

# Fabio Rocha Fernandes Tavora, MD, PhD

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## **Education**

<i>Post-doctoral fellowship</i>	Brown University Pathology Department	2019-2020
<i>Ph.D.</i>	Universidade Federal de Sao Paulo/EPM, Brazil	2011-2013
<i>M.D.</i>	Universidade Federal do Ceara, Brazil	1996-2002

## **Postgraduate Education**

Resident in Pathology (AP) Department of Pathology University of Maryland School of Medicine Baltimore, MD Director: Olga B. Ioffe, MD	2004-2006
Callender-Binford Fellow, Pulmonary and Mediastinal Pathology Department of Pulmonary and Mediastinal Pathology Armed Forces Institute of Pathology Washington, DC Director: Teri J. Franks, M.D.	2006-2007
Clinical Fellow, Genitourinary Pathology Department of Genitourinary Pathology The Johns Hopkins Hospital Baltimore, MD Director: Jonathan Epstein, MD	2007-2008

## **Professional Experience**

<b>Chief Executive Officer and Co-Founder</b> Argos Laboratory, Anatomic and Molecular Pathology Fortaleza-CE, Brazil	2011-current
<b>Pathologist Consultant</b> Messejana Heart and Lung Hospital Fortaleza-CE, Brazil	2011-current
<b>Professor of Pathology – Graduate School</b> Federal University of Ceara	2013-current

Fortaleza-CE, Brazil

Staff Pathologist Department of Genitourinary Pathology Armed Forces Institute of Pathology Washington, DC Chairperson: Isabell Sesterhenn, MD	2008-2010
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### **Certifications**

Board certified in Anatomic Pathology College of American Pathologists Fellow, American Society of Clinical Pathology	08/2007  2010-present
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### **Medical Licensures**

State of Michigan District of Columbia State of Maryland State of Ceara, Brazil State of Sao Paulo, Brazil	4301090336 (expired) MD037465 (expired) D69980 (expired) Active Active
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### **Professional Memberships**

College of American Pathologists Maryland Society of Pathologists United States and Canadian Academy of Pathology Pulmonary Pathology Society International Society of Urological Pathology Society of Cardiovascular Pathology Brazilian Society of Pathologists	2005 2005 2005 2006 2008 2012 2010
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### **Honors and Awards**

**2005 CAP Foundation Training in Technology Award** – John Hopkins Medical Institutions Molecular Diagnostics Laboratory – “Haplotyping of the human adrenoreceptor gene in a single experiment using reverse transcriptase, real time PCR”. March and April, 2006 . Advisor: Christopher Gocke, MD

**2006 Pulmonary Pathology Society Award at USCAP meeting**  
Honorable Mention

***Magna cum Laude* University Honor**  
Federal University of Ceara

### **International Service**

Editorial and Consensus Conference for the WHO Classification of Tumours of the Lung, Thymus and Heart, March 12-16, 2014, Lyon, France

Editorial and Consensus Conference for the WHO Classification of Tumours of the Lung, Thymus and Heart, 2020-2021, online

Editorial and Consensus Conference for the WHO Classification of Tumours of the Genitourinary tract, 2021, online

**Editorial and Consensus Conference for the WHO Classification of Tumours of the Lung, Thymus and Heart, 2025-2026, member**

**Pathology Committee of the International Association for the Study of Lung Cancer, member 2025-2027**

### **Scientific Journals Ad Hoc Reviewer**

American Journal of Cardiology	2007-2010
American Journal of Rheumatology	2007-2010
Human Pathology	2007-2008
Pathology	2008-2012
Journal of Alzheimer's Disease	2008-present
International Brazilian Journal of Urology	2008-present
Autopsy and case reports	2013-present
Brazilian Journal of Pathology	2012-present
Oncotarget	2015-present
Surgical and Experimental Pathology	2017-present

### **Clinical Activities**

Subspecialty expertise in pulmonary pathology, cardiovascular pathology, transplant pathology and genitourinary pathology

