

Curriculum vitae

Date Prepared: 8/1/2022
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Place of Birth: China



Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
2001	MD	Medicine	Peking University Health Science Center, Beijing, China
2008	PhD	Developmental Biology (Laura Grabel)	Wesleyan University, Middletown, CT

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2010	Postdoc	Neuroscience	University of Connecticut Health Science Center, Farmington, CT
2012	Resident	Anatomic Pathology	Washington University, St. Louis, MO
2014	Fellow	Neuropathology	Washington University, St. Louis, MO
2015	Fellow	Surgical Pathology	Washington University, St. Louis, MO

Current Licensure and Certification

Licensure

Permanent Texas Medical License, 2015-current
Temporary Faculty License, Texas Medical Board 2015
Permanent Missouri Medical License 2014-2016

Board and Other Certification

American Board of Pathology, AP/NP combined exam
AP portion –Passed (6/11/2014, first attempt)

NP portion –Passed (9/24/2015, first attempt)

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
1997	Outstanding Student Award	Peking University Health Science Center, Beijing China
1998	First Class Student Fellowship	Peking University Health Science Center, Beijing China
2008	Keifer Graduate Research Award	Wesleyan University, Middletown, CT
2016	Student Travel Award	American Association of Neuropathologists (AANP) annual meeting (mentor of Joseph Kellum)
2018	LEAD (Leadership Emerging in Academic Departments) Program	Office of Faculty Diversity & Development, UT Southwestern Medical Center
2020	Richard Davis Award	American Association of Neuropathologists (AANP) annual meeting (mentor of Elena Daoud)

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2014	Instructor	Pathology	Washington University, St Louis, MO
2015–2022	Assistant Professor	Pathology	UT Southwestern Medical Center, Dallas, TX
2022-present	Associate Professor	Pathology	UT Southwestern Medical Center, Dallas, TX

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2015-	Staff Pathologist	Pathology	UT Southwestern Medical Center, Dallas, TX
2020-	Associate Program Director of NP fellowship	Neuropathology Group	UT Southwestern Medical Center, Dallas, TX

Other Professional Positions

Year(s)	Position Title	Institution

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution

Committee Service (*Member, unless noted otherwise*)

Year(s)	Name of Committee	Institution/Organization
<u>UTSW</u>		
2018	Neuropathology Fellowship ACGME Self-Study Committee	UTSW/Department of Pathology
2018	Neuropathology Clinical Competency Committee (CCC)	UTSW/Department of Pathology
2018	Neuropathology Program Evaluation Committee (PEC)	UTSW/Department of Pathology
2019	Neuropathology Fellowship ACGME Self-study Committee	UTSW/Department of Pathology
2019	Chair: Neuropathology Clinical Competency Committee (CCC)	UTSW/Department of Pathology
2019	Neuropathology Program Evaluation Committee (PEC)	UTSW/Department of Pathology
2019	Scholarship Oversight Committee (SOC) -Pediatric fellow Mailan Nguyen	UTSW/Department of Pediatrics
2020	Neuropathology Program Evaluation Committee (PEC)	UTSW/Department of Pathology
2020	Program director committee	UTSW School of Medicine
2021	Chair: Neuropathology Clinical Competency Committee (CCC)	UTSW/Department of Pathology
2021	Program director committee	UTSW School of Medicine
2022	Program director committee	UTSW School of Medicine
<u>Hospital</u>		
<u>State/Regional</u>		

<u>National/International</u>		

Professional Societies [List all society committees, leadership, and course leadership roles here]

Dates	Society Name, member
2010-current	American Association of Neuropathologist (AANP)
2021-current	AANP Educational Committee

Grant Review Activities

Year(s)	Name of Review Committee	Organization
2019	CE17 - Recherche translationnelle en santé	French National Research Agency

