

## *Curriculum vitae*

**Date: 2.23.2022**

**Luis De Las Casas**

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**Place of Birth: Peru**

### **Education**

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1989	Medical Doctor	Medicine	Peruvian University Cayetano Heredia, Lima Peru
1993-1994	Intern	Pediatrics	Texas Tech University Health Sciences Center, EL Paso Texas

### **Postdoctoral Training**

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
1999-2000	Fellow	Cytopathology	University of Wisconsin Hospital and Clinics; Madison, Wisconsin
1998-1999	Fellow	Surgical Pathology	East Carolina University, Greenville-North Carolina
1994- 1998	Resident	Anatomic and Clinical Pathology	Texas Tech University Health Sciences Center, EL Paso Texas  East Carolina University, Greenville-North Carolina

### **Current Licensure and Certification**

Medical Licensure Texas, New York, Florida,

Board and Other Certification

Cytopathology; American Board of Pathology, 11/13/2001

Anatomic and Clinical Pathology; American Board of Pathology, 09/11/2000

**Honors and Awards**

Year	Name of Honor/Award	Awarding Organization
2017	Eric A. Schenk Award for Excellence in Teaching	University of Rochester Medical Center; Rochester, NY
2016	Eric A. Schenk Award for Excellence in Teaching	University of Rochester Medical Center; Rochester, NY
2015	Faculty Teaching Award	University of Toledo Medical Center; Toledo, OH
2011	Faculty Teaching Award	University of Toledo Medical Center; Toledo, OH

**Faculty Academic Appointments**

Year(s)	Academic Title	Department	Academic Institution
2020-2022	Professor	Pathology	University of Texas Southwestern Medical Center, Dallas, Texas
2016-2020	Professor	Pathology	University of Rochester Medical Center, Rochester, New York
2010-2015	Professor	Pathology	The University of Toledo Medical Center, Toledo, Ohio

### **Appointments at Hospitals/Affiliated Institutions**

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2016-2020	Professor of Pathology	Pathology	University of Rochester Medical Center, Rochester, New York
2016-2020	Professor of Pathology	Pathology	Highland Hospital, Rochester, New York
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2020-2021	Professor of Pathology	Pathology	William P. Clements Jr. University Hospital, Dallas, Texas
2020-2021	Professor of Pathology	Pathology	Parkland Hospital, Dallas, Texas

### **Other Professional Positions:**

N.A.

### **Major Administrative/Leadership Positions**

Year(s)	Position Title	Institution
2016-2020	Director of Cytopathology Division	University of Rochester Medical Center, Rochester, New York
2010-2015	Director of Surgical Pathology and Cytopathology	The University of Toledo Medical Center, Toledo, Ohio

### **Committee Service**

2002-2013 Quality Management Anatomic Pathology Committee, ASCP

2002-2014 Member, Pathology Committee, Gynecologic Oncology Group

### **Professional Societies**

None

### **Grant Review Activities**

None

**Editorial Activities**

Year(s)	Journal Name
<u>Ad Hoc Reviewer</u>	
2001-2020	Diagnostic Cytopathology
2021- present	Archives of Pathology and Laboratory Medicine
2022- present	Seminars in Diagnostic Pathology

**Grant Support**

N.A.

**Clinical Trials Activities**

None

**Teaching Activities**

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
<u>Dissertation committees</u>	
<u>Qualifying examination committees</u>	
<u>Committees concerned with medical and graduate student education</u>	
<u>Graduate student rotations</u>	
<u>Medical student rotations</u>	
<u>Graduate student trainees</u>	

<u>Postgraduate medical education (graduate &amp; continuing medical education)</u>	
<u>Postdoctoral trainees</u>	