Clinical practice responsibilities

*Primary practice: Argos Laboratory*

Clinical Duty:

- Renders diagnoses on 800 surgical specimens monthly, 100 pulmonary specimens and more than 150 prostate and bladder specimens
- Evaluates general surgical pathology specimens, including all genitourinary, heart and lung biopsies, lung biopsies and resections;
- Participates in thoracic, breast and genitourinary tumor boards

*Secondary practice: Messejana Heart and Lung Hospital, Head of Surgical Pathology*

- Renders diagnosis on 200 surgical specimens monthly
- Evaluates lung and heart specimens, including heart and lung explants, lung resections for tumor and interstitial disease, lung and heart biopsies for rejection.
- Teaching of pulmonology and cardiology residents

### **Management Activities**

Argos Laboratory ([www.argospatologia.com.br](http://www.argospatologia.com.br))

Argos is a reference regional surgical pathology laboratory with emphasis in oncologic pathology with more than 100,000 specimens annually.

*Founder and Executive Director*

Responsibilities include:

- Defining management and growth strategies for the business
- Co-leading all major initiatives of the Laboratory together with the other two founders

Messejana Heart and Lung Hospital

Reference center in Brazil for heart and lung transplants. Studies about 4,000 specimens annually.

*Head of Surgical Pathology*

Responsibilities include:

- Management of a team of histotechnicians, pathologists assistants and 1 one other pathologists
- Member of Scientific Advisory Board

Director of International Relationships, Brazilian Society of Pathology  
2017-2019 and 2019-2022 terms  
[www.sbp.org.br](http://www.sbp.org.br)

**Recent and ongoing research projects:**

2019 – present

Assessment of the impact of lymphadenectomy and adequacy to classification R (residual tumor) on the survival of patients undergoing lung resection for lung cancer in a public hospital in Fortaleza-CE

Role: PI

Federal University of Ceará Graduate Program in Pathology

2019 – present

Immunohistochemical characterization of dendritic cells in regional lymph nodes of patients with non-small cell lung cancer undergoing surgical resection

Role: PI

Federal University of Ceará Graduate Program in Pathology

2019 – present

Immunohistochemical characterization of dendritic cells in regional lymph nodes of patients with non-small cell lung cancer undergoing surgical resection

Role: PI

Federal University of Ceará Graduate Program in Pathology

2019 – present

Analysis of Glycogen Synthase Kinase-3 (GSK3) expression as a potential biomarker for lung cancer and its correlation with Programmed Cell Death-Ligating Protein-1 (PD-L1)

Role: PI

Federal University of Ceará Graduate Program in Pathology

2016 – present

Patterns of oncologic care and assessment of PD-L1 expression, along with its association with EML4-ALK and EGFR status in pulmonary adenocarcinomas from Northeastern Brazil

Role: PI

Federal University of Ceará Graduate Program in Pathology

2019 – present

Association of PD-L1 and interferon gamma expression with bcg treatment in urothelial carcinomas of the bladder

Role: PI

Federal University of Ceará Graduate Program in Pathology

2014 – present

Prevalence of PTEN loss and ERG expression in a Brazilian prostate cancer Cohort

Role: PI

Federal University of Ceará Graduate Program in Pathology

2018 - present

Immunohistochemical profiling of dendritic cells in mediastinal lymph nodes of patients with non-small cell lung cancer.

Role: PI

Messejana Heart and Lung Hospital and Federal University of Ceará Graduate Program in Pathology

2018 - present

Expression of GSK3B (human glycogen synthase kinase 3 beta) in resected lung adenocarcinomas and correlation with biomarkers and survival

Role: co-investigator

PI: Benedito Carneiro, Brown University, Providence, USA

2017 - present

Pulmonary mucinous adenocarcinomas: a clinicopathologic series with emphasis on the prognostic significance of spread through alveolar spaces, and presence of solid growth component

PI: Allen Burke, MD, University of Maryland, Baltimore, USA

Role: co-investigator

2013 – present

Assessment of ALK and PD-L1 protein expression in pulmonary non-small cell carcinomas, a prospective multicenter study

