

## Department of Anesthesiology Journal Articles

**July 1<sup>st</sup>, 2017 to June 30<sup>th</sup>, 2018**

1. Antonioli L, Novitskiy SV, Sachsenmeier KF, Fornai M, Blandizzi C, Haskó G. Switching off CD73: a way to boost the activity of conventional and targeted antineoplastic therapies. *Drug Discov Today* 2017;22:1686–96.
2. Antonioli L, Pellegrini C, Fornai M, Tirotta E, Gentile D, Benvenuti L, Giron MC, Caputi V, Marsilio I, Orso G, Bernardini N, Segnani C, Ippolito C, Csóka B, Németh ZH, Haskó G, Scarpignato C, Blandizzi C, Colucci R. Colonic motor dysfunctions in a mouse model of high-fat diet-induced obesity: an involvement of A2B adenosine receptors. *Purinergic Signal* 2017;13:497–510.
3. Assur Sanghai Z, Liu Q, Clarke OB, Belcher-Dufrisne M, Wiriayasermkul P, Giese MH, Leal-Pinto E, Kloss B, Tabuso S, Love J, Punta M, Banerjee S, Rajashankar KR, Rost B, Logothetis D, Quick M, Hendrickson WA, Mancia F. Structure-based analysis of CysZ-mediated cellular uptake of sulfate. *Elife* 2018;7.
4. Aziz MF, Healy DW, Brambrink AM, Kheterpal S. In Reply. *Anesthesiology* 2017;127:202–3.
5. Barnett C, Nnoli O, Abdulmahdi W, Nesi L, Shen M, Zullo JA, Payne DL, Azar T, Dwivedi P, Syed K, Gromis J, Lipphardt M, Jules E, Maranda EL, Patel A, Rabadi MM, Ratliff BB. Low birth weight is associated with impaired murine kidney development and function. *Pediatr Res* 2017;82:340–8.
6. Bateman BT, Cole NM, Maeda A, Burns SM, Houle TT, Huybrechts KF, Clancy CR, Hopp SB, Ecker JL, Ende H, Grewe K, Raposo Corradini B, Schoenfeld RE, Sankar K, Day LJ, Harris L, Booth JL, Flood P, Bauer ME, Tsen LC, Landau R, Leffert LR. Patterns of Opioid Prescription and Use After Cesarean Delivery. *Obstet Gynecol* 2017;130:29–35.
7. Bavley CC, Rice RC, Fischer DK, Fakira AK, Byrne M, Kosovsky M, Rizzo BK, Del Prete D, Alaiedini A, Morón JA, Higgins JJ, D'Adamio L, Rajadhyaksha AM. Rescue of Learning and Memory Deficits in the Human Nonsyndromic Intellectual Disability Cereblon Knock-Out Mouse Model by Targeting the AMP-Activated Protein Kinase-mTORC1 Translational Pathway. *J Neurosci* 2018;38:2780–95.
8. Berger NA, Besson VC, Boulares AH, Bürkle A, Chiarugi A, Clark RS, Curtin NJ, Cuzzocrea S, Dawson TM, Dawson VL, Haskó G, Liaudet L, Moroni F, Pacher P, Radermacher P, Salzman AL, Snyder SH, Soriano FG, Strosznajder RP, Sümegei B, Swanson RA, Szabo C. Opportunities for the repurposing of PARP inhibitors for the therapy of non-oncological diseases. *Br J Pharmacol* 2018;175:192–222.
9. Berman MF, Iyer N, Freudzon L, Wang S, Freundlich RE, Housey M, Kheterpal S, Multicenter Perioperative Outcomes Group (MPOG) Perioperative Clinical Research Committee. Alarm Limits for Intraoperative Drug Infusions: A Report From the Multicenter Perioperative Outcomes Group. *Anesth Analg* 2017;125:1203–11.
10. Bezinover D, Dirkmann D, Findlay J, Guta C, Hartmann M, Nicolau-Raducu R, Mukhtar AM, Moguilevitch M, Pivalizza E, Rosenfeld D, Saner F, Wray C, Wagener G, West J. Perioperative Coagulation Management in Liver Transplant Recipients. *Transplantation* 2018;102:578–92.
