

# Jean-Baptiste Le Pichon, MD, PhD, FAAP

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Last Updated: February 11, 2025

## Current Position(s)

Professor, Pediatrics University of Missouri-Kansas City, Kansas City, MO	September 2019
Assistant Professor, Neurology University of Kansas, Kansas City, KS	July 2013
Assistant Professor, Pediatrics University of Kansas, Kansas City, KS	March 2012
Special Government Employee FDA FDA	August 2024
Madison Lauren Sargent Endowed Professorship in Neurology/Angelman Syndrome Neurology Children's Mercy Kansas City, Kansas City, MO	July 2023
Associate Division Director Division of Neurology Children's Mercy Kansas City, Kansas City, MO	2020
Director Neuroscience Research Children's Mercy Kansas City, Kansas City, MO	2018

## Education

Neurophysiology Fellowship, Baylor University College of Medicine/Texas Children's Hospital, Houston, TX	July 2007 - December 2007
Child Neurology Residency, Baylor University College of Medicine/Texas Children's Hospital, Houston, TX	2004 - 2007
Pediatrics Residency, Texas A&M University/Driscoll Children's Hospital, Corpus Christi, TX	July 2002 - June 2004
Doctor of Medicine/Doctor of Philosophy (MD/PhD) in Medical Scientist (Hudson Scholar) Baylor University College of Medicine, Houston, TX	August 1992 - June 2002
Bachelor of Science (BS) in Chemistry (major), Biology (minor) (Summa Cum Laude) Gannon University, Erie, PA	1988 - 1992

## Academic Appointment(s)

Professor, Pediatrics University of Missouri-Kansas City, School of Medicine, Kansas City, MO	September 2019 - Present
Associate Professor, Pediatrics University of Missouri-Kansas City, School of Medicine, Kansas City, MO	September 2013 - September 2019
Assistant Professor, Pediatrics University of Missouri-Kansas City, School of Medicine, Kansas City, MO	December 2007 - September 2013
Assistant Professor, Neurology University of Kansas, School of Medicine, Kansas City, KS	July 2013 - Present
Assistant Professor, Pediatrics University of Kansas, School of Medicine, Kansas City, KS	March 2012 - Present

## Professional Positions and Experience

Special Government Employee FDA FDA	August 2024 - Present
Madison Lauren Sargent Endowed Professorship in Neurology/Angelman Syndrome Neurology Children's Mercy Kansas City, Kansas City, MO	July 2023 - Present
Associate Division Director Division of Neurology Children's Mercy Kansas City, Kansas City, MO	2020 - Present
Director Neuroscience Research Children's Mercy Kansas City, Kansas City, MO	2018 - Present

## Certification and Licensure

Medical License, Oklahoma State Board of Medical Licensure and Supervision (Active) Active in OK, 34832	September 2021
Board Certification, Epilepsy, American Board of Psychiatry & Neurology (Active) 599	August 2014
Fellow, American Academy of Pediatrics (Active)	2014
Board Certification, Child Neurology, American Board of Psychiatry & Neurology (Active) 11766	September 2009
Medical License, Missouri Board of Registration for the Healing Arts (Active)	April 2008

Active in MO, 2008011512

Medical License, Kansas State Board of Healing Arts (Active)  
Active in KS, 04-32835

December 2007

### **Honors and Awards**

Golden Apple Mentor Award June 2024  
Children's Mercy  
Purpose: Mentorship

Madison Lauren Sargent Endowed Professorship in Neurology/Angelman Syndrome July 2023  
Children's Mercy  
Purpose: Clinical

Research Team Award, Pediatric Epilepsy Team, DOP Faculty Award January 2023  
Children's Mercy  
Purpose: Research/Scholarship  
Department of Pediatrics Faculty Awards

Excellence in Teaching in Resident Education Award 2021  
Children's Mercy  
Purpose: Teaching

Golden Apple Mentor Award 2021  
Children's Mercy  
Purpose: Mentorship

Golden Apple Mentor Award 2020  
Children's Mercy  
Purpose: Mentorship  
Awarded twice in 2020

Golden Apple Mentor Award 2020  
Children's Mercy  
Purpose: Mentorship  
Awarded twice in 2020

Excellence in Scholarship Mentoring of a Trainee 2019  
Children's Mercy  
Purpose: Mentorship

Overall Star, Division of Neurology 2019  
Children's Mercy  
Purpose: Clinical

Golden Apple Mentor Award 2016  
Children's Mercy  
Purpose: Mentorship

Golden Apple Mentor Award 2015  
Children's Mercy  
Purpose: Mentorship

Daniel Scagliotti Teaching Award 2014

Children's Mercy Purpose: Teaching	
Golden Apple Mentor Award Children's Mercy Purpose: Mentorship	2013
Golden Apple Mentor Award Children's Mercy Purpose: Mentorship	2012
Daniel Scagliotti Teaching Award (Nominated) Children's Mercy Purpose: Teaching	2011
Participant Travel Award Resident Epilepsy Program, J. Kiffin Penry funded Purpose: Research/Scholarship	2006
Participant Travel Award Pediatric Epilepsy/Child Neurology Society Meeting funded Purpose: Research/Scholarship	2005
Epilepsy Foundation of America Grant Epilepsy Foundation of America Purpose: Research/Scholarship	1992
Hudson Scholar Baylor College of Medicine Purpose: Research/Scholarship	1992
Pennsylvania Northwestern Chapter of Sigma Xi Research Grant Pennsylvania Northwestern Chapter of Sigma Xi Purpose: Research/Scholarship	1991

### **Professional Development**

Clifton Strength Certification (Course) Children's Mercy	May 2024 - Present
Global Strengths Coaching Course (Course) Gallup	September 2023 - May 2024
Berkeley Executive Coaching Program (Course) Berkeley Executive Coaching Institute	June 2023 - July 2023
Culture Shaping Retreat (Workshop) Children's Mercy, Kansas City, MO	May 2023
Crucial Conversations for Healthcare Leaders (Workshop) Children's Mercy, Kansas City, MO	May 2023
Leadership Center for Physicians - Essentials (Workshop) Children's Mercy, Kansas City, MO	October 2021 - May 2022
Heart of Leadership and Managing Others Training Program	2011

(Workshop)

### **Professional Memberships and Activities**

American Association for Physician Leadership	June 2023 - Present
Missouri State Medical Association	February 2023 - Present
Fellow of American Academy of Pediatrics	2014 - Present
Professors and Educators of Child Neurology	2011 - Present
American Epilepsy Society	2009 - Present
Child Neurology Society	2006 - Present
American Academy of Neurology	2005 - Present
Association of Pediatric Program Directors	2013 - 2022
Movement Disorder Society	2014 - December 2021

### **Committee Assignments and Administrative Services**

Genetic Metabolic Diseases Advisory Committee U.S. Food and Drug Administration, Silver Spring, MD	January 2025 - Present
Reviewer, Scientific Selection Committee, Child Neurology and Developmental Neurology American Academy of Neurology, San Diego, CA	November 2024 - Present
Member, Endocrinology Division Director Search Committee Children's Mercy Kansas City, Kansas City, MO	June 2023 - Present
Reviewer, Scientific Selection Committee, Child Neurology and Developmental Neurology American Academy of Neurology, Minneapolis, MN	October 2022 - Present
Member, X-ALD Subcommittee Kansas Newborn Screening Program, Topeka, KS	2021 - Present
Member, Children's Mercy Cancer Center Program Children's Mercy Kansas City, Kansas City, MO	2015 - Present
Co-Chair, First Nonfebrile Clinical Pathway Children's Mercy Kansas City, Kansas City, MO	August 2023 - February 2024