Role: PI

Messejana Heart and Lung Hospital, Fortaleza, Brazil

2013 – 2017

The Evaluation of Angiogenesis Markers in Hepatocellular Carcinoma and Precursor Lesions in Liver Explants From a Single Institution

Role: PI

Federal University of Ceará Graduate Program in Pathology

2012 – 2014

Prognostic implications of EGFR mutations and expression of ERCC1, STAT3, Akt and ERK1/2 in pulmonary adenocarcinomas

Role: PI

Messejana Heart and Lung Hospital, Fortaleza, Brazil

2011 - 2012

Lymphocytic Myocarditis at Autopsy in Patients with Dengue Fever

Role: PI

Federal University of Ceara, Fortaleza, Brazil

2010 - 2011

Prostatic carcinomas with neuroendocrine differentiation, a morphologic study on needle biopsies

Role: PI

Federal University of Ceara, Fortaleza, Brazil

Argos Laboratory, Fortaleza, Brazil

2009 - 2012

Mutation analyses and quantitative Immunohistochemistry of Desmosomal Proteins (Plakoglobin, Desmoplakin and Plakophilin), Connexin-43, and N-cadherin in Arrhythmogenic Cardiomyopathy: an Autopsy Study

PI: Allen Burke, MD, University of Maryland, Baltimore, USA

Role: co-investigator

### **Teaching Responsibilities**

<u>UNICHRISTUS School of Medicine</u> Associate Professor of Pathology	2016-2019
<u>Federal University of Ceara</u> Associate Professor of Pathology Graduate Program in Pathology, Mentor	2013-2014 2013-present
<u>Johns Hopkins School of Medicine</u> 2 <sup>nd</sup> Year Pathology Course Instructor as Fellow in Genitourinary Pathology	2007-2008
<u>University of Maryland School of Medicine</u> Pathophysiology and Therapeutics Course Instructor as Resident in Pathology	2005-2006
Pulmonary pathology review Pulmonary & Critical Care Fellowship Program	2006-2007

### Grant Support

Completed Grants as Principal Investigator

10/07/2012-03/01/2014 (Principal Investigator, 100%)

"Expression of EGFR and molecules downstream to PI3K/Akt, Raf-1-MEK-1-MAP (Erk1/2) and JAK (STAT3) pathways in invasive lung adenocarcinomas resected at a single institution"

Total Directs: \$28,000

01/09/2022-present

### Books:

1. Burke A.P.; **Tavora F**: *Practical Cardiovascular Pathology*. Lippincott Williams & Wilkins. 2012
2. Burke A.P.; **Tavora F**.; Maleszewski J.J.; Frazier, A.A. : *Atlas of Tumor Pathology, Tumors of the Heart and Great Vessels*. Armed Forces Institute of Pathology, Washington, D.C. 2014
3. Burke A.P., Aubry M.C., Maleszewski J.J., Alexiev, B. , **Tavora F**. *Practical Thoracic Pathology*. Lippincott Williams & Wilkins, 2016,

### Book Chapters

1. **Tavora F**; Pozzan, G.; Tumores cardíacos. In: *Manual de Padronização de Laudos Histopatológicos*. Sociedade Brasileira de Patologia, 2013
2. **Tavora FR**. Burke A. Myocarditis (Pathology - Anatomic Pathology - Cardiovascular). *eMedicine* from WebMD. Updated June 23, 2013. Available at: <http://emedicine.medscape.com/article/1612533-overview>.
3. **Tavora F**, Burke A. Thoracic Aortic Aneurysms (Pathology - Anatomic Pathology - Cardiovascular). *Emedicine* from webMD. Available at: <http://emedicine.medscape.com/article/1612552-overview>
4. **Tavora F**, Cheng L. Prostatic Stromal Tumors of Uncertain Malignant Potential, Prostate (Pathology - Anatomic Pathology - Genitourinary) Group Publishing System II. *Emedicine* from webMD. Available at <http://emedicine.medscape.com/article/1611918-overview>

5. Gonzalez-Cuyar L, **Tavora F**, Caminha I, Perry G, Smith MA, Castellani RA. Cellular Respiration and Tumor Suppressor Genes - an undervalued relationship. In: *Cellular respiration and carcinogenesis*. Humana Press; 1 edition (October 24, 2008).
6. **Tavora, F**. AIDS, sexuality and Ethics. Regional Ethical Committee of the Brazilian Medical Association (CREMEC). 2002 (1): 48-54.