11. Brady JE, Giglio R, Keyes KM, DiMaggio C, Li G. Risk markers for fatal and non-fatal prescription drug overdose: a meta-analysis. *Inj Epidemiol* 2017;4:24.
12. Cai Y, Lopata L, Dodhia S, Monteleone M, Haddad J, Sun LS. Differences in postoperative maladaptive behavioral changes between partial and total tonsillectomy patients. *Int J Pediatr Otorhinolaryngol* 2018;106:55–8.
13. Chadha RM, Egan BJ. Perioperative considerations of herbal medications. *Curr Clin Pharmacol* 2017;12:194–200.
14. Chadha RM, Aniskevich S, Egan BJ. Pharmacology and perioperative considerations of pain medications. *Curr Clin Pharmacol*. 2017;12:164–168.
15. Chakrabarti S, Sen A, Huser V, Hruby GW, Rusanov A, Albers DJ, Weng C. An interoperable similarity-based cohort identification method using the OMOP common data model version 5.0. *J Healthc Inform Res*. 2017;1:1–18.
16. Chang BP, Gallos G, Wasson L, Edmondson D. The Unique Environmental Influences of Acute Care Settings on Patient and Physician Well-Being: A Call to Action. *J Emerg Med* 2018;54:e19–21.
17. Chaudhry SG, Bentley-Hibbert S, Stern J, Lobritto S, Martinez M, Vittorio J, Halazun KJ, Lee HT, Emond J, Kato T, Samstein B, Griesemer A. Growth of liver allografts over time in pediatric transplant recipients. *Pediatr Transplant* 2018;22.
18. Chicotka S, Burkhoff D, Dickstein ML, Bacchetta M. Extracorporeal Membrane Oxygenation for End-Stage Interstitial Lung Disease With Secondary Pulmonary Hypertension at Rest and Exercise: Insights From Simulation Modeling. *ASAIO J* 2018;64(2):203–210.
19. Chihuri S, Li G, Chen Q. Interaction of marijuana and alcohol on fatal motor vehicle crash risk: a case-control study. *Inj Epidemiol* 2017;4:8.
20. Chihuri S, Li G. Trends in prescription opioids detected in fatally injured drivers in 6 US states: 1995–2015. *Am J Public Health* 2017;107:1487–92.
21. Chihuri S, Li G. Use of prescription opioids and motor vehicle crashes: A meta analysis. *Accid Anal Prev* 2017;109:123–31.

22. Cousin B, Guglielminotti J, Iung B, Montravers P. Retrospective study of anaesthetic management of pregnancy patients with mechanical heart valve prosthesis and anticoagulants. *Anaesth Crit Care Pain Med* 2018;37:225–31.
23. Csóka B, Németh ZH, Duerr CU, Fritz JH, Pacher P, Haskó G. Adenosine receptors differentially regulate type 2 cytokine production by IL-33-activated bone marrow cells, ILC2s, and macrophages. *FASEB J* 2018;32:829–37.
24. Csóka B, Törő G, Vindeirinho J, Varga ZV, Koscsó B, Németh ZH, Kókai E, Antonioli L, Suleiman M, Marchetti P, Cseri K, Deák Á, Virág L, Pacher P, Bai P, Haskó G. A2A adenosine receptors control pancreatic dysfunction in high-fat-diet-induced obesity. *FASEB J* 2017;31:4985–97.
25. Csóka B, Németh ZH, Szabó I, Davies DL, Varga ZV, Pálóczi J, Falzoni S, Di Virgilio F, Muramatsu R, Yamashita T, Pacher P, Haskó G. Macrophage P2X4 receptors augment bacterial killing and protect against sepsis. *JCI Insight*. 2018 Jun 7;3(11).
26. Cullaro G, Pisa JF, Brown RS, Wagener G, Verna EC. Early Postoperative Neutrophil Gelatinase-Associated Lipocalin Predicts the Development of Chronic Kidney Disease After Liver Transplantation. *Transplantation* 2018;102:809–15.
27. Curry S. What Did You Learn Today? *Acad Med* 2017;92:1415.
28. Curry SE. Teaching Medical Students Clinical Anesthesia. *Anesth Analg* 2018;126:1687–94.
29. Davidson AJ, Sun LS. Clinical Evidence for Any Effect of Anesthesia on the Developing Brain. *Anesthesiology* 2018;128:840–53.