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
2020-current	Pathologyoutlines.com - Deputy editor for neuropathology/
2022-current	Laboratory Investigation - Associate Editor
<u>Editorial Board</u>	
2018-current	Journal of Neuropathology and Experimental Neurology (JNEN)
2020-current	PathologyOutlines.com
<u>Ad Hoc Reviewer</u>	
2016- current	Journal of Neuropathology and Experimental Neurology (JNEN)
2017- current	Acta Neuropathologica Communications (ANC)
2017- current	BMC Cancer
2017- current	Brain Sciences (ISSN 2076-3425)
2018	Diagnostic Cytopathology
2019	Scientific Reports - Nature
2019- current	MDPI Cancers
2019	Acta Neurologica Belgica
2021	Virchows Archiv
2022-current	Laboratory Investigation
2022	American Journal of Respiratory and Critical Care Medicine
2022	Histology and Histopathology

2022	Journal of Neuroimmunology
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Grant Support

<u>Present</u>	Grantor: UTSW Department of Pathology
	Title of Project: Sensitivity and specificity of myxovirus resistance protein A (MxA) immunohistochemistry in type I interferon driven myositis
	Role: Principal Investigator
	Annual amount and date: \$12,000; 2022

<u>Past</u>	Grantor: UTSW translational pilot program
	Title of Project: Poor prognosis predictors for atypical meningioma after radiation therapy
	Role: Principal Investigator
	Annual amount and date: Statistical service package grant, 2016

<u>Past</u>	<u>Grantor: UTSW Department of Pathology</u>
	<u>Title of Project: Targeting radiation resistance in high grade meningioma</u>
	<u>Role: Principal Investigator</u>
	<u>Annual amount and date: \$12,000; 2019</u>

<u>Past</u>	Grantor: UTSW Department of Pathology
	Title of Project: Epigenetic Characterization via Methylation Profiling of Chordoid Meningioma, a Rare Histological Variant with Poor Prognosis
	Role: Principal Investigator
	Annual amount and date: \$12,000; 2020

Teaching Activities

Year(s)	Activity	
<u>Medical and graduate school didactic and small group teaching</u>		
2016	Cerebral vascular diseases	School of Medicine, UTSW
2016	Pathology Small Group-GI	
2016	Pathology Small Group-Liver	
2016	Pathology Small Group-Endocrine	
2016	Pathology Small Group-GU/breast	
2017	Cerebral vascular diseases	School of Medicine, UTSW
2017	Pathology Small Group-GI	
2017	Pathology Small Group-Liver	

2017	Pathology Small Group-Endocrine	
2017	Pathology Small Group-GU/breast	
2017	Pathology Small Group-Neuropath	
2018	Cerebral vascular diseases	School of Medicine, UTSW
2018	Pathology Small Group-GI	
2018	Pathology Small Group-Liver	
2018	Pathology Small Group-Endocrine	
2018	Pathology Small Group-Neuropath	
2019	Cerebral vascular diseases	School of Medicine, UTSW
2019	Pathology Small Group-Fluid/hemo	
2019	Pathology Small Group-Cardiac	
2019	Pathology Small Group-Renal	
2019	Pathology Small Group-Respiratory	
2019	Pathology Small Group-GI	
2019	Pathology Small Group-Liver	
2019	Pathology Small Group-Endocrine	
2019	Pathology Small Group-Reproduction	
2019	Pathology Small Group-Neuropath	
2020	Cerebral vascular diseases	School of Medicine, UTSW
2021	Pathology Small Group-GI	
2021	Pathology Small Group-Liver	
2021	Pathology Small Group-Endocrine	
2022	Neuromuscular lecture series: Dermatomyositis and mimickers	
2022	Neuromuscular lecture series: Inclusion body myositis and mimickers	
Dissertation committees		
<u>Qualifying examination committees</u>		
<u>Committees concerned with medical and graduate student education</u>		
2020	Program director committee	
2021	Program director committee	