## **Publications**

### **Journal Articles (Peer Reviewed)**

1. Chou TY, Dacic S, Wistuba I, Beasley MB, Berezowska S, Chang YC, Chung JH, Connolly C, Han Y, Hirsch FR, Hwang DM, Janowczyk A, Joubert P, Kerr KM, Lin D, Minami Y, Mino-Kenudson M, Nicholson AG, Papotti M, Rekhtman N, Roden AC, Thunnissen E, von der Thüsen JH, Travis W, Tsao MS, Yatabe Y, Yeh YC, Bubendorf L, Chang WC, Denninghoff V, Fernandes **Tavora FR**, Hayashi T, Hofman P, Jain D, Kim TJ, Lantuejoul S, Le Quesne J, Lopez-Rios F, Matsubara D, Noguchi M, Radonic T, Saqi A, Schalper K, Shim HS, Sholl L, Weissferdt A, Cooper WA; IASLC Pathology Committee. Differentiating separate primary lung adenocarcinomas from intrapulmonary metastases with emphasis on pathological and molecular considerations: Recommendations from the IASLC Pathology Committee. *J Thorac Oncol*. 2024 Nov 21:S1556-0864(24)02479-1. doi: 10.1016/j.jtho.2024.11.016. Epub ahead of print. PMID: 39579981.
2. Silva, Samuel ; Sousa, Juliana C. ; Nogueira, Cleto ; Feijo, Raquel ; Neto, Francisco Martins ; Marinho, Laura Cardoso ; Sousa, Guilherme ; Denninghoff, Valeria; **Tavora, Fabio** . Relationship between the expressions of DLL3, ASC1, TTF-1 and Ki-67: First steps of precision medicine at SCLC. *Oncotarget*, v. 15, p. 750-763, 2024.
3. Velozo, Guilherme ; Cordeiro, Juliana ; Sousa, Jefferson ; Holanda, Ana Cláudia ; Pessoa, Giovanni ; Porfírio, Mônica ; **Távora, Fábio** . Comparison of glass and digital slides for cervical cytopathology screening and interpretation. *DIAGNOSTIC CYTOPATHOLOGY*, v. 1, p. 543, 2023.
4. Maleszewski JJ, Basso C, Burke A, Castonguay M, Leduc C, **Tavora F**, Sheppard M, Suri R, Judge M, Cooper WA. Dataset for the reporting of neoplasms of the heart, pericardium, and great vessels: recommendations from the International Collaboration on Cancer Reporting (ICCR). *Virchows Arch*. 2022 Dec 13. doi: 10.1007/s00428-022-03473-7.
5. Teixeira AC, **Távora F**, Mourão EA, Castaldelli GB, Evangelista TBAB, de Matos Esmeraldo R, de Sandes-Freitas TV. The Immunohistochemical Expression of the Von Willebrand Factor: A Potential Tool to Predict Kidney Allograft Outcomes. *Appl Immunohistochem Mol Morphol*. 2022 Nov-Dec 01;30(10):687-693. doi: 10.1097/PAI.0000000000001078. Epub 2022 Oct 18. PMID: 36251974.
6. Caminha I, **Távora F**, Sousa J, Martins Neto F, Cavalcanti LPG. Impact of the COVID-19 pandemic on the diagnosis of lung cancer in northeastern Brazil. *J Bras Pneumol*. 2022 Nov 28;48(6):e20220248. doi: 10.36416/1806-3756/e20220248. PMID: 36449820; PMCID: PMC9747184.
7. Maleszewski JJ, Basso C, Bois MC, Glass C, Klarich KW, Leduc C, Padera RF, **Tavora F**. The 2021 WHO Classification of Tumors of the Heart. *J Thorac Oncol*. 2022 Apr;17(4):510-518. doi: 10.1016/j.jtho.2021.10.021. Epub 2021 Nov 10. PMID: 34774791.

