductal Papillary Neoplasm of the Biliary Tract. Diagn Cytopathol. 2019 Sep;47(9):922-926.

Doxtader EE, Pijuan L, Lepe M, Alex D, **Canepa M**, Deeken AH, Gibier JB, Jain D, Janaki N, Jelinek A, Kumar S, Labiano T, L'Imperio V, Michael C, Pagni F, Panizo A, Quintana LM, Roy-Chowdhuri S, Sanchez-Font A, Skipper DC, Spruill LS, Torous V, Wu RI, Sauter JL, Mukhopadhyay S. Displaced Cartilage Within Lymph Node Parenchyma is a Novel Biopsy Site Change in Resected Mediastinal Lymph Nodes Following EBUS-TBNA. *Am J Surg Pathol*. 2019 Apr;43(4):497-503

Lepe M, Hui Y, Pisharodi L, **Canepa M**. Primary Diagnosis of Angiosarcoma by Fine Needle Aspiration: Lessons Learned from 3 Cases. *Diagn Cytopathol*. 2018; 46(4):349-354

**Canepa M**, Elsheikh TK, Sabo DA, Kolosiwsky AM, Reynolds J. Atypical Histiocytoid Cells in Metastatic Papillary Thyroid Carcinoma: An Under-recognized Cytologic Pattern. *Am J Clin Pathol*. 2017 Jul 1;148(1):58–63.

**Canepa M**, Fanta PT, Weidner N, and Peterson MR. Schistosomiasis and Signet Ring Cell Carcinoma of the Rectum. *Annals of Diagnostic Pathology*. 2012; 16(5):385-7

**Canepa M**, Lin G, Hasteh F, Krinsky ML. Mediastinal Rhabdomyoma Diagnosed by Fine Needle Aspiration Cytology. *The Internet Journal of Pathology*. 2010; 11(1)

**Canepa M**, Iotti A, Podskubka J, Iotti R. Mixed Renal Epithelial and Stromal Tumor. Report of a Case. *Patología*. 2006; 44:41-44

#### BOOK CHAPTERS

Hart J, **Canepa M**, Garcia-Moliner ML. Endometrial Cancer: Current Epidemiology, Detection and Management. 2<sup>nd</sup> ed. Samir A. Farghaly, MD, PhD Ed. Nova 2022

**Canepa M**, Patel N, Garcia-Moliner ML. Pathology and Molecular Diagnosis of Cervical Cancer and Precursor Lesions in: Uterine Cervical Cancer: Current Basic Science, Clinical and Therapeutic Perspectives. Samir A. Farghaly, MD, PhD Ed. Springer 2018

#### OTHER NON-PEER REVIEWED PUBLICATIONS

**Canepa M**, Patel NR, Griffith RC, Ng TT, Azzoli CG. KRAS Mutation for Staging Resected Non-Small Cell Lung Cancer. J Thorac Oncol. 2019 Jul;14(7):e153-e155

**Canepa M**, Deninghoff V, Perazzo F, et al. Her-2/neu Oncogene Amplification in Breast Cancer. Letters to the Editor. Medicina (Buenos Aires). 2012; 72: 88-89

### ONGOING PROJECTS

NF2 Immunostain for the Diagnosis of Mesothelioma

### INVITED PRESENTATIONS

Pathology Samples done by Interventional Radiology. Ground Rounds, Radiology Department at Rhode Island Hospital. February, 2021

Diagnostic Cytology Seminar. Annual Meeting, American Society of Cytopathology. November, 2020

Diagnostic Seminar: Cases That Teach. ASCLS-CNE. April, 2018

Video Microscopy Cytology Case Seminar. ASCLS-CNE. May, 2017

Diagnostic Seminar: Challenging Cases from Everyday Practice. ASCLS-CNE. April, 2016

Atypical Histiocytoid Cells in Metastatic Papillary Thyroid Carcinoma: An Under-Recognized Cytologic Pattern. Women and Infants Hospital of RI, Pathology Department. October 28th, 2014