30. Delgado C, Ciliberto C, Bollag L, Sedensky M, Landau R. Continuous epidural infusion versus programmed intermittent epidural bolus for labor analgesia: optimal configuration of parameters to reduce physician-administered top-ups. *Curr Med Res Opin* 2018;34:649–56.
31. Dufrisne MB, Petrou VI, Clarke OB, Mancia F. Structural basis for catalysis at the membrane-water interface. *Biochim Biophys Acta* 2017;1862:1368–85.
32. Eby DW, Molnar LJ, Zakrajsek JS, Ryan LH, Zanier N, Louis RMS, Stanciu SC, LeBlanc D, Kostyniuk LP, Smith J, Yung R, Nyquist L, DiGuiseppi C, Li G, Mielenz TJ, Strogatz D, LongROAD Research Team. Prevalence, attitudes, and knowledge of in-vehicle technologies and vehicle adaptations among older drivers. *Accid Anal Prev* 2018;113:54–62.
33. Eisler L, Huang G, Lee K-EM, Busse JA, Sun M, Lin AY, Sun LS, Ing C. Identification of perioperative pulmonary aspiration in children using quality assurance and hospital administrative billing data. *Paediatr Anaesth* 2018;28:218–25.
34. Fischer CR, Mikami M, Minematsu H, Nizami S, Goo Lee H, Stamer D, Patel N, Yu Soung D, Back J-H, Song L, Drissi H, Lee FY. Calreticulin inhibits inflammation-induced osteoclastogenesis and bone resorption. *J Orthop Res* 2017;35:2658–66.
35. Forkuo GS, Nieman AN, Kodali R, Zahn NM, Li G, Rashid Roni MS, Stephen MR, Harris TW, Jahan R, Guthrie ML, Yu OB, Fisher JL, Yocom GT, Emala CW, Steeber DA, Stafford DC, Cook JM, Arnold LA. A Novel Orally Available Asthma Drug Candidate That Reduces Smooth Muscle Constriction and Inflammation by Targeting GABAA Receptors in the Lung. *Mol Pharm* 2018;15:1766–77.
36. Gokanapudy LR, Remy KE, Karuppiah S, Melgar Humala EV, Abdullah I, Ruppe MD, Schechter WS, Michler R, Tobias JD. Successful Surgical Repair and Perioperative Management of 6-Month-Old With Total Anomalous Pulmonary Venous Return in a Developing Country: Considerations for the Treatment of Pulmonary Hypertension. *Cardiol Res* 2018;9:53–8.
37. Gonzalez Fiol A, Meng M-L, Danhakl V, Kim M, Miller R, Smiley R. A study of factors influencing surgical cesarean delivery times in an academic tertiary center. *Int J Obstet Anesth* 2018;34:50–5.
38. Gordon RJ, Panigrahi SK, Meece K, Atalayer D, Smiley R, Wardlaw SL. Effects of Opioid Antagonism on Cerebrospinal Fluid Melanocortin Peptides and Cortisol Levels in Humans. *J Endocr Soc* 2017;1:1235–46.
39. Grunebaum MF, Galfalvy HC, Choo T-H, Keilp JG, Moitra VK, Parris MS, Marver JE, Burke AK, Milak MS, Sublette ME, Oquendo MA, Mann JJ. Ketamine for Rapid Reduction of Suicidal Thoughts in Major Depression: A Midazolam-Controlled Randomized Clinical Trial. *Am J Psychiatry* 2018;175:327–35.
40. Guan J, Li G. Characteristics of unintentional drowning deaths in children with autism spectrum disorder. *Inj Epidemiol* 2017;4:32.
41. Guan J, Li G. Guan and Li Respond. *Am J Public Health* 2017;107:e3–4.
42. Harrison NL, Skelly MJ, Grosserode EK, Lowes DC, Zeric T, Phister S, Salling MC. Effects of acute alcohol on excitability in the CNS. *Neuropharmacology* 2017;122:36–45.
43. Hartel AJW, Ong P, Schroeder I, Giese MH, Shekar S, Clarke OB, Zalk R, Marks AR, Hendrickson WA, Shepard KL. Single-channel recordings of RyR1 at microsecond resolution in CMOS-suspended membranes. *Proc Natl Acad Sci USA* 2018;115:E1789–98.