8. Alves M, Borges DP, Kimberly A, Martins Neto F, Oliveira AC, de Sousa JC, Nogueira CD, Carneiro BA, **Tavora F**. Glycogen Synthase Kinase-3 Beta Expression Correlates With Worse Overall Survival in Non-Small Cell Lung Cancer-A Clinicopathological Series. *Front Oncol*. 2021 Mar 9;11:621050. doi: 10.3389/fonc.2021.621050. PMID: 33767989; PMCID: PMC7985549.
9. Henrich SE, McMahon KM, Plebanek MP, Calvert AE, Feliciano TJ, Parrish S, **Tavora F**, Mega A, De Souza A, Carneiro BA, Thaxton CS. Prostate cancer extracellular vesicles mediate intercellular communication with bone marrow cells and promote metastasis in a cholesterol-dependent manner. *J Extracell Vesicles*. 2020 ec;10(2):e12042. doi: 10.1002/jev2.12042. Epub 2020 Dec 31. PMID: 33408816; PMCID: PMC7775568.
10. Souza PMM, Gerson G, Soares CEL, Souza SG, Dias JS, Melo DN, Ruiz EM, **Tavora F**, Cavalcanti LPG. COVID-19 Home Deaths without Medical Assistance in Northeastern Brazil. *Am J Trop Med Hyg*. 2020 Dec 10;104(2):514-518. doi: 10.4269/ajtmh.20-1210. PMID: 33308386; PMCID: PMC7866358.
11. Teixeira AC, **Távora F**, de Deus E Silva MLF, Prado RMG, de Matos Esmeraldo R, de Sandes-Freitas TV. The immunohistochemical expression of von Willebrand
12. factor, T-cadherin, and Caveolin-1 is increased in kidney allograft biopsies with antibody-mediated injury. *Clin Exp Nephrol*. 2021 Mar;25(3):305-314. doi:10.1007/s10157-020-01994-6. Epub 2020 Nov 26. PMID: 33242156.
13. De Souza A, **Tavora F**, Mahalingam D, Munster PN, Safran HP, El-Deiry WS, Carneiro BA. Commentary: GSK-3 Inhibition as a Therapeutic Approach Against SARs CoV2: Dual Benefit of Inhibiting Viral Replication While Potentiating the Immune Response. *Front Immunol*. 2020 Oct 19;11:595289. doi: 10.3389/fimmu.2020.595289. PMID: 33193448; PMCID: PMC7604263.