Reviewer, Scientific Review Committee Child Neurology Society, Saint Paul, MN	2022 - October 2023
Member, Sedation Consortium on Endpoints and Procedures for Treatment, Education and Research (SCEPTER IV) FDA Committee Analgesic, Anesthetic, and Addiction Clinical Trial Translations, Innovations, Opportunities and Networks, Seattle, WA	2021 - 2022
Member, Membership Committee Child Neurology Society, Saint Paul, MN	2016 - 2022
Member, Graduate Medical Education Committee Children's Mercy Kansas City, Kansas City, MO	2009 - 2021
Member, Luminary Program Strategy Team Children's Mercy Kansas City, Kansas City, MO	2020
Member, Academic and Clinical Enterprise Research Advisory Committee Children's Mercy Kansas City, Kansas City, MO	2020
Chair, Education Subcommittee American Academy of Pediatrics Section on Neurology, Itasca, IL	2017 - 2020
Member, Promotion Committee Children's Mercy Kansas City, Kansas City, MO	2016 - 2020
Member, Faculty Development Management Strategic Planning Initiative Workgroup Children's Mercy Kansas City, Kansas City, MO	2018 - 2019
Chair, Promotion Committee Children's Mercy Kansas City, Kansas City, MO	2017 - 2019
Member, Saturday Clinic Initiative Organization Committee Children's Mercy Kansas City, Kansas City, MO	2016
Organizer, Missouri Valley Child Neurology Colloquium 10th Annual Missouri Valley Child Neurology Colloquium	2016
Member, Search Committee for the Director of the Center for Pediatric Genomic Medicine and Endowed Chair Children's Mercy Kansas City, Kansas City, MO	2015 - January 2015
Interviewer, University of Missouri-Kansas City Search Committee University of Missouri-Kansas City School of Medicine, Kansas City, MO	2012 - 2013
Member, Residency Competency Committee, Department of Pediatrics Children's Mercy Kansas City, Kansas City, MO	2009 - 2013
Member, Search Committee for Chief of Cardiology Children's Mercy Kansas City, Kansas City, MO	2011
Member, Neurology Clinic Reorganization Committee Children's Mercy Kansas City, Kansas City, MO	2011

Member, Expanded Committee on Practice-Based Learning and Improvement 2010  
Children's Mercy Kansas City, Kansas City, MO

### **Educational Administration**

Program Director, Child Neurology Residency Program 2010 - 2021  
Neurology  
Children's Mercy Kansas City, Kansas City, MO

Associate Program Director, Child Neurology Residency Program 2009 - 2010  
Neurology  
Children's Mercy Kansas City

### **Board Exam/Subspecialty Certification Activities**

ABPN Board Review Exam Committee, Member 2022  
American Board of Psychiatry and Neurology, Deerfield, IL

### **Curriculum and Educational Materials**

Strengthen and Enhance Epilepsy Knowledge (SEEK) Training for Medical Residents Webinar Series, Co-presenter/creator of slide content August 2022 - June 2023  
American Academy of Pediatrics  
Learner Level: Resident

Faculty for the Epilepsy Training for Medical Residents. Development and implementation of the Strengthen & Enhance Epilepsy Knowledge (SEEK) Training for Medical Residents webinar series, which aims to increase the knowledge and expertise of medical residents regarding epilepsy care for children and youth with epilepsy.

Role: To work collaboratively with another faculty member to create the slide content, case study, discussion guide, and references for one of the four training modules on transition of care.

<https://www.aap.org/en/patient-care/epilepsy/epilepsy-resources-for-health-care-professionals-strengthen--enhance-epilepsy-knowledge-see-training-for-medical-residents/>

### **Mentoring**

Amy Hill (Resident: Clinical Expertise/Teaching) 2020 - 2025  
Children's Mercy, Kansas City

Jaclyn Peraino (Resident: Clinical Expertise/Teaching) 2020 - 2025  
Children's Mercy, Kansas City

Sarah "Paige" Whitson (Resident: Clinical Expertise/Teaching) 2020 - 2025  
Children's Mercy, Kansas City, MO

Justin Coogle (Resident: Clinical Expertise/Teaching) 2019 - 2024  
Children's Mercy, Kansas City, MO

Rose Gelineau-Morel (Faculty, T32 Program: Research/Scholarly Project) Children's Mercy, Kansas City, MO	2022 - June 2024
Joseph Coleman (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City	2018 - 2023
Julie Gianakon (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2018 - 2023
Ashley Lapse (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2017 - 2022
Jacob Arends (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2017 - 2022
Natalie Katz (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2016 - 2021
Sonal Sharma (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2015 - 2020
Tiffany Barkley (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2015 - 2020
Andrew Cease (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2014 - 2019
Deepti Nagesh (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2013 - 2018
Julio Quezada (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2013 - 2018
Marcie Goeden (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2012 - 2017
Britton Zuccarelli (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2011 - 2016
Tyler Allison (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2011 - 2015
Tammy Hennika (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2011 - 2014
Anastasia Luniova (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2008 - 2013
Christopher DeCock (Resident: Clinical Expertise/Teaching) Children's Mercy, Kansas City, MO	2007 - 2012
Jennifer Yuen (Resident: Clinical Expertise/Teaching) Children's Mercy	2006 - 2011
Kadry Allaboun (Resident: Clinical Expertise/Teaching)	2007 - 2010

Children's Mercy, Kansas City, MO  
 Mamon Maiteh (Resident: Clinical Expertise/Teaching) 2007 - 2010  
 Children's Mercy, Kansas City, MO

Husam Kayyali (Resident: Clinical Expertise/Teaching) 2005 - 2008  
 Children's Mercy, Kansas City, MO

**Lectures and Didactic Sessions**

Adult Psychiatry Residency Curriculum Lecturer, Lecturer 2012 - Present  
 University of Kansas, Kansas City, KS  
 Learner Level: Medical Student, Resident

KUMC Adult Neurology Residency Curriculum Lecturer, Lecturer 2012 - Present  
 University of Kansas, Kansas City, KS  
 Learner Level: Medical Student, Resident

Child Neurology Residency Curriculum Lecturer, Lecturer 2009 - Present  
 Children's Mercy, Kansas City, MO  
 Learner Level: Resident

Pediatric Residency Curriculum Lecturer, Lecturer 2009 - Present  
 Children's Mercy, Kansas City, MO  
 Learner Level: Medical Student, Resident

UMKC Adult Neurology Residency Curriculum Lecturer, Lecturer 2007 - Present  
 University of Missouri-Kansas City, Kansas City, MO  
 Learner Level: Medical Student

Genetics Lecture: Human Genetics Course (in-person lecture), Lecturer November 2024  
 Kansas City University, Kansas City, MO  
 Learner Level: Medical Student

ABPN Lecture: Neuro-Oncology, Lecturer July 2024  
 Children's Mercy, Kansas City, MO  
 Learner Level: Fellow, Medical Student, Resident

University of Kansas Medical Center - EPL Education Course Lecture: July 2024  
 Epilepsy Genetics 1 & 2, Lecturer  
 University of Kansas, Kansas City, KS  
 Learner Level: Medical Student

ABPN Lecture: Leukodystrophies, Lecturer June 2024  
 Children's Mercy, Kansas City, MO  
 Learner Level: Fellow, Medical Student, Resident

APRN Lecture: Dysautonomia, Lecturer June 2024  
 Children's Mercy, Kansas City, MO

ABPN Lecture: Leukodystrophies, Lecturer July 2021 - June 2024  
 Children's Mercy, Kansas City, MO  
 Learner Level: Fellow, Medical Student, Resident