44. Haskó G, Antonioli L, Cronstein BN. Adenosine metabolism, immunity and joint health. *Biochem Pharmacol* 2018;151:307–13.
45. Hill LL, Lauzon VL, Winbrock EL, Li G, Chihuri S, Lee KC. Depression, antidepressants and driving safety. *Inj Epidemiol* 2017;4:10.

46. Hua M, Scales DC, Cooper Z, Pinto R, Moitra V, Wunsch H. Impact of Public Reporting of 30-day Mortality on Timing of Death after Coronary Artery Bypass Graft Surgery. *Anesthesiology* 2017;127:953–60.
47. Hua M. Psychological Outcomes after Critical Illness. Is It Time to Rethink Our Paradigm? *Am J Respir Crit Care Med* 2018;197:6–7.
48. Huang X, Keyes KM, Li G. Increasing Prescription Opioid and Heroin Overdose Mortality in the United States, 1999–2014: An Age-Period-Cohort Analysis. *Am J Public Health* 2018;108:131–6.
49. Huang Y, Chiu F, Webb CA, Weyker PD. Review of the evidence: best analgesic regimen for shoulder surgery. *Pain Manag* 2017;7:405–18.
50. Hyuga S, Danielsson J, Vink J, Fu XW, Wapner R, Gallos G. Functional comparison of anocetamin 1 antagonists on human uterine smooth muscle contractility and excitability. *J Smooth Muscle Res* 2018;54:28–42.
51. Ing C, Hegarty MK, Perkins JW, Whitehouse AJO, DiMaggio CJ, Sun M, Andrews H, Li G, Sun LS, Ungern-Sternberg BS von. Duration of general anaesthetic exposure in early childhood and long-term language and cognitive ability. *Br J Anaesth* 2017;119:532–40.
52. Ing C, Sun LS, Friend AF, Kim M, Berman MF, Paganelli W, Li G, Williams RK. Differences in intraoperative hemodynamics between spinal and general anesthesia in infants undergoing pyloromyotomy. *Paediatr Anaesth* 2017;27:733–41.
53. Ing C, Sun M, Olfson M, DiMaggio CJ, Sun LS, Wall MM, Li G. Age at Exposure to Surgery and Anesthesia in Children and Association With Mental Disorder Diagnosis. *Anesth Analg* 2017;125:1988–98.
54. Ing C, Wall MM, DiMaggio CJ, Whitehouse AJO, Hegarty MK, Sun M, Ungern-Sternberg BS von, Li G, Sun LS. Latent Class Analysis of Neurodevelopmental Deficit After Exposure to Anesthesia in Early Childhood. *J Neurosurg Anesthesiol* 2017;29:264–73.
55. Inquimbert P, Moll M, Latremoliere A, Tong C-K, Whang J, Sheehan GF, Smith BM, Korb E, Athié MCP, Babaniyi O, Ghasemlou N, Yanagawa Y, Allis CD, Hof PR, Scholz J. NMDA Receptor Activation Underlies the Loss of Spinal Dorsal Horn Neurons and the Transition to Persistent Pain after Peripheral Nerve Injury. *Cell Rep* 2018;23:2678–89.
56. Jeganathan J, Saraf R, Mahmood F, Pal A, Bhasin MK, Huang T, Mittel A, Knio Z, Simons R, Khabbaz K, Senthilnathan V, Liu D, Sellke F, Matyal R. Mitochondrial Dysfunction in Atrial Tissue of Patients Developing Postoperative Atrial Fibrillation. *Ann Thorac Surg* 2017;104:1547–55.
57. Jerome EH, Sun LS. Letter Concerning SCAI/CCAS/SPA Expert Consensus Statement for Anesthesia and Sedation Practice in the Cardiac Catheterization Laboratory. *Anesth Analg* 2017;125:1078.
58. Jin H, Williams SZ, Chihuri ST, Li G, Chen Q. Validity of oral fluid test for Delta-9-tetrahydrocannabinol in drivers using the 2013 National Roadside Survey Data. *Inj Epidemiol* 2018;5:3.
59. Joshi S, Cooke JRN, Ellis JA, Emala CW, Bruce JN. Targeting brain tumors by intra-arterial delivery of cell-penetrating peptides: a novel approach for primary and metastatic brain malignancy. *J Neurooncol* 2017;135:497–506.