14. Gurgel DC, Wong DVT, Bandeira AM, Pereira JFB, Gomes-Filho JV, Pereira AC, Barros Silva PG, **Távora FRF**, Pereira AF, Lima-Júnior RCP, Almeida PRC. Cytoplasmic CCR7 (CCR7c) immunoexpression is associated with local tumor recurrence in triple-negative breast cancer. *Pathol Res Pract*. 2020 Dec;216(12):153265. doi: 10.1016/j.prp.2020.153265. Epub 2020 Oct 22. PMID:33181406.
15. Prabhu VV, Morrow S, Rahman Kawakibi A, Zhou L, Ralff M, Ray J, Jhaveri A, Ferrarini I, Lee Y, Parker C, Zhang Y, Borsuk R, Chang WI, Honeyman JN, **Tavora F**, Carneiro B, Raufi A, Huntington K, Carlsen L, Louie A, Safran H, Seyhan AA, Tarapore RS, Schalop L, Stogniew M, Allen JE, Oster W, El-Deiry WS. **ONC201 and**
16. **imipridones: Anti-cancer compounds with clinical efficacy.** *Neoplasia*. 2020 Dec;22(12):725-744. doi: 10.1016/j.neo.2020.09.005. Epub 2020 Oct 23. PMID:33142238; PMCID: PMC7588802.
17. Borden BA, Baca Y, Xiu J, **Tavora F**, Winer I, Weinberg BA, Vanderwalde AM, Darabi S, Korn WM, Mazar AP, Giles FJ, Crawford L, Safran H, El-Deiry WS, Carneiro BA. The Landscape of Glycogen Synthase Kinase-3 Beta Genomic Alterations in Cancer. *Mol Cancer Ther*. 2021 Jan;20(1):183-190. doi: 10.1158/1535-7163.MCT-20-0497. Epub 2020 Oct 21. PMID: 33087512.
18. Fine SW, Trpkov K, Amin MB, Algaba F, Aron M, Baydar DE, Beltran AL, Brimo F, Cheville JC, Colecchia M, Comperat E, Costello T, da Cunha IW, Delprado W, DeMarzo AM, Giannico GA, Gordetsky JB, Guo CC, Hansel DE, Hirsch MS, Huang J, Humphrey PA, Jimenez RE, Khani F, Kong MX, Kryvenko ON, Kunju LP, Lal P, Latour M, Lotan T, Maclean F, Magi-Galluzzi C, Mehra R, Menon S, Miyamoto H, Montironi R, Netto GJ, Nguyen JK, Osunkoya AO, Parwani A, Pavlovich CP, Robinson BD, Rubin MA, Shah RB, So JS, Takahashi H, **Tavora F**, Tretiakova MS, True L, Wobker SE, Yang XJ, Zhou M, Zynger DL, Epstein JI. Practice patterns related to prostate cancer grading: results of a 2019 Genitourinary Pathology Society clinician survey. *Urol Oncol*. 2021 May;39(5):295.e1-295.e8. doi: 10.1016/j.urolonc.2020.08.027. Epub 2020 Sep 15. PMID: 32948433.