BMS 9310 Medical Neuroscience Curriculum Lecturer, Lecturer 2015 - June 2024

University of Missouri-Kansas City, Kansas City, MO Learner Level: Faculty, Fellow, Medical Student, Resident	
Neurology Didactics, Virtual - Genetic/Developmental Disorders, Lecturer University of Missouri-Kansas City, Kansas City Learner Level: Resident	January 2024
Neurology Didactics, Virtual - Leukodystrophies, Lecturer University of Missouri-Kansas City, Kansas City Learner Level: Resident	January 2024
PL1 Didactics Series: Neurology, Lecturer Children's Mercy, Kansas City, MO Learner Level: Resident	January 2024
ABPN Lecture: Oncology 2, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	November 2023
BMS 9310 Medical Neuroscience Course: Neuro-Oncology, Lecturer University of Missouri-Kansas City, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	November 2023
MU Adult Neurology Lecture: Pediatric Brain Tumors, Lecturer MU, Columbia, MO Learner Level: Resident	November 2023
BMS 9310 Medical Neuroscience Course: Neuroimmunology, Lecturer University of Missouri-Kansas City, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	October 2023
ABPN Lecture: Oncology 1, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	August 2023
University of Kansas Medical Center - EPL Education Course Lecture: Epilepsy Genetics, Lecturer University of Kansas, Kansas City, KS Learner Level: Medical Student	July 2022 - July 2023
ABPN Lecture: Additional Genetic Disorders, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	December 2021 - June 2023
Neurology Didactics, Virtual - Leukodystrophies, Lecturer University of Missouri-Kansas City, Kansas City, MO Learner Level: Resident	May 2023
Neurology Didactics, Virtual - Genetic/Developmental Disorders, Lecturer University of Missouri-Kansas City, Kansas City, MO Learner Level: Resident	May 2023
Child Psychiatry Department Lecture: The Neurological Exam, Lecturer University of Kansas, Kansas City, KS Learner Level: Fellow, Resident	January 2023

PL1 Didactics Series: Neurology, Lecturer Children's Mercy, Kansas City, MO Learner Level: Resident	January 2023
5th Annual Fundamentals in Neurophysiology Conference - Pharmacotherapy for Epileptic Spasms and Other Infantile Epileptic Encephalopathies, Lecturer Children's Mercy, Kansas City, MO Learner Level: Faculty, Fellow, Resident	October 2022
ABPN Lecture: Oncology 2, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	September 2022
University of Kansas Medical Center Lecture: Genetics and Metabolic Diseases, Lecturer University of Kansas, Kansas City, KS Learner Level: Medical Student	July 2022
ABPN Lecture: Oncology 1, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	March 2022
University of Kansas Medical Center, Educational Conference - Epilepsy Classification and Management. Neurology This Week, Lecturer University of Kansas, Kansas City, KS Learner Level: Faculty, Fellow, Medical Student, Resident	March 2014
CMH Lecture: Tics or Tourette's, Clinical Advances in Pediatrics, Lecturer Children's Mercy, Kansas City, MO Learner Level: Fellow, Medical Student, Resident	November 2012
Goppert-Trinity Family Care Center: Movement Disorders in Children, Presenter Research Medical Center Brookside Campus, Kansas City, MO	November 2012
Derby High School Presentation: Tourette Syndrome, Presenter Derby Highschool, Derby, KS	April 2012
Community Pediatricians Presentation, Lunch and Learn, Lecturer Emporia, Emporia, KS	January 2011
Riverside Elementary Presentation: Seizures and Breath Holding Spells, Presenter Riverside Elementary	January 2011
Family Residency Program, Educational Presentation - Tics, Tremors and Tourette Syndrome, Lecturer Research Hospital, Kansas City, MO Learner Level: Resident	May 2010

## Grants and Clinical Trials

<b>Le Pichon J (Principal Investigator (PI))</b> , Gelineau-Morel R (Co-Investigator (Co-I)). SPIES-006 Sponsored by Stealth BioTherapeutics, Industry.	
Abdelmoity A, Goggin K, <b>Le Pichon J</b> , Lewis K, Cramer E. Epilepsy & Neurology Transition Resources for Youth To Ready Adult Care: ENTRY TRAC Sponsored by Health Resources and Services Administration. (September 2024 - August 2029).	September 2024 - August 2029
<b>Le Pichon J</b> . Ultragenyx CDA Sponsored by Ultragenyx Pharmaceutical Inc., Industry. (January 2024 - January 2027).	January 2024 - January 2027
<b>Le Pichon J</b> . Agreement for the CRN Registry Sponsored by Angelman Syndrome Foundation, Foundation. (February 2024 - February 2025).	February 2024 - February 2025
Abdelmoity A, Glasier P, Goggin K, Hoffman M, Jones G, <b>Le Pichon J</b> . Awareness and Access to Care for Children and Youth with Epilepsy Sponsored by Health Resources and Services Administration. (September 2023 - August 2024).	September 2023 - August 2024
<b>Le Pichon J</b> . MRI and ABR in Acute bilirubin encephalopathy WashU/CRA Sponsored by Washington University in St. Louis, University/AMC/RI. (April 2021 - April 2024).	April 2021 - April 2024
<b>Le Pichon J (Co-Investigator (Co-I))</b> . VNS Aspire Sponsored by Children's Mercy, University/AMC/RI. (February 2023 - February 2024).	February 2023 - February 2024
<b>Le Pichon J</b> . BP41315 CDA Sponsored by Genentech, Industry. (January 2023 - January 2024).	January 2023 - January 2024
<b>Le Pichon J</b> . CDA BN44634 Sponsored by Genentech, Industry. (January 2023 - January 2024).	January 2023 - January 2024
<b>Le Pichon J (Co-Investigator (Co-I))</b> . NGS Based Testing Sponsored by Genome Center Children's Mercy, University/AMC/RI. (June 2018 - November 2023).	June 2018 - November 2023
<b>Le Pichon J</b> . Stealth BioTherapeutics Sponsored by Stealth BioTherapeutics Inc., Industry. (August 2022 - August 2023).	August 2022 - August 2023
Abdelmoity A (Principal Investigator (PI)), Glasier P (Co-Investigator (Co-I)), Goggin K (Co-Investigator (Co-I)), Hoffman M (Co-Investigator (Co-I)), Jones G (Co-Investigator (Co-I)), <b>Le Pichon J (Principal Investigator (PI))</b> , Portnoy J (Co-Investigator (Co-I)). Awareness and Access to Care for Children and Youth with Epilepsy Sponsored by Health Resources and Services Administration, \$1,663,584.00. (September 2019 - August 2023).	September 2019 - August 2023
<b>Le Pichon J</b> . Stealth BioTherapeutics Sponsored by Stealth BioTherapeutics Inc., Industry. (July 2022 - July 2023).	July 2022 - July 2023
Gelineau-Morel R (Co-Investigator (Co-I)), <b>Le Pichon J (Co-Investigator (Co-I))</b> . Genomic Answers for Kids Sponsored by Paul Patton Charitable Trust, William T Kemper Foundation, Marion Merrell Dow Donor Advisory	April 2013 - June 2023

Fund, Genome Center, Foundation. (April 2013 - June 2023).

**Le Pichon J** . Stealth BioTherapeutics Sponsored by Stealth BioTherapeutics Inc., Industry. (April 2022 - April 2023) April 2022 - April 2023

**Le Pichon J (Principal Investigator (PI))**. Genetic of Jaundice Sponsored by Children's Mercy Hospital, University/AMC/RI, \$240,000.00. (January 2016 - December 2022). January 2016 - December 2022

**Le Pichon J (Co-Investigator (Co-I))**. Hypotonia genetic testing yield Sponsored by Children's Mercy, Divisions. (July 2019 - October 2022). July 2019 - October 2022

**Le Pichon J (Co-Investigator (Co-I))**. Ketogenic Diet Sponsored by Children's Mercy, University/AMC/RI. (April 2013 - October 2022). April 2013 - October 2022

**Le Pichon J** . BN43118 Sponsored by Genentech, Industry. (September 2021 - August 2022). September 2021 - August 2022

**Le Pichon J** . Neurocrine Biosciences Sponsored by IQVIA, Industry. (June 2021 - June 2022). June 2021 - June 2022

**Le Pichon J** . VTS 270-001 Sponsored by Mallinckrodt, Inc, Industry. (June 2018 - June 2021). June 2018 - June 2021

**Le Pichon J (Site PI)**. NeuroNEXT Sponsored by NINDS, University/AMC/RI, \$36,000.00. (2011 - 2018). 2011 - 2018

**Le Pichon J (Site PI)**. Open-Label Extension Study, Adjunct Therapy for Pediatric Patients with Partial Seizures, Phase II Sponsored by UCB, Industry. (2010 - 2016). 2010 - 2016