### **Invited Lectures**

### **SPECIAL/INVITED PRESENTATIONS AT NATIONAL AND INTERNATIONAL MEETINGS:**

- 22<sup>nd</sup> Latin American Pathology Congress, Lima, Peru, 10/08/2019-10/12/2019.
  - Aspiration Cytology of Lung Masses. Tuesday October 8, 2019.
- 42<sup>nd</sup> European Congress of Cytology, Malmö, Sweden, 16/06/2019-19/06/2019.
  - Respiratory Cytology EBUS Short Course
    - Real time cytopathology feedback (RTCF) versus traditional rapid on-site evaluation (ROSE) for EBUS-TBNA of lung cancer staging. Monday June 17, 2019.
  - Accuracy and turn-around time for tumor diagnosis of real time cytology versus frozen section for video-assisted thoracoscopic surgery (VATS).
- American Society of Cytopathology 2019 Annual Conference. 3.-5. May 2019 San Juan, Puerto Rico.
  - Real time cytopathology feedback. A journey to enhance rapid on site evaluations based on decision making processes.
  - A poor man guide to fine needle aspiration biopsy of the pancreas, May 5, 2019.
- V Congress of Oncologic Pathology. October 11-13, 2018. Trujillo, Peru.

#### Oral Presentations:

- Cell block preparation. October 11, 2018.
- Cystic lesions of the pancreas. October 11, 2018.
- Cytology of fluids. Metastatic tumors. October 11, 2018.
- American Society of Cytopathology, 65th Annual Scientific Meeting, Phoenix, Arizona. November 10-13, 2017.
  - Decision Making Process Models to Improve Accuracy in Diagnostic Cytopathology, Friday, November 10, 2017.
- Congress of the Anatomic Pathology Cuban Society, XXXII Congress of the Central American-Caribbean Pathology Association. November 14-18, 2016.

-Oral Presentation.

- The Practice of Interventional Cytology using political, social and psychologic models. Tuesday, November 15, 2016.
- Pathology and Quality Assurance Workshop. Sponsored by the Union for International Cancer Control (UICC), American Society of Clinical Pathology (ASCP) and the Ministry of Health, Honduras. September 22-23, 2016. Tegucigalpa, Honduras.

-Oral presentations September 22, 2016.

- Integrated cytopathology and surgical pathology. Lower Female Genital Tract.
- Integrated cytopathology and surgical pathology. Breast.

Workshop of Fine-Needle Aspiration Techniques, September 22, 2016.

- IV Congress of Oncologic Pathology. June 9-11, 2016. Trujillo, Peru.

Oral Presentations:

- Thyroid Cytopathology. June 9, 2016.
- Salivary Gland Cytopathology. June 9, 2016.
- Breast Cytopathology. June 9, 2016.
- Cytologic diagnosis of gastrointestinal tumors. June 10, 2016.
- Bethesda System and current vision of cervical-vaginal cytology. June 11, 2016.
- Paris terminology and Urinary Cytopathology. June 10, 2016.
- American Society of Cytopathology's 64th Annual Scientific Meeting in New Orleans, November 4-7, 2016.

Mini Non-Microscopic Workshop.

- Decision making process models to improve accuracy in diagnostic cytopathology. Saturday, November 6, 2016.
- American Society of Cytopathology's 63rd Annual Scientific Meeting in Chicago, November 13-16, 2015.

Roundtable Discussion.

- Maintaining an ultrasound-guide fine-needle aspiration (USGFNA) cytology service in an academic institution. The interventional cytopathologist role. Sunday, November 15, 2015.
- American Society of Cytopathology's 63rd Annual Scientific Meeting in Chicago, November 13-16, 2015.

Roundtable Discussion.

- Decision making process models to improve accuracy in diagnostic cytopathology. Saturday, November 14, 2015.
- American Society of Cytopathology's 61st Annual Scientific Meeting in Orlando, Florida, November 8-12, 2013.

Roundtable Discussion.

- Implementation and Maintenance of an Ultrasound-Guide Fine Needle Aspiration Service for Patients with Thyroid Nodules. Sunday, November 10, 2013.
- XX Argentinian Congress of Cytology, Buenos Aires, Argentina, August 23-25, 2012

Oral presentations:

- Utility of Fine Needle Aspiration biopsy of lymph nodes.
- Glandular versus Squamous differentiation in Gynecologic Cytology.
- False negative and false positive cases in gynecologic cytology; causes and solutions.
- Bethesda System in gynecologic cytology. Reasons for an update.
- The Diagnostic Challenges of metastatic cancer. Lecture at the Wake Forest Baptist Medical Center, North Carolina, June 26, 2012.
- Interactive Educational Meeting on RNA tumor profiling for tumors of unknown origin; at Pathwork Diagnostic, Redwood City, California; May 21-24, 2012.
- XIII IberoAmerican Meeting of Cytopathology (Lima, Peru); June 21-23, 2011