### ABSTRACTS/PRESENTATIONS AT MEETINGS

**Canepa M**, Maleki S, Yakirevich E. Application of NF2 Immunohistochemistry for the Diagnosis of Mesothelioma. USCAP Meeting, 2021

Zakka F, Elco C, **Canepa M**. A Recurring Lesion of the Upper Back. Rhode Island Society of Pathologists Spring Meeting. May, 2019

Lepe M, Wu R, Oltulu P, Alex D, **Canepa M**, Deeken AH, Doxtader EE, Fitzhugh V, Gibier J-B, Jain D, Janaki N, Jelinek A, Kumar S, Labiano T, L'Imperio V, Michael C, Mukhopadhyay S, Pagni F, Panizo A, Pijuan L, Quintana LM, Roy-Chowdhuri S, Sanchez-Font A, Valero I, Sauter JL, Skipper DC, Spruill LS, Torous V, Gardner JM, Jiang XS. #EBUSTwitter: Novel Use of Social Media for Conception, Coordination and Completion of an International, Multi-Center Pathology Study. American Society of Cytopathology 66th Meeting, Washington DC. November, 2018

Doxtader EE, Pijuan L, Lepe M, Alex D, **Canepa M**, Deeken AH, Gibier JB, Jain D, Janaki N, Jelinek A, Kumar S, Labiano T, L'Imperio V, Michael C, Pagni F, Panizo A, Quintana LM, Roy-Chowdhuri S, Sanchez-Font A, Skipper DC, Spruill LS, Torous V, Wu RI, Sauter JL, Mukhopadhyay S. Biopsy Site Changes in Resected Mediastinal Lymph Nodes with Prior Endobronchial Ultrasound-Guided Transbronchial Fine Needle Aspiration (EBUS-TBNA). American Society of Cytopathology 66th Meeting, Washington DC. November, 2018

Patil P, Almardini N, Cotton T, Jackson C, Patel N, DeLellis R, Lu S, Aswad B, Pisharodi L, **Canepa M**. BRAF-Positive, Concurrent Thyroid Primary Squamous Carcinoma and Tall Cell Variant of Papillary Thyroid Carcinoma. New England Thyroid 2016 Conference, Framingham, MA. April 21, 2016

Lepe M, **Canepa M**, Aswad B, Pisharodi L. The Bethesda System Class III Thyroid Nodules: Follow Up Data and Conclusions Based on 13,194 Thyroid Fine Needle Aspirates. USCAP Meeting, Seattle. March, 2016

Hui Y, Aswad B, Pisharodi L, **Canepa M**. Diagnosis of Angiosarcoma on Fine Needle Aspirates: Report of 2 Cases. The Pathologists' Meeting from the College of American Pathologists, Nashville, TN. October, 2015

**Canepa M**, Aswad B, Pisharodi L. Cytologic-Histologic Correlation of Sub-types of Lung Adenocarcinoma Based on the IASLC/ATS/ERS Terminology. American Society of Cytopathology 63<sup>rd</sup> Meeting, Chicago, IL. November, 2015

Ouseph M, Taliano R, Mangray S, **Canepa M**. Mammary Analogue Secretory Carcinoma of Parotid Gland Diagnosed by FNA and Core Biopsy. Rhode Island Society of Pathology Meeting, Providence, RI. September, 2015



**Canepa M**, Patel J, Chute DJ, Sturgis C, Arrossi AV, Hoschar AP, and Mukhopadhyay S. Amiodarone-Induced Thyrotoxicosis: A Study of 20 Cases, with Validation of Histologic Criteria. USCAP Meeting, Boston, MA. March, 2015

**Canepa M**, Sabo DA, Kolosiwsky AM, Elsheikh TM, Reynolds JP. Atypical Histiocytoid Cells in Metastatic Papillary Thyroid Carcinoma: an Under-Recognized Cytologic Pattern. ASC 62<sup>nd</sup> Meeting, Houston, TX. November, 2014