<u>Graduate student rotations</u>	
<u>Medical student rotations</u>	
<u>Graduate student trainees</u>	
<u>Postgraduate medical education (graduate & continuing medical education)</u>	
2016	Pathology senior slide conference
2017	Brain anatomy gross sessions (2x)
2017	Bi-monthly neuropathology journal club (5x)
2017	Resident lecture: Introduction to nerve biopsy
2017	Resident unknown slide session
2018	Brain anatomy gross session (1x)
2018	Monthly Neuropathology journal club (12x)
2019	Brain anatomy gross session (1x)
2019	Monthly Neuropathology journal club (12x)
2020	Resident unknown conference
2020	Monthly Neuropathology journal club (12x)
<u>Postdoctoral trainees</u>	

Invited Lectures

Year(s)	Title	Location
<u>International</u>		
<u>National</u>		
2018	Diffuse microvascular C5b-9 deposition in muscle and nerve biopsies from diabetic patients	International Conference on Diabetes and its Complications: ICDC Houston, TX
2019	Predictors of Radiation Therapy Outcome in Aggressive Meningioma	Wesleyan University, Middletown, CT
2022	Pathologic Diagnosis of Inflammatory Myopathies	Neuromuscular grand rounds, Dept. of Neurology, Washington

		University School of Medicine, St Louis, MO
<u>Regional/Local</u>		
2016	Intro to nerve biopsy	Dept. of Neurology, UTSW
2016	Atypical meningioma in response to radiation therapy	Dept. of Neurosurgery, UTSW
2017	Disorders of peripheral nerve	Dept. of Neurology, UTSW
2017	Toxic/metabolic disorders of the CNS	Dept. of Neurology, UTSW
2019	Introduction to peripheral nerve biopsy	Dept. of Neurology, UTSW
2019	Necrosis predicts radiation resistance in meningioma	Work in progress presentation, Department of Pathology, UTSW
2020	Peripheral neuropathies	Dept. of Neurology, UTSW
2020	Molecular genetic characteristics of WHO grade II meningiomas variants	Work in progress presentation, Department of Pathology, UTSW

Technological and Other Scientific Innovations

Innovation
Patent, if any, pending or awarded /If described in print/on web, provide citation

Service to the Community

Year(s)	Role	Organization or institution
2017-20	Medical student interviews	UTSW Sch. Of Medicine
2017-22	Resident and fellow interviews	UTSW, Dept Pathology
2022	STARS Summer Research Program Mentor	UTSW Sch. Of Medicine