19. Epstein JI, Amin MB, Fine SW, Algaba F, Aron M, Baydar DE, Beltran AL, Brito F, Cheville JC, Colecchia M, Comperat E, da Cunha IW, Delprado W, DeMarzo AM, Giannico GA, Gordetsky JB, Guo CC, Hansel DE, Hirsch MS, Huang J, Humphrey PA, Jimenez RE, Khani F, Kong Q, Kryvenko ON, Kunju LP, Lal P, Latour M, Lotan T, Maclean F, Magi-Galluzzi C, Mehra R, Menon S, Miyamoto H, Montironi R, Netto GJ, Nguyen JK, Osunkoya AO, Parwani A, Robinson BD, Rubin MA, Shah RB, So JS, Takahashi H, **Tavora F**, Tretiakova MS, True L, Wobker SE, Yang XJ, Zhou M, Zynger DL, Trpkov K. The 2019 Genitourinary Pathology Society (GUPS) White Paper on Contemporary Grading of Prostate Cancer. *Arch Pathol Lab Med.* 2021 Apr 1;145(4):461-493. doi: 10.5858/arpa.2020-0015-RA. PMID: 32589068.
20. Gandhi JS, Smith SC, Paner GP, McKenney JK, Sekhri R, Osunkoya AO, Baras AS, DeMarzo AM, Cheville JC, Jimenez RE, Trpkov K, Colecchia M, Ro JY, Montironi R, Menon S, Hes O, Williamson SR, Hirsch MS, Netto GJ, Fine SW, Sirohi D, Kaushal S, Sangoi A, Robinson BD, Kweldam CF, Humphrey PA, Hansel DE, Schultz L, Magi-Galluzzi C, Przybycin CG, Shah RB, Mehra R, Kunju LP, Aron M, Kryvenko ON, Kench JG, Kuroda N, **Tavora F**, van der Kwast T, Grignon DJ, Epstein JI, Reuter VE, Amin MB. Reporting Practices and Resource Utilization in the Era of Intraductal Carcinoma of the Prostate: A Survey of Genitourinary Subspecialists. *Am J Surg Pathol.* 2020 May;44(5):673-680. doi: 10.1097/PAS.0000000000001417. PMID: 31876580.
21. Morais CE, Gurgel DC, Teixeira AC, Mattos TVA, Silva AVAD, **Tavora F**. Prevalence of ERG expression and PTEN loss in a Brazilian prostate cancer cohort. *Braz J Med Biol Res.* 2019 Dec 5;52(12):e8483. doi: 10.1590/1414-431X20198483. PMID: 31826177; PMCID: PMC6903141.
22. Nonaka CKV, Macêdo CT, Cavalcante BRR, Alcântara AC, Silva DN, Bezerra MDR, Caria ACI, **Tavora FRF**, Neto JDS, Noya-Rabelo MM, Rogatto SR, Ribeiro Dos Santos R, Souza BSF, Soares MBP. Circulating miRNAs as Potential Biomarkers Associated with Cardiac Remodeling and Fibrosis in Chagas Disease Cardiomyopathy. *Int J Mol Sci.* 2019 Aug 20;20(16):4064. doi: 10.3390/ijms20164064. PMID: 31434314; PMCID:
23. Oliveira ACDSM, Silva AVAD, Alves M, Cronemberger E, Carneiro BA, Melo JC, Martins Neto F, **Tavora F**. Molecular profile of non-small cell lung cancer in northeastern Brazil. *J Bras Pneumol.* 2019 Jun 3;45(3):e20180181. doi: 10.1590/1806-3713/e20180181. PMID: 31166373; PMCID: PMC6715033.
24. Sahin I, Eturi A, De Souza A, Pamarthy S, **Tavora F**, Giles FJ, Carneiro BA. Glycogen synthase kinase-3 beta inhibitors as novel cancer treatments and modulators of antitumor immune responses. *Cancer Biol Ther.* 2019;20(8):1047-1056. doi: 10.1080/15384047.2019.1595283. Epub 2019 Apr 12. PMID: 30975030; PMCID: PMC6606036.
25. Cavalcante CTMB, Pinto Junior VC, Pompeu RG, Teles ACO, Bandeira JA, Maia ICL, **Tavora FRF**, Cavalcante MB, Zamarian ACP, Araujo Júnior E, Castello Branco KM. Perinatal unusual rhabdomyoma location - case report and systematic reviews of the literature. *J Matern Fetal Neonatal Med.* 2021 Jan;34(1):137-151. doi: 10.1080/14767058.2019.1597044. Epub 2019 Apr 2. PMID: 30895836.
26. Vieira JL, **Távora FRF**, Sobral MG, Vasconcelos GG, Almeida GPL, Fernandes JR, da Escóssia Marinho LL, de Mendonça Trompieri DF, De Souza Neto JD, Mejia JAC. Chagas Cardiomyopathy in Latin America Review. *Curr Cardiol Rep.* 2019 Feb 12;21(2):8. doi: 10.1007/s11886-019-1095-y. PMID: 30747287.
27. Nonaka CKV, Macêdo CT, Cavalcante BRR, Alcântara AC, Silva DN, Bezerra MDR, Caria ACI, **Tavora FRF**, Neto JDS, Noya-Rabelo MM, Rogatto SR, Ribeiro Dos Santos R, Souza BSF,