**Canepa M**, Carrigg A, Synkowski DR, Wang H, Lee R. A Case Report of Plasma Cell Leukemia with Skin Manifestation. The American Society of Dermatopathology 46<sup>th</sup>-annual Meeting, Atlanta, GA. October, 2010

**Canepa M**, Vicens J, Avagnina A. Carcinosarcoma of the stomach. A differential Diagnosis to GIST. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June 2007

**Canepa M**, Dardanelli M, Casco C, Castiglioni T, Elsner B. Plexiform Schwannoma of the Gallbladder. Report of a case. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June, 2006

**Canepa M**, Allende D, García A, Riveros D, Avagnina A. Plasma Cell Leukemia with Myelomonocytic Differentiation. Report of a case. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June, 2006

**Canepa M**, Herrera F, Guevara M, Allegri R, Sevlever G, Avagnina A. Primary Angiitis of the CNS. Report of a Case. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June, 2006

**Canepa M**, Iotti A, Podskubka J, Iotti R. Mixed Renal Epithelial and Stromal Tumor. Report of a Case. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June, 2005

**Canepa M**, Iotti A, Iotti R. Lupus Nephritis: Clinical-Pathologic Correlation in 70 cases. Winter Meeting of the Argentinean Society of Pathology, Buenos Aires, Argentina. June, 2005

**Canepa M**, Romarís S, Iotti A, Calvo P, Iotti R. Glomerulocystic Renal Disease Diagnosed by Fine Needle Biopsy. 40th Argentinean Congress of Pathology, Argentinean Society of Pathology, Rosario, Argentina. October, 2004

## **RESIDENCY PROGRAM TEACHING**

Liver and Pancreas Cytology Lecture (1 hour)  
Brown University Pathology Residency Program  
January/December 2017, 2018, 2020, 2022

Neuroendocrine Tumors of the Lung and Mesothelioma (1 hour)  
Brown University Pathology Residency Program  
August/September 2018, 2020, 2022

Lung Tumors Surgical Pathology Slide Review (1 hour)  
Brown University Pathology Residency Program  
September 2018, 2020, 2022

Gross Conference- Cystectomy specimen for cancer (1 hour)  
Brown University Pathology Residency Program  
August 8, 2022

Introduction to Pulmonary Histology (1 hour)  
Brown University Pathology Residency Program Boot Camp  
July, 2021-2022

Introduction to Pulmonary Grossing (1 hour)  
Brown University Pathology Residency Program Boot Camp  
July, 2017-2022

Gross Conference- Penectomy specimen (1 hour)  
Brown University Pathology Residency Program  
May 23rd, 2022

Cytology board review questions (1 ½ hours)  
Brown University Pathology Residency Program  
March 11th, 2022

Unknown Slide Review for Pathology Residents (1 hour)  
Brown University Pathology Residency Program  
November 1st, 2021

Gastrointestinal Cytology Lecture (1 hour)

Brown University Pathology Residency Program  
January 23rd, 2017; October 23rd, 2017; October 21st, 2019; October 18th, 2021

Cytology board review questions (1 ½ hours)  
Brown University Pathology Residency Program  
March 22nd, 2021

ASC unknown cases review with discussion (1 hour)  
Brown University Pathology Residency Program  
May 4th, 2020

Resident's hour: Cervical Cytology RISE Exam Preparation (1 hour)  
Brown University Pathology Residency Program  
January 17<sup>th</sup>, 2020

Unknown Slide Review for Pathology Residents (1 hour)  
Brown University Pathology Residency Program  
February 6<sup>th</sup>, 2019

Slide Conference: Difficult Cases of the Month in Non-GYN Cytology (1 hour)  
Brown University Pathology Residency Program  
May 11<sup>th</sup>, 2018