60. Kachulis B, Mitrev L, Jordan D. Intraoperative anesthetic management of lung transplantation patients. *Best Pract Res Clin Anaesthesiol* 2017;31:261–272.
61. Kantor E, Guglielminotti J, Azria E, Luton D, Laurent M, Oury J-F, Mahieu-Caputo D, Ravaud P, Estellat C, PreCARE Study Group. Socioeconomic Deprivation and Utilization of Anesthetic Care During Pregnancy and Delivery: A Secondary Analysis of a French Prospective, Multicenter, Cohort Study. *Anesth Analg* 2017;125:925–33.
62. Kim M, Li G. Postoperative Complications Affecting Survival After Cardiac Arrest in General Surgery Patients. *Anesth Analg* 2018;126:858–64.
63. Kim M, Li G. Two-way Interaction Effects of Perioperative Complications on 30-Day Mortality in General Surgery. *World J Surg* 2018;42:2–11.
64. Kim M, Wall MM, Li G. Risk Stratification for Major Postoperative Complications in Patients Undergoing Intra-abdominal General Surgery Using Latent Class Analysis. *Anesth Analg* 2018;126:848–57.
65. Kortbaoui R, Allyn J, Guglielminotti J, Bussienne F, Montravers P, Martinet O, Vandroux D, Desmard M, Augustin P, Allou N. Pattern and consequences of cardiologic medications management for patients with elevated troponin I upon admission into an intensive care unit not linked to type 1 acute myocardial infarction: A prospective observational cohort study. *Ann Pharm Fr* 2017;75:285–93.
66. Lee AJ, Goodman SR, Banks SE, Lin M, Landau R. Development of a Multiple-Choice Test for Novice Anesthesia Residents to Evaluate Knowledge Related to Management of General Anesthesia for Urgent Cesarean Delivery. *J Educ Perioper Med* 2018;20:E621.
67. Lee AJ, Landau R, Mattingly JL, Meenan MM, Corradini B, Wang S, Goodman SR, Smiley RM. Left Lateral Table Tilt for Elective Cesarean Delivery under Spinal Anesthesia Has No Effect on Neonatal Acid-Base Status: A Randomized Controlled Trial. *Anesthesiology* 2017;127:241–9.
68. Lee AJ, Landau R, Smiley RM. In Reply. *Anesthesiology* 2018;128:861–2.
69. Lee AJ, Landau R. Aortocaval Compression Syndrome: Time to Revisit Certain Dogmas. *Anesth Analg* 2017;125:1975–85.

70. Lee KC, Lee BC, Miller SE. Monitored Anesthesia Care for the Acute Ischemic Stroke Patient with End-stage Pulmonary Disease. *Anesth Essays Res* 2017;11:1105–8.
71. Leffert L, Butwick A, Carvalho B, Arendt K, Bates SM, Friedman A, Horlocker T, Houle T, Landau R, Dubois H, Fernando R, Houle T, Kopp S, Montgomery D, Pellegrini J, Smiley R, Toledo P, members of the SOAP VTE Taskforce. The Society for Obstetric Anesthesia and Perinatology Consensus Statement on the Anesthetic Management of Pregnant and Postpartum Women Receiving Thromboprophylaxis or Higher Dose Anticoagulants. *Anesth Analg* 2018;126:928–44.
72. Leffert LR, Dubois HM, Butwick AJ, Carvalho B, Houle TT, Landau R. Neuraxial Anesthesia in Obstetric Patients Receiving Thromboprophylaxis With Unfractionated or Low-Molecular-Weight Heparin: A Systematic Review of Spinal Epidural Hematoma. *Anesth Analg* 2017;125:223–31.
73. Li G, DiMaggio CJ, Brady JE. Cannabis use and crash risk in drivers. *Addiction* 2017;112:1315.
74. Li G, Eby DW, Santos R, Mielenz TJ, Molnar LJ, Strogatz D, Betz ME, DiGuiseppe C, Ryan LH, Jones V, Pitts SI, Hill LL, DiMaggio CJ, LeBlanc D, Andrews HF, LongROAD Research Team. Longitudinal Research on Aging Drivers (LongROAD): study design and methods. *Inj Epidemiol* 2017;4:22.