Bibliography

Peer-Reviewed Publications

Original Research Articles

1.	Cai, C. , Thorne, J., Grabel, L. Hedgehog serves as a mitogen and survival factor during embryonic stem cell neurogenesis. <i>Stem Cells</i> . 2008 May 26(5):1097-108.
2.	Salunke PS, Gupta K, Malik V, Kumar N, Henke LE, Cai C , Chen WS, Pfeifer JD. Primary Ewing's sarcoma of cranial bones: analysis of ten patients. <i>Acta Neurochir (Wien)</i> . 2011 Jul;153(7):1477-85.
3.	Germain ND, Hartman NW, Cai C , Becker S, Naegele JR, Grabel LB. Teratocarcinoma formation in embryonic stem cell-derived neural progenitor hippocampal transplants. <i>Cell Transplant</i> . 2012;21(8):1603-11.
4.	Cai C , Dehner LP, El-Mofty SK. In myofibroblastic sarcomas of the head and neck, mitotic activity and necrosis define grade: a case study and literature review. <i>Virchows Arch</i> . 2013 Dec;463(6):827-36.
5.	Cai C , Chernock RD, Pittman ME, El-Mofty SK, Thorstad WL, Lewis JS. Keratinizing-type squamous cell carcinoma of the oropharynx- p16 overexpression is associated with positive high-risk HPV status and improved survival. <i>Am J Surg Pathol</i> 2014 Jun;38(6):809-15.
6.	Sun SQ, Kim AH, Cai C , Murphy RK, Sylvester P, DeWees TA, Dacey RG, Grubb RL, Rich KM, Zipfel GJ, Dowling JL, Leuthardt EC, Leonard JR, Evans J, Simpson JR, Robinson CG, Perrin RJ, Huang J, Chicoine MR. Management of Atypical Cranial Meningiomas, Part 1: Predictors of Recurrence and the Role of Adjuvant Radiation After Gross Total Resection. <i>Neurosurgery</i> 2014 Oct;75(4):347-55.
7.	Sun SQ, Cai C , Murphy RK, DeWees TA, Dacey RG, Grubb RL, Rich KM, Zipfel GJ, Dowling JL, Leuthardt EC, Leonard JR, Evans J, Simpson JR, Robinson CG, Perrin RJ, Huang J, Chicoine MR, Kim AH. Management of atypical cranial meningiomas, part 2: predictors of progression and the role of adjuvant radiation after subtotal resection <i>Neurosurgery</i> 2014 Oct;75(4):356-63.
8.	Cai C* , Alshehri A, Choksi R, Pestronk A. Regional ischemic immune myopathy: A paraneoplastic dermatomyopathy. <i>Journal of Neuropathology and Experimental Neurology</i> 2014 Dec;73(12):1126-33 (* communicating author)
9.	Sun SQ, Cai C , Ravindra VM, Gamble P, Yarbrough CK, Dacey RG, Dowling JL, Zipfel GJ, Wright NM, Santiago P, Robinson CG, Schmidt MH, Kim AH, Ray WZ. Simpson Grade I-III Resection of Spinal Atypical (World Health Organization Grade II) Meningiomas is Associated With Symptom Resolution and Low Recurrence. <i>Neurosurgery</i> . 2015 Jun;76(6):739-46.
10.	Sun, SQ*, Cai C* , Murphy RK, DeWees T, Dacey RG, Grubb RL, Rich KM, Zipfel GJ, Dowling JL, Leuthardt EC, Simpson JR, Robinson CG, Chicoine MR, Perrin RJ, Huang J, Kim AH. Radiation Therapy for Residual or Recurrent Atypical Meningioma: The Effects of Modality, Timing, and Tumor Pathology on Long-Term Outcomes. <i>Neurosurgery</i> . 2016 Jul;79(1):23-32. (* Co-first authors)
11.	Richardson TE, Georgescu MM, Kapur P, Hwang H, Barnett SL, Raisanen JM, Cai C , Hatanpaa KJ. Unusual skull tumors with psammomatoid bodies: a diagnostic challenge. <i>Clin Neuropathol</i> . 2017 May/June;36 (2017)(3):114-120.
12.	Chkheidze R, Burns DK, White CL, Castro D, Fuller J, Cai C* . Morin Stain Detects Aluminum-Containing Macrophages in Macrophagic Myofasciitis and Vaccination Granuloma With High Sensitivity and Specificity. <i>J Neuropathol Exp Neurol</i> . 2017 Apr 1;76(4):323-331. (* communicating author)
13.	Richardson TE, Snuderl M, Serrano J, Karajannis MA, Heguy A, Oliver D, Raisanen JM, Maher EA, Pan E, Barnett S, Cai C , Habib AA, Bachoo RM, Hatanpaa KJ. Rapid progression to glioblastoma in a subset of IDH-mutated astrocytomas: a genome-wide analysis. <i>J Neurooncol</i> . 2017 May;133(1):183-192.
14.	Daoud EV, Rajaram V, Cai C , Oberle RJ, Martin GR, Raisanen JM, White CL III, Foong C, Mickey BE, Pan E, and Hatanpaa KJ. Adult Brainstem Gliomas with H3 K27M Mutation: Radiology, Pathology, and Prognosis. <i>J Neuropathol Exp Neurol</i> 2018 Apr 1;77(4):302-311. doi: 10.1093/jnen/nly006.