Oral Presentations:

- Consensus guidelines for the management of women with abnormal cervical screening tests.
- Mesothelioma and its differential diagnosis.
- Diagnostic pitfalls in cytopathology of the breast.
- American Society of Clinical Pathology, September 29, 2011, Teleconference: The Legacy of Dr. Frost and Accuracy in Cytopathology.
- Fine Needle Aspiration Biopsy of the Thyroid and Breast. Oral Presentation. Mexico City, Mexico March 1, 2008.
- Fine Needle Aspiration Biopsy of the Breast. Lecture and Glass Slide Session. Central Laboratory of the Minister of Public Health. San Salvador, El Salvador, November 11, 1999.
- Fine Needle Aspiration Biopsy. Oral Presentation at The School of Medicine, University Jose

Matias Delgado. San Salvador, El Salvador, November 8, 1999.

- Cytology of Fluids. Maternity Hospital. Oral Presentation. San Salvador, El Salvador, Nov 7, 1999.

### **Technological and Other Scientific Innovations**

N.A.

### **Service to the Community**

Year(s)	Role	Organization or institution
April 2014	Mini Med School presentation to community "The Art and Science of Cytopathology"	The University of Toledo College of Medicine

### **Bibliography**

### **PEER-REVIEWED PUBLICATIONS**

1. Torrealba JR, Waters J, Opsahl M, De Las Casas LE. Intraoperative cytopathology of thoracic surgery (ICTS). A captivating, worthwhile, and rewarding service line. *Semin Diagn Pathol.* 2022 Jan 31:S0740-2570(22)00005-3. doi: 10.1053/j.semdp.2022.01.005. Epub ahead of print. PMID: 35123831.
2. Ruffolo LI, Jackson KM, Kuhlers PC, Dale BS, Figueroa Guilliani NM, Ullman NA, Burchard PR, Qin SS, Juviler PG, Keilson JM, Morrison AB, Georger M, Jewell R, Calvi LM, Nywening TM, O'Dell MR, Hezel AF, De Las Casas L, Lesinski GB, Yeh JJ, Hernandez-Alejandro R, Belt BA, Linehan DC. GM-CSF drives myelopoiesis, recruitment and polarisation of tumour-associated macrophages in cholangiocarcinoma and systemic blockade facilitates antitumour immunity. *Gut.* 2021 Aug 19:gutjnl-2021-324109. doi: 10.1136/gutjnl-2021-324109. Epub ahead of print. PMID: 34413131; PMCID: PMC8857285.
3. De Las Casas LE, Danakas AM, Torrealba JR, Wizorek JJ, Ettl MG, Lada MJ, Brunnström H, Plavnický J, Sweeney M, Jones CE. Intraoperative Cytology for Video-Assisted Thoracic Surgery: A Quality Improvement Analysis. *Ann Thorac Surg.* 2022 Feb;113(2):413-420. doi: 10.1016/j.athoracsur.2021.02.043. Epub 2021 Mar 4. PMID: 33676904.
4. Ericson Lindquist K, Ciornei C, Westbom-Fremer S, Gudnaviciene I, Ehinger A, Mylona N, Urdar R, Lianou M, Svensson F, Seidal T, Haglund F, Dobra K, Béndek M, Bardóczi E, Szablewska A, Witkowski M, Ramnefjell M, De Las Casas LE, Gulyas M, Hegedus A, Micke P, Brunnström H. Difficulties in diagnostics of lung tumours in biopsies: an interpathologist

concordance study evaluating the international diagnostic guidelines. *J Clin Pathol*. 2021 Feb 5;jclinpath-2020-207257. doi: 10.1136/jclinpath-2020-207257. Epub ahead of print. PMID: 33547095.