Interactive On-Site Assessment Teaching Session (1 hour)  
Brown University Pathology Residency Program  
December 22<sup>nd</sup>, 2017

Cytology Cases That Teach (1 hour)  
Brown University Pathology Residency Program  
May 22<sup>nd</sup>, 2017

Microscopic Unknown Session (1 hour)  
Brown University Pathology Residency Program  
October 3<sup>rd</sup>, 2016

Cases that Teach: Potpourri of Interesting Cytology Cases (1 hour)  
Brown University Pathology Residency Program  
August 19<sup>th</sup>, 2016

Interesting Cases in Slide Format to Residents (1 hour)

Brown University Pathology Residency Program  
July 29<sup>th</sup>, 2016

Unknown Slide Conference in Dermatopathology (1 hour)  
Brown University Pathology Residency Program  
July 5<sup>th</sup>, 2016

Unknown Slide Conference in Cytopathology (1 hour)  
Brown University Pathology Residency Program  
May 9<sup>th</sup>, 2016

Anatomic Pathology Boards Preparation: Cytopathology Review. Part IV (1 hour)  
Brown University Pathology Residency Program  
January 22<sup>nd</sup>, 2016

Anatomic Pathology Boards Preparation: Cytopathology Review (1 hour)  
Brown University Pathology Residency Program  
October 30<sup>th</sup>, 2015

Histology of Urinary Tract and Endocrine System. Practical (1 hour)  
Brown University Medical School  
October 23<sup>rd</sup>, 2015

Thyroid Cytopathology (1 hour)  
Brown University Residency Program  
September 28<sup>th</sup>, 2015

Pulmonary Cytopathology  
Brown University Residency Program  
August 24<sup>th</sup>, 2015

Anatomic Pathology Boards preparation: Cytopathology Review. Part III(1 hour)  
Brown University Pathology Residency Program  
July 17<sup>th</sup>, 2015

Anatomic Pathology Boards preparation: Cytopathology Review. Part II (1 hour)  
Brown University Pathology Residency Program  
April 10<sup>th</sup>, 2015

Anatomic Pathology Boards preparation: Cytopathology Review. Part I (1 hour)

Brown University Pathology Residency Program  
March 20<sup>th</sup>, 2015

Anatomic Pathology Boards preparation: Cytopathology Review (1 hour)  
Brown University Pathology Residency Program  
February 13<sup>th</sup>, 2015

Respiratory Cytology (1 hour)  
Brown University Pathology Residency Program  
January 9<sup>th</sup>, 2015

Respiratory Cytology Interesting Case Conference (1 hour)  
Brown University Pathology Residency Program  
November 7<sup>th</sup>, 2014

### **MEDICAL SCHOOL TEACHING**

Pathology Endocrine Review (1 hour)  
Brown University Medical School  
November 2016-2022

C-Cells and Parathyroid Pathology (50 mins)  
Brown University Medical School  
November 2016-2022

Thyroid Pathology (1.3 hours)  
Brown University Medical School  
November 2016-2022

Pituitary and Adrenal Pathology (1.3 hours)  
Brown University Medical School  
November 2016-2022

Histology of Urinary Tract and Endocrine System. Practical (1 hour)  
Warren Alpert Medical School of Brown University  
October 23<sup>rd</sup>, 2015

Histology of Bone Marrow, Respiratory Tract and Blood Vessels. Practical (1 hour)  
Warren Alpert Medical School of Brown University

September 11th, 2015

## **HOSPITAL TEACHING**

Unknown Slide Review for Cytotechnologists (1 hour)  
Lifespan Cytopathology Department  
October 21st, 2022

CAP Non-Gynecologic Cytology Cases Consensus Conference (1 hour)  
Lifespan Cytopathology Department  
August 30th, 2018; May 18th, 2018; November 19th, 2019; November 17th, 2021

Journal Club: A Proposal for the Performance, Classification, and Reporting of Lymph Node Fine-Needle Aspiration Cytopathology: The Sydney System (1 hour)  
Lifespan Cytopathology Department  
November 12<sup>th</sup>, 2021