15.	Yell PC, Burns DK, Dittmar EG, White CL III, Cai C* Diffuse Microvascular C5b-9 Deposition Is A Common Feature In Muscle And Nerve Biopsies From Diabetic Patients. <i>Acta Neuropathologica Communications</i> 2018 Feb 20;6(1):11. doi: 10.1186/s40478-018-0512-6. (* communicating author)
16.	Khawaja SS, Cai C , Badiyan SN, Wang X, Huang J. The immune-related microRNA miR-146b is upregulated in glioblastoma recurrence. <i>Oncotarget</i> . 2018 Jun 26;9(49):29036-29046.
17.	Yang K, Iannaccone S, Burkhalter LS, Reisch J, Cai C , Schindel D. Role of Nerve and Muscle Biopsies in Pediatric Patients in the Era of Genetic Testing. <i>J Surg Res</i> . 2019 May 28;243:27-32.
18.	Chkheidze R, Cimino PJ, Hatanpaa KJ, White CL, Ferreira M, Piccirillo SGM, Li L, Rajaram S, Nyagilo JO, Burns DK, Raisanen JM, Cai C . Distinct Expression Patterns of Carbonic Anhydrase IX in Clear Cell, Microcystic, and Angiomatous Meningiomas. <i>J Neuropathol Exp Neurol</i> . 2019 Dec 1;78(12):1081-1088 (* communicating author)
19.	Evenson M, Cai C , Huchtagowder V, McNulty S, Neidich J, Kulkarni S, Dahiya S Utility of copy number variants in the classification of intracranial ependymoma. <i>Cancer Genetics</i> . 240 (2020) 66–72
20.	Busch DR, Lin W, Cai C , Cutrone A, Tatka J, Kovarovic BJ, Yodh AG, Floyd TF, Barsi J. Multi-Site Optical Monitoring of Spinal Cord Ischemia during Spine Distraction. <i>J Neurotrauma</i> . 2020 Jul 20. doi: 10.1089/neu.2020.7012
21.	Nguyen M, Do V, Yell C, Jo C, Liu J, Burns D, Wright T, and Cai C . Distinct tissue injury patterns in juvenile dermatomyositis auto-antibody subgroups. <i>Acta Neuropathologica Communications</i> 2020 5;8(1):125. PMID: 32758284. (* communicating author)
22.	Donkervoort S, Mohassel P, Laugwitz L, Zaki MS, Kamsteeg EJ, Maroofian R, Chao KR, Verschuuren-Bemelmans CC, Horber V, Fock AJM, McCarty RM, Jain MS, Biancavilla V, McMacken G, Nalls M, Voermans NC, Elbendary HM, Snyder M, Cai C , Lehky TJ, Stanley V, Iannaccone ST, Foley AR, Lochmüller H, Gleeson J, Houlden H, Haack TB, Horvath R, Bönnemann CG. (2020). "Biallelic loss of function variants in SYT2 cause a treatable congenital onset presynaptic myasthenic syndrome." <i>Am J Med Genet A</i> . doi: 10.1002/ajmg.a.61765. PMID: 32776697
23.	Ramirez-Martinez A, Zhang Y, Chen K, Kim J, Cenik BK, McAnally JR, Cai C , Shelton JM, Huang J, Brennan A, Evers BM, Mammen PPA, Xu L, Bassel-Duby R, Liu N, Olson EN. The nuclear envelope protein Net39 is essential for muscle nuclear integrity and chromatin organization. <i>Nat Commun</i> . 2021 Jan 29;12(1):690. PMID 33514739
24.	Chen J, Patel TR, Pinho MC, Choi C, Harrison CE, Baxter JD, Derner K, Pena S, Liticker J, Raza J, Hall RG, Reed GD, Cai C , Hatanpaa KJ, Bankson JA, Bachoo RM, Malloy CR, Mickey BE, Park JM. Preoperative imaging of glioblastoma patients using hyperpolarized 13 C pyruvate: Potential role in clinical decision making. <i>Neurooncol Adv</i> . 2021 Jun 28;3(1) PMID 34355174
25.	Daoud EV, Chkheidze R, Yell PC, Hatanpaa KJ, Raisanen JM, Cai C . The efficacy of immunohistochemistry in the diagnosis of molecular genetic alterations in central nervous system gliomas: Next-generation sequencing of 212 mutations in 112 patients." <i>Clin Neuropathol</i> . 2022 Jan-Feb;41(1):35-40. PMID 34672256. (* communicating author)
26.	Thompson K, Bianchi L, Rastelli F, Piron-Prunier F, Ayciriex S, Besmond C, Hubert L, Barth M, Barbosa IA, Deshpande C, Chitre M, Mehta SG, Wever EJM, Marcorelles P, Donkervoort S, Saade D, Bönnemann CG, Chao KR, Cai C , Iannaccone ST, Dean AF, McFarland R, Vaz FM, Delahodde A, Taylor RW, Rötig A. Biallelic variants in TMM41 are associated with low muscle cardiolipin levels, leading to neonatal mitochondrial disease. <i>Human Genetics and</i>