5. Danakas AM, Jones CE, Magguilli M, Lada MJ, Plavnicky J, Parajuli S, Wizorek JJ, Peyre CG, Ettel M, Sweeney M, De Las Casas LE. Optimising rapid on-site evaluation-assisted endobronchial ultrasound-guided transbronchial needle aspiration of mediastinal lymph nodes: The real-time cytopathology intervention process. *Cytopathology*. 2021 May;32(3):318-325. doi: 10.1111/cyt.12956. Epub 2021 Feb 5. PMID: 33543822.
6. De Las Casas LE, Hicks DG. Pathologists at the Leading Edge of Optimizing the Tumor Tissue Journey for Diagnostic Accuracy and Molecular Testing. *Am J Clin Pathol*. 2021 Feb 14;aqaa212. doi: 10.1093/ajcp/aqaa212. Epub ahead of print. PMID: 33582767.
7. Li W, Molnar SL, Mott M, White E, **De Las Casas LE**. "Superficial CD34-positive fibroblastic tumor: Cytologic features, tissue correlation, ancillary studies, and differential diagnosis of a recently described soft tissue neoplasm." *Diagnostic cytopathology*. 2016 Nov; 44(11):926-930.
8. Molnar SL, Zarka MA, **De Las Casas LE**. "Going beyond Basaloid neoplasm: Fine needle aspiration cytology of epithelial-myoepithelial carcinoma of the parotid gland. *Diagnostic cytopathology*. 2016 May; 44(5):422-5.
9. Toumeh A, Sakhi R, Shah S, Arudra SK, **De Las Casas LE**, Skeel RT. "Ipilimumab-Induced Granulomatous Disease Occurring Simultaneously with Disease Progression in a Patient with Metastatic Melanoma." *American journal of therapeutics*. 2016 23(4):e1068-71.
10. Li W, Molnar S, Cantley R, Kurtycz DF, **De Las Casas LE**. "Metastatic small cell carcinoma of uterine cervix to the thyroid gland diagnosed by ultrasound guided fine needle aspiration (US-FNA) cytology: a proactive approach." *Diagnostic cytopathology*. 2015 Apr; 43(4):349-51.
11. Hammer A, Oladimeji P, **De Las Casas LE**, Diakonova M. "Phosphorylation of tyrosine 285 of PAK1 facilitates PIX/GIT1 binding and adhesion turnover." *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*. 2015 Mar; 29(3):943-59.
12. Datar I, Feng J, Qiu X, Yeung M, Arudra SKC, Ren G, Aras S, Al-Mulla Fahd, Trumbly Robert, De la Serna I, **De Las Casas LE**, Bitar MS, Yeung KC. RKIP Inhibits Local Breast Cancer Invasion By Antagonizing The Transcription Activation Of Matrix Metalloproteinase 13. *Plos One*. In Press.
13. Jain S, Chaitanya Arudra SK, **De Las Casas LE**. Cystic nephroma of the kidney. *J Urol*.2015; Vol 193, Issue 1, Pages 313–314.
14. Abbi KK, Hameed MK, Jiang Y, **De Las Casas LE**, Schwann TA. Pulmonary collision tumor consisting of adenocarcinoma and typical carcinoid- a case report and review of literature. *Am J Ther*. 2014 Nov-Dec;21(6):e234-8; Vol 21, Issue 6, Pages 234-238.
15. Hasan SS, Siddiqui NS, Chaitanya Arudra SK, **De Las Casas L E**, Akpunonu B, Nawras A. Diffuse Autoimmune Enteropathy and Colopathy in an Adult Patient Successfully Treated with

Adalimumab and a Review of the Literature. *Am J Ther.* 2014 Nov 6. [Epub ahead of print]