**Le Pichon J (Site PI)**. Open-Label Pharmacokinetic Study, Adjunct Therapy for Pediatric Patients with Partial Seizures, Phase II Sponsored by UNKNOWN, Industry. (2010 - 2016). 2010 - 2016

**Le Pichon J (Site PI)**. Spinal Muscular Atrophy (SMA) Biomarkers in the Immediate Postnatal Period of Development Sponsored by NeuroNEXT Network, Federal. (2014 - 2015). 2014 - 2015

**Le Pichon J (Site PI)**. Open-Label Extension, Adjunct Therapy Study for Pediatric Patients with Partial Seizures, Phase III Sponsored by UNKNOWN, Industry. (2009 - 2011). 2009 - 2011

## Scholarly Investigations

**Le Pichon J (Co-Investigator (Co-I))**. Virtual Education Survey (Completed/Closed) 2020 - 2021

## Publications

### Peer-Reviewed Publications

1. Paul MS, Michener SL, Pan H, Chan H, Pfliger JM, Rosenfeld JA, Lerma VC, Tran A, Longley MA, Lewis RA, Weisz-Hubshman M, Bekheirnia MR, Bekheirnia N, Massingham L, Zech M, Wagner M, Engels H, Cremer K, Mangold E, Peters S, Trautmann J, Mester JL, Guillen Sacoto MJ, Person R, McDonnell PP, Cohen SR, Lusk L, Cohen A, **Le Pichon J**, Pastinen T, Zhou D, Engleman (Schuler) K,

Racine C, Faivre L, Moutton S, Denommé-Pichon AS, Koh HY, Poduri A, Bolton J, Knopp C, Julia Suh DS, Maier A, Toosi MB, Karimiani EG, Maroofian R, Schaefer GB, Ramakumaran V, Vasudevan P, Prasad C, Osmond M, Schuhmann S, Vasileiou G, Russ-Hall S, Scheffer IE, Carvill GL, Mefford H, Bacino CA, Lee B, Chao HT. (2024). A syndromic neurodevelopmental disorder caused by rare variants in PPFIA3. *American journal of human genetics*, 111(1), 96-118.

<https://www.sciencedirect.com/science/article/pii/S0002929724001630?via%3Dihub>

2. Gelineau-Morel RN, Usman F, Shehu S, Yeh H, Suwaid MA, Abdulsalam M, Jibril Y, Satrom KM, Shapiro SM, Zinkus T, Head H, Slusher TM, **LePichon J**, Farouk ZL. (2024). Predictive and diagnostic measures for kernicterus spectrum disorder: a prospective cohort study. *Pediatric research*, 95(1), 285-292. <https://doi.org/10.1038/s41390-023-02810-z>

3. **Le Pichon J**, Cramer E, Horton S, Abdelmoiy O, Hoffman M, Kishk N, Hamada S, Abdelmoity A. (2022). The use of virtual tools in narrowing the impact of health disparities in neurology. *Frontiers in Pediatrics*, 10.

4. Cohen A, Farrow E, Abdelmoity A, Alaimo J, Amudhavalli S, Anderson JT, Bansal L, Bartik L, Baybayan P, Beiden B, Berrios C, Biswell RL, Buczkowicz P, Buske O, Chakraborty S, Cheung W, Coffman K, Cooper A, Cross L, Curran T, Dang TT, Elfrink MM, Engleman K, Fecske ED, Fieser C, Fitzgerald K, Fleming E, Gadea R, Gannon J, Gelineau-morel R, Gibson M, Goldstein J, Grundberg E, Halpin K, Harvey B, Heese B, Hein W, Herd SM, Hughes SS, Ilyas M, Jacobson J, Jenkins J, Jiang S, Johnston JJ, Keeler K, Korlach J, Kussman J, Lambert C, Lawson C, **Le Pichon J**, Leeder J, Little V, Louiselle DA, Lypka M, McDonald BD, Miller N, Modrcin A, Nair A, Neal SH, Oermann C, Pacicca D, Pawar K, Posey NL, Price N, Puckett L, Quezada J, Raje N, Rowell WJ, Rusc E, Sampath V, Saunders C, Schwager C, Schwend R, Shaffer E, Smail C, Soden S, Strenk M, Sullivan BR, Sweeney B, Tam-Williams J, Walter AM, Welsh H, Wenger AM, Willig L, Yan Y, Younger S, Zhou D, Zion T, Thiffault I, Pastinen T. (2022). Genomic answers for children: Dynamic analyses of >1000 pediatric rare disease genomes. *Genetics in medicine : official journal of the American College of Medical Genetics*, 24(6), 1336-1348.

5. Sharma S, Noel-MacDonnell J, Repnikova E, **Le Pichon J**. (2021). Diagnostic yield of genetic testing in 324 infants with hypotonia. *Clinical Genetics*, 100(6), 752-757.

6. Abdelmoity SA, Abdelmoity A, Riordan SM, Kaufman C, **Le Pichon J**, Abdelmoity A. (2021). The efficacy and tolerability of auto-stimulation-VNS in children with Lennox-Gastaut syndrome. *Seizure*, 168-174.

7. Abdelmoity AT, **Le Pichon J**, Abdelmoity SA, Sherman AK, Hall AS, Abdelmoity A. (2021). Combined use of the ketogenic diet and vagus nerve stimulation in pediatric drug-resistant epilepsy. *Epilepsia Open*, 6(1), 112-119.

8. Gali K, Joshi S, Hueneker S, Katzenbach A, Radecki L, Calabrese T, Fletcher L, Trandafir C, Wilson C, Goyal M, Wusthoff CJ, **Le Pichon J**, Corvalan R, Golson A, Hardy J, Smith M, Cook E, Bonkowsky JL. (2020). Barriers, access and management of pediatric epilepsy with telehealth. *Journal of telemedicine and telecare*, 28(3), 213-223.

9. Jones GL, Hickam T, Wellman C, Modrcin A, Abdelmoity A, **Le Pichon J**. (2020). *Transition to adult care in youth with epilepsy: one center's experience with a transition program and its integration within telemedicine* (04th ed., vol. 09, pp. 119-124).

10. Cudkowicz M, **Le Pichon J**, Et al. (2020). Seven-Year Experience From the National Institute of Neurological Disorders and Stroke-Supported Network for Excellence in Neuroscience Clinical Trials. *JAMA neurology*, 77(6), 755-763.