- Soares MBP. Circulating miRNAs as Potential Biomarkers Associated with Cardiac Remodeling and Fibrosis in Chagas Disease Cardiomyopathy. *Int J Mol Sci*. 2019 Aug 20;20(16).
28. Oliveira ACDSM, Silva AVAD, Alves M, Cronemberger E, Carneiro BA, Melo JC, Martins Neto F, **Tavora F**. Molecular profile of non-small cell lung cancer in northeastern Brazil. *J Bras Pneumol*. 2019 Jun 3;45(3):e20180181. doi: 10.1590/1806-3713/e20180181.
  29. Sahin I, Eturi A, De Souza A, Pamarthy S, **Tavora F**, Giles FJ, Carneiro BA. Glycogen synthase kinase-3 beta inhibitors as novel cancer treatments and modulators of antitumor immune responses. *Cancer Biol Ther*. 2019;20(8):1047-1056. doi: 10.1080/15384047.2019.
  30. 3: Vieira JL, **Távora FRF**, Sobral MG, Vasconcelos GG, Almeida GPL, Fernandes JR, da Escóssia Marinho LL, de Mendonça Trompieri DF, De Souza Neto JD, Mejia JAC. Chagas Cardiomyopathy in Latin America Review. *Curr Cardiol Rep*. 2019 Feb 12;21(2):8. doi: 10.1007/s11886-019-1095-y. Review. PubMed PMID: 30747287.
  31. Paul, A; **Tavora, F**; Burke, A; Pulmonary mucinous adenocarcinomas: a clinicopathologic series with emphasis on the prognostic significance of spread through alveolar spaces, and presence of solid growth component. *Surg Exp Pathol* (2018) 1: 3. <https://doi.org/10.1186/s42047-018-0013-8>
  32. Egevad L, Cheville J, Evans AJ, Hörnblad J, Kench JG, Kristiansen G, Leite KRM, Magi-Galluzzi C, Pan CC, Samaritunga H, Srigley JR, True L, Zhou M, Clements M, Delahunt B; ISUP Pathology Imagebase Expert Panel. Pathology Imagebase-a reference image database for standardization of pathology. *Histopathology*. 2017 Nov;71(5):677-685. doi: 10.1111/his.13313. Epub 2017 Sep 13. PubMed PMID: 28722802.
  33. Chuzi S, **Tavora F**, Cruz M, Costa R, Chae YK, Carneiro BA, Giles FJ. Clinical features, diagnostic challenges, and management strategies in checkpoint inhibitor-related pneumonitis. *Cancer Manag Res*. 2017 Jun 14;9:207-213. doi: 10.2147/CMAR.S136818. eCollection 2017. Review. PubMed PMID: 28652812; PubMed Central PMCID: PMC5476791.
  34. Souza BSF, Silva DN, Carvalho RH, Sampaio GLA, Paredes BD, Aragão França L, Azevedo CM, Vasconcelos JF, Meira CS, Neto PC, Macambira SG, da Silva KN, Allahdadi KJ, **Tavora F**, de Souza Neto JD, Dos Santos RR, Soares MBP. Association of Cardiac Galectin-3 Expression, Myocarditis, and Fibrosis in Chronic Chagas Disease Cardiomyopathy. *Am J Pathol*. 2017 May;187(5):1134-1146. doi: 10.1016/j.ajpath.2017.01.016. Epub 2017 Mar 17. PubMed PMID: 28322201.
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#### **Publications (Non-Peer Reviewed)**

1. Morais CE, Frazier A, Burke A, **Tavora F**. Idiopathic acute lung injury: acute interstitial pneumonia, and exacerbation of non-specific interstitial fibrosis. *Pathol Case Rev* 2014.
2. **Tavora F**, Burke A. Ewing's sarcoma of the rib, pathologic assessment and prognostic factors. *ASCP Check Sample*, Surgical Pathology No. CHKS-2006-01-0002-SP II.R1. July 2006.
3. **Tavora F**, Burke A. Review of isolated ascending aortitis: differential diagnosis, including syphilitic, Takayasu's and giant cell aortitis. *Pathology*. 2006 Aug;38(4):302-8. Review article.
4. **Tavora F**, Galvin J, Franks TJ. Pathologic assessment and differential diagnoses of large cell neuroendocrine carcinoma (LCNEC). *ASCP Check Sample*, Surgical Pathology II series. Expected publication: December, 2007.

#### **Language Fluency other than English**

Portuguese – Native language.

Spanish– Reading, understanding and speaking domain.

German – Reading and understanding domain.