75. Li H, Han SJ, Kim M, Cho A, Choi Y, D'Agati V, Lee HT. Divergent roles for kidney proximal tubule and granulocyte PAD4 in ischemic AKI. *Am J Physiol Renal Physiol* 2018;314:F809–19.
76. Lin JD, Lenke LG, Shillingford JN, Laratta JL, Tan LA, Fischer CR, Weller MA, Lehman RA Jr. Safety of a High-Dose Tranexamic Acid Protocol in Complex Adult Spinal Deformity: Analysis of 100 Consecutive Cases. *Spine Deform*. 2018;6(2):189–194.
77. Mackenzie WGS, McLeod L, Wang K, Crotty J, Hope JE, Imahiyerobo TA, Ko RR, Anderson RCE, Saiman L, Vitale MG. Team Approach: Preventing Surgical Site Infections in Pediatric Scoliosis Surgery. *JBJS Rev*. 2018 Feb;6(2):e2.
78. Martin E, Vickers B, Landau R, Reece-Stremtan S. ABM Clinical Protocol #28, Peripartum Analgesia and Anesthesia for the Breastfeeding Mother. *Breastfeed Med* 2018;13:164–71.
79. Matoba A, Matsuyama N, Shibata S, Masaki E, Emala CW, Mizuta K. The free fatty acid receptor 1 promotes airway smooth muscle cell proliferation through MEK/ERK and PI3K/Akt signaling pathways. *Am J Physiol Lung Cell Mol Physiol* 2018;314:L333–48.
80. Matsuyama N, Shibata S, Matoba A, Kudo T-A, Danielsson J, Kohjitani A, Masaki E, Emala CW, Mizuta K. The dopamine D1 receptor is expressed and induces CREB phosphorylation and MUC5AC expression in human airway epithelium. *Respir Res* 2018;19:53.
81. McCracken LM, Lowes DC, Salling MC, Carreau-Vollmer C, Odean NN, Blednov YA, Betz H, Harris RA, Harrison NL. Glycine receptor  $\alpha$ 3 and  $\alpha$ 2 subunits mediate tonic and exogenous agonist-induced currents in forebrain. *Proc Natl Acad Sci USA* 2017;114:E7179–86.
82. McEvoy MD, Thies K-C, Einav S, Ruetzler K, Moitra VK, Nunnally ME, Banerjee A, Weinberg G, Gabrielli A, Maccioli GA, Dobson G, O'Connor MF. Cardiac Arrest in the Operating Room: Part 2-Special Situations in the Perioperative Period. *Anesth Analg* 2018;126:889–903.
83. Meng M-L, Smiley R. Modern Neuraxial Anesthesia for Labor and Delivery. *F1000Res* 2017;6:1211.
84. Mielenz TJ, Durbin LL, Cisewski JA, Guralnik JM, Li G. Select physical performance measures and driving outcomes in older adults. *Inj Epidemiol* 2017;4:14.
85. Mittel AM, Wagener G. Anesthesia for Kidney and Pancreas Transplantation. *Anesthesiol Clin* 2017;35:439–52.
86. Moitra VK, Einav S, Thies K-C, Nunnally ME, Gabrielli A, Maccioli GA, Weinberg G, Banerjee A, Ruetzler K, Dobson G, McEvoy MD, O'Connor MF. Cardiac Arrest in the Operating Room: Resuscitation and Management for the Anesthesiologist: Part 1. *Anesth Analg* 2018;126:876–88.
87. Mulaikal TA, Bell LH, Li B, Wagener G, Takayama H. Isolated Right Ventricular Mechanical Support: Outcomes and Prognosis. *ASAIO J* 2018;64:e20–7.
88. Nakagawa S, Hua M, Takayama H. Who is not comfortable with the term “palliative care”-patient, family, or surgeon? *J Thorac Cardiovasc Surg* 2018;155:2032–3.
89. Noguchi KK, Johnson SA, Dissen GA, Martin LD, Manzella FM, Schenning KJ, Olney JW, Brambrink AM. Isoflurane exposure for three hours triggers apoptotic cell death in neonatal macaque brain. *Br J Anaesth* 2017;119:524–31.