11. Ferreira JA, **Le Pichon J**, Ahmed A, Dilley D, Dedeken P, Daniels T, Byrnes W. (2019). Safety and tolerability of adjunctive lacosamide in a pediatric population with focal seizures - An open-label trial. *Seizure*(71), 166-173.
12. Gelineau-Morel R, Zinkus TP, **Le Pichon J**. (2019). Pediatric Head Trauma: A Review and Update. *Pediatr Rev*, 40(9), 468-481.
13. **Le Pichon J**, Thompson L, Gustafson M, Abdelmoity A. (2019). Initiating the ketogenic diet in infants with treatment refractory epilepsy while maintaining a breast milk diet. *Seizure*(69), 41-43.
14. Van Dijck A, et al., Son M, Van Haandel L, Hughes (Starling) S, Safina N, **Le Pichon J**, Kooy R. (2019). Clinical Presentation of a Complex Neurodevelopmental Disorder Caused by Mutations in ADNP. *BIOLOGICAL PSYCHIATRY*, 85(4), 287.
15. Gbadero D, Adegbite E, **Le Pichon J**, Slusher T. (2018). Case Presentation of Anti-NMDA Receptor Encephalitis in a 4-Year-Old Boy. *Journal of Tropical Pediatrics*, 64(4), 352-354.
16. Usman F, Shapiro S, **Le Pichon J**, Slusher T. (2018). *Acute bilirubin encephalopathy and its progression to kernicterus: current perspectives* (vol. 2018:8, pp. 33-44). <https://www.dovepress.com/acute-bilirubin-encephalopathy-and-its-progression-to-kernicterus-curr-peer-reviewed-fulltext-article-RRN>
17. Giddens MM, Wong JC, Schroeder JP, Farrow E, Smith BM, Owino S, Soden S, Meyer RC, Saunders C, **Le Pichon J**, Weinshenker D, Escayg A, Hall F. (2017). GPR37L1 modulates seizure susceptibility: Evidence from mouse studies and analyses of a human GPR37L1 variant. *Neurobiology of disease*, 106, 181-190.
18. Allison T, Roncero I, Forsyth R, Coffman K, **Le Pichon J**. (2017). Brown-Vialetto-Van Laere Syndrome as a Mimic of Neuroimmune Disorders: 3 Cases From the Clinic and Review of the Literature. *Journal of Child Neurology*. <https://doi.org/10.1177/0883073816689517>
19. Le Pichon JB, Riordan SM, Watchko J, Shapiro SM. (2017). The Neurological Sequelae of Neonatal Hyperbilirubinemia: Definitions, Diagnosis and Treatment of the Kernicterus Spectrum Disorders (KSDs). *Current pediatric reviews*, 13, 199-209.
20. Flex E, Niceta M, Cecchetti S, Thiffault I, Au MG, Capuano A, Piermarini E, Ivanova AA, Francis JW, Chillemi G, Chandramouli B, Carpentieri G, Haaxma CA, Ciolfi A, Pizzi S, Douglas GV, Levine K, Sferra A, Dentici ML, Pfundt RR, **Le Pichon J**, Farrow E, Baas F, Piemonte F, Dallapiccola B, Graham, Jr JM, Saunders C, Bertini E, Kahn RA, Koolen DA, Tartaglia M. (2016). Biallelic Mutations in TBCD, Encoding the Tubulin Folding Cofactor D, Perturb Microtubule Dynamics and Cause Early-Onset Encephalopathy. *American journal of human genetics*, 99(4), 962-973.
21. Riordan S, Bittel D, **Le Pichon J**, Gazzin S, Tiribelli C, Watchko J, Wennberg R, Shapiro S. (2016). A Hypothesis for Using Pathway Genetic Load Analysis for Understanding Complex Outcomes in Bilirubin Encephalopathy. *Frontiers in Neuroscience*, 10, 376.
22. **Le Pichon J**, Saunders C, Soden S. (2015). The Future of Next-Generation Sequencing in Neurology. *JAMA Neurology*, 72(9), 971-2.
23. Stanford J, Shuler J, Fowler S, Stanford K, Ma D, Bittel D, **Le Pichon J**, Shapiro S. (2015). Hyperactivity in the Gunn rat model of neonatal jaundice: age-related attenuation and emergence of gait deficits. *Pediatric research*, 434-9.
24. Saunders C, Moon SH, Liu X, Thiffault I, Coffman K, **Le Pichon J**, Taboada E, Smith LD, Farrow E, Miller N, Gibson M, Patterson M, Kingsmore SF, Gross RW. (2015). Loss of function variants in human

PNPLA8 encoding calcium-independent phospholipase A2  $\gamma$  recapitulate the mitochondriopathy of the homologous null mouse. *Human Mutation*, 36(3), 301-6.

25. Batterson J, Sullivant S, **Le Pichon J**, Kleinsorge C, Price S, Andrews S. (2014). A refresher on Tourette syndrome. *Missouri medicine*, 111(3), 202-6.

26. **Le Pichon J**, Yu S, Kibiryeveva N, Graf W, Bittel D. (2013). Genome-wide gene expression in a patient with 15q13.3 homozygous microdeletion syndrome. *European journal of human genetics : EJHG*, 1093-9.

27. Dlugos D, Shinnar S, Cnaan A, Hu F, Moshe S, Mizrahi E, Masur D, Sogawa Y, **Le Pichon J**, Levine C, Hirtz D, Clark P, Adamson P, Glauser T, Team C. (2013). Pretreatment EEG in childhood absence epilepsy: associations with attention and treatment outcome. *Neurology*, 150-6.

28. Glauser T, Cnaan A, Shinnar S, Hirtz D, Dlugos D, Masur D, Clark P, Adamson P, Study Team C, **Le Pichon J**. (2013). Ethosuximide, valproic acid, and lamotrigine in childhood absence epilepsy: initial monotherapy outcomes at 12 months. *Epilepsia*, 141-55.

29. **Le Pichon J**, Bittel D, Graf W, Yu S. (2010). A 15q13.3 homozygous microdeletion associated with a severe neurodevelopmental disorder suggests putative functions of the TRPM1, CHRNA7, and other homozygously deleted genes. *American journal of medical genetics. Part A*, 152A(5), 1300-4.

30. Glauser T, Cnaan A, Shinnar S, Hirtz D, Dlugos D, Masur D, Clark P, Capparelli E, Adamson P, Study Group C, **Le Pichon J**. (2010). Ethosuximide, valproic acid, and lamotrigine in childhood absence epilepsy. *The New England journal of medicine*, 790-9.

#### **Non-Peer-Reviewed Publications**

1. Scher M, Breningstall G, Gilbert D, Jordan L, Khakoo Y, **Le Pichon J**. (2019). *The 2018 Pediatric Neurology Trainee Publication Award* (vol. 101, pp. 1).

2. Scher MS, Breningstall G, Gilbert D, Jordan L, Khakoo Y, **Le Pichon J**. (2018). *The 2017 Pediatric Neurology Training Publication Award* (vol. 86, pp. 4).

3. Scher M, Breningstall G, Gilbert D, Jordan L, Khakoo Y, **LePichon J**. (2017). *Editorial: The 2016 Pediatric Neurology Trainee Publication Award*. (vol. 75, pp. 3).

4. Graf W, **Le Pichon J**, Bittel D, Abdelmoity A, Yu S. (2010). *Practice parameter: evaluation of the child with microcephaly (an evidence-based review): report of the quality standards subcommittee of the American Academy of Neurology and the Practice Committee of the Child Neurology Society*. (13th ed., vol. 74, pp. 1080-1; author reply 1081).

#### **Book Chapters**

Allison T, **Le Pichon J**. (2021). Neurological Manifestations of Systemic Diseases. *Pediatric Neurology: Clinical Assessment and Management* (pp. Chapter 22).

**Le Pichon J**, Riordan S, Shapiro S. (2018). Hyperbilirubinemia and the Risk for Brain Injury. *Neurology: Neonatology Questions and Controversies* (3rd ed., pp. 163-186).

**Le Pichon J**, Shapiro S. (2015). Neonatal Hypotonia. *Neonatology Clinical Practice and Procedures* (1st ed., pp. 211-223).

## **Presentations and Invited Talks**

### **Invited Presentations**

#### **National/International Presentations**

1. **Le Pichon J**, Providing Equitable Care for Children and Youth with Epilepsy (CYE) Panel, Empowering Connections: A Virtual Symposium for Enhancing Care for Children and Youth with Epilepsy, American Academy of Pediatrics. (June 2024).
2. **Le Pichon J**, Management of Common Pediatric Epilepsies, The Restoration Act Clinical Seminar, The Restoration Act. (April 2024).
3. **Le Pichon J**, Updates in Epilepsy in Children, The Restoration Act Clinical Seminar, The Restoration Act. (March 2024).
4. **Le Pichon J**, Moderator of the Science Committee: Scientific Session S34, Child Neurology and Developmental Neurology 2, AAN Annual Meeting 2023, American Academy of Neurology, Boston, MA. (April 2023).
5. **Le Pichon J**, Research and Pharmacogenomics in the PICU, Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) Meeting, Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER), Washington, DC. (June 2022).
6. **Le Pichon J**, Study design and challenges in the PICU, Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER) Meeting, Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER), Washington, DC. (June 2022).
7. **Le Pichon J**, Engaging stakeholders in study design: a panel discussion, Sedation Consortium on Endpoints and Procedures for Treatment, Education, and Research (SCEPTER-IV) Virtual Meeting, SCEPTER-IV. (March 2022).
8. **Le Pichon J**, Partnerships in Global Health, Global Child Health Research Series Webinar, University of Minnesota. (November 2021).
9. **Le Pichon J**, Evaluacion del neurodesarrollo en recién nacidos (Neurodevelopmental Assessment in Newborns), Oaxaca Virtual Conference, Oaxaca. (November 2020).
10. **Le Pichon J**, Neurogenomica en Niños con epilepsia (Neurogenomics in Children with Epilepsy), Oaxaca Virtual Conference, Oaxaca. (November 2020).
11. **Le Pichon J**, Tic, Twitches, Dizziness, Weakness and Headaches: Admit for Discharge? Sorting Out the Neurological Emergency, Society for Pediatric Urgent Care Annual Meeting, Society for Pediatric Urgent Care, Orlando, FL. (October 2018).
12. **Le Pichon J**, Genomes and Exomes in the Pediatric Neurology Clinic: Solutions and Challenges, Hasbro Children's Hospital/Brown University, Hasbro Children's Hospital/Brown University, Providence, RI. (September 2017).
13. **Le Pichon J**, You Don't Need to Be a Neurologist!, American Academy of Pediatrics National Conference, American Academy of Pediatrics, Chicago, IL. (September 2017).
14. **Le Pichon J**, Aspects of Physics in the RN Examination, International Seminar: News on Neonatal Neurology, Federico Gomez Children's Hospital, Mexico City, Mexico. (August 2017).