16. Davis EA, **De Las Casas LE**, Cantley RL. Basosquamous Carcinoma of the Vulva. *ASCP Check Sample SP14-7; Surgical Pathology* 2014; 1-13.
17. Molnar, S and **De Las Casas, LE**. Dedifferentiated acinic cell carcinoma of the parotid gland: Cytologic findings, histology, ancillary studies, and clinical correlation. *ASCP Case Reports*. March 2014.
18. Lu, A., **De Las Casas, LE**. and Gatto-Weis, C. *ASCP Case Reports*. “Alpha-1-antitrypsin Deficiency”, March 2014.
19. Yeo J, Crawford EL, Blomquist TM, Stanoszek LM, Dannemiller RE, Zyrek J, **De Las Casas LE**, Khuder SA, Willey JC. A multiplex two-color real-time PCR method for quality-controlled molecular diagnostic testing of FFPE samples. *PLoS One*. 2014 Feb 21;9(2):e89395.
20. Olivas VJ Jr, Palladino H, **De Las Casas LE**, Davis BR. Cecal diverticulitis after laparoscopic resection of appendiceal diverticulitis with perforation. *Am Surg.* 2013; Vol 79; Pages 114-116.
21. Kobalka, P., **De Las Casas, LE**. and Gatto-Weis, C. *ASCP Case Reports*. “Sertoli-Leydig Cell Tumor”. July 2013.
22. Dieker CA, **De Las Casas LE**, Davis BR. Retroperitoneal metastatic germ cell tumor presenting as a Psoas Abscess: A diagnostic pitfall. *Am J Med Sci.* 2013; Vol 346; Issue 1, Pages 70-72.
23. **De Las Casas LE**.: Malignant Struma Ovarii. *ASCP ChekPath in Anatomic Pathology, AP 13-3 (AP-1861):* 7-10, 2013.
24. **De Las Casas LE**.: Desmoplastic Small Round Cell Tumor. *ASCP ChekPath in Anatomic Pathology, AP 13-2 (AP-1840):* 3-5, 2013.
25. **De Las Casas LE**. Large cell neuroendocrine carcinoma (LCNEC), case 4, GAIN: Engaging an interdisciplinary team for NSCLC Diagnosis: *ASCP CheckPath NSCLC*, 2012.
26. **De Las Casas LE**.: Central Neurocytoma. *ASCP ChekPath in Anatomic Pathology, AP 12-3 (AP-1825):* 9-11, 2012.
27. Olivas VJ Jr, Ahmeti M, **De Las Casas LE**, Davis BR. Surgical resection of small bowel plasmablastic lymphoma for chronic bleeding. *Am Surg.* 2011; Vol 77; Pages 142-3.
28. Egwuonwu S, Gatto-Weis C, Miranda R, **De Las Casas LE**. Gastrointestinal Kaposi sarcoma with appendiceal involvement. *South Med J.* 2011; Vol 104; Pages 278-281.
29. Sofi AA, **De Las Casas LE**, Tariq Z, Nawras A, Youssef W. Fulminant Hepatic Failure Secondary to Metastatic Transitional Cell Carcinoma-Case Report and Review of the Literature. *J Gastrointest Cancer* 2011 Dec 30. DOI: 10.1007/s12029-011-9354-1
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32. **De Las Casas LE**, Kalamegham R, Miranda RN, Boman DA, Ramos-Duran LR, Leon ME. Lymphadenoma of the parotid gland: cytologic findings, tissue correlation, and differential diagnosis. *Cytopathology*. 2011; Vol 22; Pages 418-420.
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34. **De Las Casas LE.**: Renal Medullary carcinoma. ASCP CheckPath in Anatomic Pathology, AP 10-3 (AP-1723): 6-9, 2010.
35. **De Las Casas LE**, Morales AM, Boman DA, Tyroch AH, Calleros-Macias JE, Miranda RN. Rheumatoid Ascites: Laparoscopic Aspiration Cytology. *Acta Cytol*. 2010; Vol 54; Pages 1123-1126.
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44. **De Las Casas LE.**: Papillary Nephrogenic Adenoma. ASCP CheckPath in Anatomic Pathology, AP 07-2 (AP-2408): 7-9, 2007.

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49. Cremer M, **De Las Casas LE**, Kurtycz DF, Schink J. Liquid-based cytologic specimen studies to screen for cervical dysplasia in rural El Salvador. *Int J Gynaecol Obstet*. 2005; Vol 90; Pages 167-170.
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Cytopathol. 2002; Vol 26; Pages 283-289.

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## Book Chapters

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## Abstracts

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2. Sweeney M, Varghese S, Kovar S, Almeter EJ, Babjeck S, Plavnický J, Khatib H, **De Las Casas LE**. Cytologic Features within Hyperchromatic Crowded Groups on Pap tests from Women 50 Years of Age or Older to Distinguish Atrophy-Related Changes from High Grade Dysplasia. Abstract Presentation at 108th Annual Meeting of the United States and Canadian Academy of Pathology. National Harbor, Maryland. March 16-21, 2019.
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