Unknown Slide Review for Cytotechnologists (1 hour)  
Lifespan Cytopathology Department  
October 22nd, 2021

Journal Club: The International System for Reporting Serous Fluid Cytopathology (1 hour)  
Lifespan Cytopathology Department  
December 13th, 2019

Unknown Slide Review for Cytotechnologists (1 hour)  
Lifespan Cytopathology Department  
October 18th, 2019

Unknown Slide Review for Cytotechnologists (1 hour)  
Lifespan Cytopathology Department  
September 19th, 2019

Journal Club: Cytologic Predictors of Malignancy in Bile Duct Brushings: a Multi-Reviewer Analysis of 60 Cases (1 hour)  
Lifespan Cytopathology Department  
April 5th, 2019

Unknown Slide Review for Cytotechnologists (1 hour)  
Lifespan Cytopathology Department  
March 15th, 2019

Diagnostic Seminar: Review of Interesting Cytology Cases (1 hour)  
Lifespan Cytopathology Department  
April 24th, 2018

Journal Club: Fine Needle Aspiration Cytology of Salivary Gland: A Diagnostic Approach Based on Pattern Recognition. Part II (1 hour)  
Lifespan Cytopathology Department  
April 13th, 2018

Journal Club: Fine Needle Aspiration Cytology of Salivary Gland: A Diagnostic Approach Based on Pattern Recognition. Part I (1 hour)  
Lifespan Cytopathology Department  
March 2nd, 2018

Gastrointestinal Cytopathology: Slide Session (2 hours)  
School of Cytotechnology, University of Rhode Island  
February 24th, 2015; February 24th, 2016; February 8th, 2017; February 13th, 2018

Practical Lung Cytology: Slide Session (2 hours)  
URI cytotechnology students  
January 16th, 2018

Slide Conference: Liver and Pancreas Cytology Cases (2 hours)  
URI cytotechnology students  
March 6th, 2017

Journal Club: Cytologic Diagnosis of Non-Invasive Follicular Thyroid Neoplasms with Papillary-Like Nuclear Features (1 hour)  
Lifespan Cytopathology Department  
February 3rd, 2017

ASCP Non-Gynecologic Assessment Event #3 Consensus Meeting (1 hour)  
Lifespan Cytopathology Department  
July 9th, 2015; July 8th, 2016

## **MENTORSHIP**

Pallavi Patil, MD  
Pathology Resident, Alpert Medical School of Brown University  
2015-2019

Mohamed Omer, MD  
Pathology Resident, Alpert Medical School of Brown University  
2021-Present

## **VOLUNTARY WORK**

Introduction and Spanish translation of “Screen for life”

An educational video promoting cervical cancer screening by Dr. Latha Pisharodi  
January 2015 to August 2016

See, Test and Treat: Free Cervical and Breast Cancer Screening Program  
Rhode Island Hospital and Women & Infants Hospital  
May 9<sup>th</sup>, 2015

Lecture: Infertility and Fibroids, Menopause and Osteoporosis, Stress Management and  
General Sexual Health  
Women’s Health Program, International Central Gospel Church of Pawtucket, RI  
March 28<sup>th</sup>, 2015

Diabetes Complications Lecture  
Programa Vida Sana, Clinica Esperanza/Hope Clinic  
February 21<sup>st</sup>, 2015

Diabetes Complications Lecture  
Programa Vida Sana, Clinica Esperanza/Hope Clinic  
January 31<sup>st</sup>, 2015

Lifespan Free Flu Shot Clinic  
Latino Cancer Control Task Force – LCCTF  
Women and Infants Hospital  
October 29<sup>th</sup>, 2014

See, Test and Treat: Free Cervical and Breast Cancer Screening Program  
Rhode Island Hospital and Women & Infants Hospital  
September 20<sup>th</sup>, 2014