15. **Le Pichon J**, Neonatal Seizures, Keynote Address, International Seminar: News on Neonatal Neurology, Federico Gomez Children's Hospital, Mexico City, Mexico. (August 2017).
16. **Le Pichon J**, Background: Enteroviruses and Acute Flaccid Myelitis Historical Review and Insights into the Neuropathology, 44th Annual Child Neurology Society (CNS) Meeting, Child Neurology Society (CNS), Washington, DC. (October 2015).
17. **Le Pichon J**, Organizer and Facilitator: Breakfast Seminar 1, CNS 44th Annual Meeting, CNS, Washington, DC. (September 2015).
18. **Le Pichon J**, Progress Towards a Bilirubin Encephalopathy Susceptibility Gene Panel, Don Ostrow Trieste Yellow Retreat (DOTYR), Don Ostrow Trieste Yellow Retreat, Trieste, Italy. (September 2015).
19. **Le Pichon J**, Enterovirus D68 and Acute Flaccid Myelitis, a Onetime Epidemic or a Sign of Things to Come?, 18th Annual Pediatric Epilepsy Symposium, Pediatric Epilepsy, Asheville, NC. (February 2015).
20. **Le Pichon J**, Standard Protocol for Initiating AED Therapy in Newborns, 18th Annual Pediatric Epilepsy Symposium, Pediatric Epilepsy, Asheville, NC. (February 2015).
21. **Le Pichon J**, What are the Molecular Mechanisms that Govern Selective Vulnerability in the CNS? An Old Problem Re-examined in the Light of New Technologies, Don Ostrow Trieste Yellow Retreat, Don Ostrow Trieste Yellow Retreat, Trieste, Italy. (August 2013).
22. **Le Pichon J**, Concussions: An Old Problem, a New Approach, Pediatrics for the Practitioner and Primary Care Conference, Children's Mercy Hospital, Kohala Coast, HI. (October 2012).
23. **Le Pichon J**, Pediatric Headaches: A Rational Approach to a Common Problem, Pediatrics for the Practitioner and Primary Care Conference, Children's Mercy Hospital, Kohala Coast, HI. (October 2012).
24. **Le Pichon J**, Seizures and Epilepsy: What to do While I Wait for the Neurology Referral?, Pediatrics for the Practitioner and Primary Care Conference, Children's Mercy, Kohala Coast, HI. (October 2012).
25. **Le Pichon J**, Seizures and Epilepsy: what to do while I wait for the neurology referral?, Pediatrics for the Practitioner and Primary Care Conference, Children's Mercy Hospital, Kohala Coast, HI. (October 2012).
26. **Le Pichon J**, Tics and Tourette Syndrome: to Treat or not to Treat, Pediatrics for the Practitioner and Primary Care Conference, Children's Mercy Hospital, Kohala Coast, HI. (October 2012).

#### **Local/Regional Presentations**

1. Linebarger J, **Le Pichon J**, Taking the Journey Together: Delivering Effective Family-Centered Care, Office of Faculty Development Microsession, Children's Mercy Kansas City. (January 2023).
2. **Le Pichon J**, Community Presentation, Creating a Brighter Future - The Ideas that Shape Our Lives, TedX Deerfield Highschool, Deerfield, KS. (March 2018).
3. **Le Pichon J**, Abdelmoity A, Point and Counterpoint: Treating Neonatal Subclinical Seizures or Not, 10th Annual Missouri Valley Child Neurology Colloquium, Missouri Valley Child Neurology, Kansas City, MO. (April 2016).
4. **Le Pichon J**, EV D68 Associated Acute Flaccid Myelitis, 9th Annual Missouri Valley Child Neurology Colloquium, Missouri Valley Neurology, St. Louis, MO. (April 2015).

5. **Le Pichon J**, History, Diagnosis and Treatment of Tic Disorders. Recent Advances in Medicine, Recent Advances in Medicine, Recent Advances in Medicine, Kansas City, MO. (June 2013).
6. **Le Pichon J**, Headaches for Allergist/Immunologist, Children's Mercy Kansas City, Department of Allergy/Asthma/Immunology Education, Children's Mercy Hospital, Kansas City, MO. (June 2011).
7. **Le Pichon J**, What is the diagnostic Yield of High-Resolution aCGH in Primary Neurodevelopmental Disorders?, 4th Annual Missouri Valley Child Neurology Colloquium, Missouri Valley Child Neurology, Lake of the Ozarks, MO. (February 2010).
8. **Le Pichon J**, Childhood Epilepsy and Current Treatments, 3rd Biennial Brains Storms: Bringing Epilepsy Stigma out of the Shadows, Epilepsy Recourse Connection, Wichita, KS. (November 2009).
9. **Le Pichon J**, Head Trauma, What's Old, What's New and What's Next, 2nd Annual Missouri Valley Child Neurology Colloquium, Missouri Valley Child Neurology, Osage Beach, MO. (February 2008).

### **Grand Rounds**

1. **Le Pichon J**, Angelman Syndrome, a proof of concept using genomic medicine in neurocognitive disorders, KU Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2025).
2. **Le Pichon J**, Medical Homes for Rare Genetic Disorders, a demonstration project applied to Angelman Syndrome, SUNY Upstate Pediatric Grand Rounds, SUNY Upstate Golisano Children's Hospital. (October 2024).
3. **Le Pichon J**, Developing medical homes for children with epilepsy in rural Kansas, a model for leveraging digital platforms in reaching underserved populations, Child Neurology Grand Rounds, Virtual, Children's Hospital Los Angeles, Los Angeles, CA. (April 2023).
4. **Le Pichon J**, From Bilirubin Encephalopathy to Kernicterus, an Adventure in Global Medicine, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2023).
5. **Le Pichon J**, Neurogenomics in the Pediatric Neurology Clinic, Neurology Grand Rounds, University of Missouri Health System, Columbia, MO. (December 2021).
6. **Le Pichon J**, Neurologic Mimics of Pediatric Psychiatric Illness, Paul Laybourne Symposium on Child Psychiatry 2021, Virtual Meeting, University of Kansas Medical Center, Kansas City, KS. (May 2021).
7. **Le Pichon J**, Congenital Hypotonia, Neurology and Neurosurgery Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2021).
8. **Le Pichon J**, Pediatric Neurological Mimics of Psychiatric Illnesses, Psychiatry Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (March 2019).
9. **Le Pichon J**, Research in Low and Middle Income Countries: Lessons Learned and Moving Onward, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2019).
10. **Le Pichon J**, Exomes, Genomes, GWAS and Still No Answers-Gee Whiz, Where Do We Go Next?, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2017).
11. **Le Pichon J**, The Acute Flaccid Myelitis Epidemic of 2014: Isolated Incident or a Sign of More to Come?, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (February 2015).