	Genomics Advances 2022 Mar 4;3(2):100097. doi: 10.1016/j.xhgg.2022.100097. PMID: 35321494
27.	Daoud EV, Zhu K, Mickey B, Mohamed H, Wen M, Delorenzo M, Tran I, Serrano J, Hatanpaa KJ, Raisanen JM, Snuderl M, Cai C . Epigenetic and genomic profiling of chordoid meningioma: implications for clinical management. <i>Acta Neuropathol Commun</i> . 2022 Apr 19;10(1):56. PMID: 35440040 (* communicating author)
28.	Wang X, Zhao J, Lesner NP, Menezes CJ, Shelton SD, Venigalla, SSK, Xu J, Cai C , Mishra P, "A mitofusin 2/HIF1 α axis sets a maturation checkpoint in regenerating skeletal muscle." <i>J Clin Invest</i> 2022. 132(23). PMID:36125902

Reviews, Chapters, Monographs and Editorials

1.	Cai, C. and Grabel, L. Directing the differentiation of embryonic stem cells to neural stem cells. <i>Developmental Dynamics</i> . 2007 Dec;236(12):3255-66. PMID 17823944
2.	Cai C , Anthony DC, Pytel P. A pattern-based approach to the interpretation of skeletal muscle biopsies. <i>Mod Pathol</i> . 2019 Apr;32(4):462-483. PMID 30401945
3.	Cai C . SWI/SNF deficient central nervous system neoplasms. <i>Semin Diagn Pathol</i> . 2021 May;38(3):167-174. PMID 34762087
4.	Cai C . What's new in neuromuscular pathology 2022: Myopathy updates and gene therapies. <i>Journal of Pathology and Translational Medicine</i> . 2023 Jan;57(1):79-80 PMID: 36535762

Books/Textbooks

1.	Zhou L, Burns DK, Cai C . A Case-Based Guide to Neuromuscular Pathology. Springer 2020 ISBN 978-3-030-25682-1 (Editor)
5.	Cai C , Peripheral Nerve Biopsy Evaluation. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
6.	Zhou L, Shin SC, Cai C , Antisynthetase Syndrome. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
7.	Zhou L, Cai C , Inclusion body myositis. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
8.	Zhou L, Cai C , Immune-mediated necrotizing myopathy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
9.	Abhyankar R, Cai C , Trivedi JR, Limb girdle muscular dystrophy type 2A. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
10.	Zhou L, Cai C , Mitochondrial myopathy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
11.	Zhou L, Cai C , Myofibrillar myopathy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
12.	Ghosh PS, Cai C , Central core disease. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
13.	Khan S, Cai C , Vasculitic neuropathy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
14.	Castro DP, Cai C , Paul DJ, Macrophagic myofasciitis. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
15.	Castro DP, Cai C , Paul DJ, Duchenne muscular dystrophy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1