12. **Le Pichon J**, A Medical Home for Patients with Tourette Syndrome, Pediatric Grand Rounds, Children's Mercy Kansas City, Kansas City, MO. (May 2014).

13. **Le Pichon J**, Next-Generation Sequencing & Comparative Genomic Hybridization, the Good, the Bad, and the Ugly The Children's Mercy Experience, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (January 2013).

14. **Le Pichon J**, Neurogenetic from Phenotype to Genotype and Back, Neurology Grand Rounds, University of Kansas Medical Center, Kansas City, KS. (February 2012).

## **Non-Invited Presentations**

### **Abstract/Poster Presentations**

1. Varela LK, Horton S, Abdelmoity AT, **Le Pichon J**, Hoffman M, Enhancing Accessibility and Engagement: A Comparative Analysis of User Traffic to Paired Clinical Videos in English and Spanish, Child Neurology Society Annual Meeting, Child Neurology Society, Vancouver, Canada. (October 2023).

2. Horton S, **Le Pichon J**, Abdelmoity O, Waller M, Abdelmoity AT, The Use of YouTube Videos in Engaging Children with Epilepsy and their Families., Child Neurology Society Annual Meeting, Child Neurology Society, Vancouver, Canada. (October 2023).

3. Gelineau-Morel R, Usman, Shehu S, Abdulsalam M, Shapiro S, Slusher TM, **Le Pichon J**, Farouk ZL, A Modified Kernicterus Spectrum Disorder Toolkit Is Useful In Diagnosing Kernicterus Spectrum Disorders In Resource-Limited Settings, Pediatric Academic Societies Annual Meeting, Pediatric Academic Societies, Denver, CO. (April 2022).

4. **Le Pichon J**, Abdelmoity A, Noel-MacDonnell J, Abdelmoity A, Effects of antiepileptic medications with carbonic anhydrase activity on the ketogenic diet, Pediatric Academic Societies Annual Meeting, Pediatric Academic Societies, Denver, CO. (April 2022).

5. Gelineau-Morel R, Usman F, Shehu S, Slusher TM, Shapiro S, Yen HW, Farouk ZL, Suwaid M, **Le Pichon J**, Longitudinal Magnetic Resonance Imaging in Neonatal Hyperbilirubinemia and Correlation with Kernicterus Spectrum Disorders, Pediatric Academic Societies Annual Meeting, Pediatric Academic Societies, Denver, CO. (April 2022).

6. Goggin K, Pedram S, Horton S, Staggs V, Abdelmoity A, **Le Pichon J**, Psychosocial stressors and barriers to care for rural and Hispanic children with epilepsy and their families during the COVID-19 pandemic, Pediatric Academic Societies Meeting, Pediatric Academic Societies (PAS), Denver, CO. (April 2022).

7. Fecske E, **Le Pichon J**, Waller M, Abdelmoity AT, Wellman C, Transition to Telemedicine: Being Nimble During Covid-19, American Epilepsy Society Annual Meeting - Virtual, American Epilepsy Society. (December 2020).

8. Abdelmoity S, Abdelmoity AT, Riordan S, Kaufmann C, **Le Pichon J**, Abdelmoity A, Auto-Stimulation VNS in Pediatric Patients with Lennox-Gastaut Syndrome, Joint Child Neurology Society/ International Child Neurology Congress Annual Meeting- Virtual, Child Neurology Society. (October 2020).

9. Sharma S, Repnikova E, **Le Pichon J**, Diagnostic yield of genetic testing in infants with congenital hypotonia, Joint Child Neurology Society/International Child Neurology Congress - Virtual Meeting, Child Neurology Society/International Child Neurology Congress. (October 2020).

10. Abdelmoity AT, **Le Pichon J**, Abdelmoity S, Abdelmoity A, Efficacy of Combining Ketogenic Diet and Vagus Nerve Stimulation, Joint Child Neurology Society/ International Child Neurology Congress Annual Meeting- Virtual, Child Neurology Society. (October 2020).
11. Oguche S, Diala U, Ofakunrin A, Abdulkadir I, Abdullahi F, Hassan L, Abdussalam M, Umar S, Jibir B, Shapiro S, **Le Pichon J**, Riordan S, Slusher T, Kleinfeld A, Changes in total and free bilirubin following treatment for hyperbilirubinemia: Early reports from three sites in Nigeria, Pediatric Academic Societies Meeting, Pediatric Academic Societies. (May 2020).
12. Riordan S, Shapiro S, **Le Pichon J**, Abdulkadir I, Hassan L, Farouk Z, Usman F, Shwe D, Toma B, Kleinfeld A, Slusher T, Suleian H, Samuel M, Mohammed I, Correlation of total and free bilirubin levels in neonates with significant hyperbilirubinemia, Pediatric Academic Societies Meeting, Pediatric Academic Societies. (April 2020).
13. Abdulkadir I, Slusher T, Bode-Thomas F, Riordan S, **Le Pichon J**, Hassan L, Abdullahi S, Ofakunrin A, Oguche S, Shapiro S, Ogala W, Developing technologically advanced research in Low-and Middle-Income Countries, Pediatric Academic Societies Meeting, Pediatric Academic Societies, Baltimore, MD. (April 2019).
14. Riordan H, **Le Pichon J**, Shapiro S, Slusher T, Abdullahi F, Suleiman H, Pam V, Samuel M, Yilgwan S, Isichei C, Mohammed I, Total and Free Plasma Bilirubin and Clinical Outcome in Severe Hyperbilirubinemia, Pediatric Academic Societies Meeting, Pediatric Academic Societies, Baltimore, MD. (April 2019).
15. Riordan SM, **Le Pichon J**, Shapiro S, Cowden J, VillaGullen M, Thielemans L, Villanueva Garcia D, Aguirre-Hernandez J, Weighted Pathway Genetic Load Analysis of Hyperbilirubinemic Infants Indicates a Potential Genetic Component for Susceptibility to Bilirubin Neurotoxicity, Pediatric Academic Societies Meeting, Pediatric Academic Societies, Baltimore, MD. (April 2019).
16. Kaufman C, Abdelmoity A, **Le Pichon J**, Sullivant S, Zinkus T, Amaral D, Microelectrode Recording and Subsequent Laser Thermal Ablation for Kluver-Bucy Syndrome: Case report and Elucidation of Underlying Pathophysiology, 41st Annual Meeting of the American Society of Pediatric Neurosurgeons, ASPN, Key West, FL. (January 2018).
17. Quezada J, **Pichon JL**, Ethical Dilemma: Pediatric Kluver-Bucy Syndrome, Pushing the Boundaries between Psychosurgery and Epilepsy Surgery, Child Neurology Society Annual Meeting, Child Neurology Society, Kansas City, MO. (October 2017).
18. Quezada J, **Le Pichon J**, Post-infections Kluver-Bucy syndrome, Pushing the boundaries between psychosurgery and epilepsy surgery, Child Neurology Society, Child Neurology Society, Kansas City, MO. (October 2017).
19. **Le Pichon J**, Saunders CJ, Farrow E, Soden S, Parikh S, Thiffault I, Escaping X-inactivation: A New Perspective on KIAA2022-Related Disorders: Allosome Imprinting & Sexual Phenotypic Dimorphism, 45th Annual Child Neurology Society Meeting, Child Neurology Society, Vancouver, BC, Canada. (October 2016).
20. Riordan H, **Le Pichon J**, Aalbers B, Palliative use of intrathecal baclofen in leukodystrophy: a review of two cases, 45th Annual Child Neurology Society Meeting, Child Neurology Society, Vancouver, BC, Canada. (October 2016).
21. Allison T, ForsytheR, CoffmanK, **J**, Brown-Violetto-Van Laere Syndrome Mistaken for Neuroimmune Disorders: Three Cases from the Clinic and Review of the Literature, Child Neurology Society Annual Meeting, Child Neurology Society, Washington, DC. (October 2015).

22. **Le Pichon J**, Miller N, Dinwiddie D, Twist G, Noll A, Heese BA, Zellmer L, Atherton AM, Abdelmoity AT, Petrikin JE, Safina NP, Nyp SS, Zuccarelli B, Larson A, Pediatric Neurodevelopmental Disabilities Refractory to Traditional Diagnosis: Diagnostic Rate, Cost and Change-in-Care of Whole Genome Versus Exome Sequencing, American Society of Human Genetics Meeting (ASHG), American Society of Human Genetics, San Diego, CA. (October 2014).
23. **Le Pichon J**, Bittel DC, Shapiro SM, What are the Molecular Mechanisms that Govern Region Specific Vulnerability to Bilirubin in the Central Nervous System?, Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting, Pediatric Academic Societies (PAS), Vancouver, BC, Canada. (May 2014).
24. Saunders CJ, Farrow EG, Miller N, Smith L, Dinwiddie D, Atherton AM, Soden SE, **Le Pichon J**, Heese BA, Abdelmoity AT, Safina NP, Modrcin AC, Willig LK, Kingsmore S, Utility of a Strategic Next Generation Sequencing Approach to Genomic Diagnosis of Patients with Neurodevelopmental Disorders, American Society of Human Genetics Meeting (ASHG), American Society of Human Genetics, Boston, MA. (October 2013).
25. **Pichon JL**, Abdelmoity A, Soden S, Smith L, Modrcin A, Saunders C, Farrow E, Dinwiddie D, Miller N, Atherton A, Kingsmore S, Utility of exome sequencing in the evaluation of neurodevelopmental disorders, 42nd Annual Child Neurology Society Meeting, Child Neurology Society. (October 2013).
26. **Pichon JL**, Luniova A, Yuen J, Abdelmoity A, Allaboun K, Sherman A, Haney C, Yu S, Graf W, What is the clinical utility of chromosomal microarray testing in general child neurology practice?, 41st Annual Child Neurology Society Meeting, Child Neurology Society, Huntington Beach, CA. (October 2012).
27. Abdelmoity AT, Driscoll V, Thompson L, **Le Pichon J**, Ketogenic diet efficacy in children with pharmacologically intractable epilepsy of different types, 63rd Annual American Epilepsy Society Meeting, American Epilepsy Society, Boston. (December 2009).
28. Driscoll V, **Le Pichon J**, Thomson L, Vaughn L, Womelduff G, Abdelmoity A, Parents' Perspective on quality of life improvement in patients with intractable epilepsy receiving a ketogenic diet, 63rd Annual American Epilepsy Society Meeting, American Epilepsy Society, Boston, MA. (December 2009).
29. Abdelmoity AT, Yu S, **Le Pichon JJ**, Allaboun K, Womelduff G, Sherman A, Bittel D, Graf W, Genomic testing by 244K oligonucleotide microarray CGH in primary microcephaly: predictive value of additional clinic findings, Child Neurology Society Annual Meeting, Child Neurology Society, Louisville, KY. (October 2009).
30. **Le Pichon J**, Allaboun K, Graf W, Abdelmoity A, Womelduff G, Sherman A, Bittel D, Yu S, Predictive clinical findings associated with genomic disorders in unexplained primary intellectual disability, Child Neurology Society Meeting, Child Neurology Society, Louisville, KY. (October 2009).
31. Graf WD, **Le Pichon J**, Abdelmoity A, Sherman A, Bittel D, Yu S, The "phenotype first" to "genotype first" paradigm shift: rethinking genomic discovery using microarray (aCGH) and the neuroethics of incidental findings, Child Neurology Society Meeting, Child Neurology Society, Louisville, KY. (October 2009).
32. Helekar S, **Le Pichon J**, Experimental predictions based on the statistical and temporal aspects of a hypothetical neural mechanism for subjectivity, The Science of Consciousness Conference, The University of Arizona, Tucson, AZ. (April 1998).
33. **Le Pichon J**, Patrick J, Identification of new residues contributing to the binding site of the neuronal nicotinic alpha7 receptor, 27th Annual Society for Neuroscience Meeting, Society for Neuroscience, New Orleans, LA. (October 1997).

34. Colquhoun L, **Le Pichon J**, Vollrath M, Patrick J, Alpha7 receptor function is rescued from cyclosporin block by coexpression with muscle delta subunit, 24th Annual Society for Neuroscience Meeting, Society for Neuroscience, Miami Beach, FL. (November 1994).

### **Journal Reviews and Editorial Board Appointments**

Manuscript Reviewer Experimental Neurology	January 2025 - Present
Manuscript Reviewer Neurochemical Alterations in the Cerebellum in Friedreich's Ataxia Mouse Models	January 2025 - Present
Editorial Board Member Annals of Child Neurology Society	2022 - Present
Manuscript Reviewer Biomedicines	2022 - Present
Manuscript Reviewer Diagnostics	2022 - Present
Manuscript Reviewer Seizure	2022 - Present
Manuscript Reviewer Clinical Pediatrics	2021 - Present
Manuscript Reviewer Neuropsychiatric Disease and Treatment	2021 - Present
Manuscript Reviewer Orphanet Journal of Rare Diseases	2021 - Present
Manuscript Reviewer Wellcome Open Research	2021 - Present
Manuscript Reviewer Epilepsy Research	2020 - Present
Manuscript Reviewer Genes	2020 - Present
Manuscript Reviewer Pediatric Research	2020 - Present
Manuscript Reviewer BMJ Case Reports	2019 - Present
Manuscript Reviewer Clinical Neurology and Neurosurgery	2018 - Present
Manuscript Reviewer European Journal of Medical Genetics	2018 - Present

Manuscript Reviewer European Journal Human Genetics	2017 - Present
Manuscript Reviewer Journal of Neuromuscular Disease	2017 - Present
Editorial Board Member Pediatric Neurology	2015 - Present
Manuscript Reviewer Neuropsychiatric Genetics	2013 - Present
Manuscript Reviewer The International Journal of Neuroscience	2012 - Present
Manuscript Reviewer The Journal of Maternal-Fetal & Neonatal Medicine	2012 - Present
Manuscript Reviewer Journal of Pediatric Epilepsy	2011 - Present
Manuscript Reviewer Pediatric Neurology	2012 - 2015

### **Media Contributions**

Expert Commentary: Overland Park mom helps girl in Gaza with same rare disease as her daughter, KMBC 9 News	May 2024
Expert Commentary: A new, more diverse human genome offers hope for rare genetic diseases, The Washington Post	May 2023
Expert Commentary: KC parents become advocates for families dealing with rare diseases, KMBC 9 News	March 2023
Helping Children With Epilepsy Get Access to Care, AAP Voices Blog	November 2021
Expert Commentary: Sulforaphane improves autism symptoms, Neurology Today Online	October 2018
Radio Interview: Stroke Protocol, KMBZ Radio	January 2018
Expert Commentary: In the Pipeline – Neurogenetics In Small Study, Gene Therapy Found Safe and Well-Tolerated for Sanfilippo Type B, Neurology Today Online	September 2017
Inside Pediatrics Children's Mercy Kansas City, Season 2, KMBC-TV Kansas City, MO	December 2015
Inside Pediatrics Children's Mercy Kansas City, Season 1, KMBC-TV Kansas City, MO	December 2014
Expert Commentary for Article-In-Brief by Dan Hurley: Cases of Acute Flaccid Myelitis in Children Suspected in Multiple States, Prompting Comparisons to Polio, Neurology Today Online	November 2014

Concussions, Sports Radio 810WHB November 2012

Autoimmune Movement Disorders, KCTV 5 Kansas City, MO CBS February 2012

**Additional Service Activities**

Board Member 2023 - Present  
Missouri Physician Health Program, Kansas City, MO

Advisor 2020 - Present  
Nevus Outreach  
<https://www.nevus.org/our-mission>

Advisor 2019 - Present  
Firefly Fund on Niemann-Pick Type C  
<https://fireflyfund.org>

Organizer 2016  
10th Annual Missouri Valley Child Neurology Colloquium