16.	Castro DP, Cai C , Paul DJ, Pompe Disease. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
17.	Castro DP, Cai C , Paul DJ, Spinal muscular atrophy type 1. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
18.	Elliott JL, Zhou L, Cai C , Kaku MA, Amyloid neuropathy. <i>A Case-Based Guide to Neuromuscular Pathology</i> . Springer 2020 ISBN 978-3-030-25682-1
19.	

Case Reports

1.	Al-Zubeidi D, Thangarajh M, Pathak S, Cai C , Schlaggar BL, Storch GA, Grange DK, Watson ME. Fatal Human Herpes Virus-6 Associated Encephalitis in Two Boys with Underlying POLG Mitochondrial Disorders. <i>Pediatr Neurol</i> . 2014 Sep;51(3):448-52.
2.	Cai C , Stephens BH, Leonard JR, Dahiya S. Posterior fossa tumor with distinct choroid plexus papilloma and ependymoma components. <i>Clin Neuropathol</i> . 2015 Jan 20.
3.	Garg V, Mendelsohn D, Cai C , Chicoine MR, Wang TF, Pinho MC. Multimodality Imaging of Cerebral Crystal-Storing Histiocytosis: Distinguishing Imaging Characteristics and a Literature Review of a Very Rare Entity. <i>Neurographics</i> . 2019 Feb 1;9(1):55-61.
4.	El Ahmadieh TY, Cai C , Mickey BE. Dysembryoplastic Neuroepithelial Tumor with an Enlarging Heterogeneously Enhancing Organizing Hematoma. <i>World Neurosurg</i> . 2019 Nov;131:177-179
5.	Hayenga HN, Cai C , Fetzer D, White S, Kuban J, Wardak Z, Benjamin RS, Pan E, Strauss J, Gao B, Minna J. Rare solid and cystic presentation of hemangiopericytoma/solitary fibrous tumor: a case report. <i>Current Problems in Cancer: Case Reports</i> . 2022 Mar 4:100149.
6.	

Letters to the Editor

1.	
2.	

Proceedings of Meetings

1.	
2.	

Clinical Practice Guidelines

1.	
2.	

Non-peer reviewed scientific or medical publications/materials in print or other media

1.	Cai C. Nonspecific esterase. PathologyOutlines.com website. http://www.pathologyoutlines.com/topic/stainsnonspecificesterase.html .
2.	Cai C. Acid phosphatase. PathologyOutlines.com website. http://www.pathologyoutlines.com/topic/stainsacidphosphatase.html

3.	Cai C. Alkaline phosphatase. PathologyOutlines.com website. http://www.pathologyoutlines.com/topic/stainsalkphos.html
4.	Cai C. Oil red O. PathologyOutlines.com website. http://www.pathologyoutlines.com/topic/stainsoilredo.html
5.	Yanel De Los Santos, Cai C. Ependymoma PathologyOutlines.com website. https://www.pathologyoutlines.com/topic/cnstumorependymoma.html
6.	Cai C. Meningioma PathologyOutlines.com website https://www.pathologyoutlines.com/topic/cnstumormeningiomageneral.html
7.	Cai C. Case of the week #502 atypical teratoid / rhabdoid tumor PathologyOutlines.com website https://www.pathologyoutlines.com/caseofweek/case502.htm
8.	Cai C. Case of the week #514-clear cell meningioma PathologyOutlines.com website https://www.pathologyoutlines.com/caseofweek/case514.htm
9.	Cai C. What's new in neuromuscular pathology 2022 https://www.pathologyoutlines.com/subscribe.html