90. Noguchi KK, Johnson SA, Manzella FM, Masuoka KL, Williams SL, Martin LD, Dissen GA, Ikonomidou C, Schenning KJ, Olney JW, Brambrink AM. Caffeine Augments Anesthesia Neurotoxicity in the Fetal Macaque Brain. *Sci Rep* 2018;8:5302.
91. Orbach-Zinger S, Landau R, Harousch AB, Ovad O, Caspi L, Kornilov E, Ioscovich A, Bracco D, Davis A, Fireman S, Hoshen M, Eidelman LA. The Relationship Between Women's Intention to Request a Labor Epidural Analgesia, Actually Delivering With Labor Epidural Analgesia, and Postpartum Depression at 6 Weeks: A Prospective Observational Study. *Anesth Analg* 2018;126:1590–7.
92. Pacher P, Steffens S, Haskó G, Schindler TH, Kunos G. Cardiovascular effects of marijuana and synthetic cannabinoids: the good, the bad, and the ugly. *Nat Rev Cardiol* 2018;15:151–66.
93. Perez-Zoghbi JF, Zhu W, Grafe MR, Brambrink AM. Dexmedetomidine-mediated neuroprotection against sevoflurane-induced neurotoxicity extends to several brain regions in neonatal rats. *Br J Anaesth* 2017;119:506–16.

94. Potestio C, Jordan D, Kachulis B. Acute postoperative management after lung transplantation. *Best Pract Res Clin Anaesthesiol* 2017;31:273-284.
95. Prabhu M, McQuaid-Hanson E, Hopp S, Burns SM, Leffert LR, Landau R, Lauffenburger JC, Choudhry NK, Kaimal A, Bateman BT. A Shared Decision-Making Intervention to Guide Opioid Prescribing After Cesarean Delivery. *Obstet Gynecol* 2017;130:42-6.
96. Prin M, Eaton J, Mtalimanja O, Charles A. High Elective Surgery Cancellation Rate in Malawi Primarily Due to Infrastructural Limitations. *World J Surg* 2018;42:1597-602.
97. Prin M, Phelps J. International Elective Opportunities in United States Anesthesia Residency Programs. *J Educ Perioper Med* 2017;19:E613.
98. Rabadi M, Kim M, Li H, Han SJ, Choi Y, D'Agati V, Lee HT. ATP induces PAD4 in renal proximal tubule cells via P2X7 receptor activation to exacerbate ischemic AKI. *Am J Physiol Renal Physiol* 2018;314:F293-305.
99. Reynolds AS, Rohaut B, Holmes MG, Robinson D, Roth W, Velazquez A, Couch CK, Presciutti A, Brodie D, Moitra VK, Rabbani LE, Agarwal S, Park S, Roh DJ, Claassen J. Early myoclonus following anoxic brain injury. *Neurol Clin Pract* 2018;8:249-56.
100. Roquet F, Guezouli L, Wachowska B, Balcan I, Montravers P, Longrois D, Guglielminotti J. Comparison of three stimulation sites on the pupillary dilation reflex amplitude evoked by a standardized noxious test. *Anaesth Crit Care Pain Med* 2017;36:365-9.
101. Salling MC, Skelly MJ, Avegno E, Regan S, Zeric T, Nichols E, Harrison NL. Alcohol Consumption during Adolescence in a Mouse Model of Binge Drinking Alters the Intrinsic Excitability and Function of the Prefrontal Cortex through a Reduction in the Hyperpolarization-Activated Cation Current. *J Neurosci* 2018;38:6207-22.
102. Saltzman AK, Fu PJ, Egan B. Anesthetic Management of a Pacemaker With a Rate Drop Response Setting: A Case Report. *A A Pract* 2018;10:61-4.
103. Scott KA, Rogers E, Betz ME, Hoffecker L, Li G, DiGuiseppi C. Associations Between Falls and Driving Outcomes in Older Adults: Systematic Review and Meta-Analysis. *J Am Geriatr Soc* 2017;65:2596-602.
104. Shaefi S, Mittel A, Klick J, Evans A, Ivascu NS, Gutsche J, Augoustides JGT. Vasoplegia After Cardiovascular Procedures-Pathophysiology and Targeted Therapy. *J Cardiothorac Vasc Anesth* 2018;32:1013-22.
105. Silverberg NB, Ko RR. Recent controversies in pediatric dermatology: The usage of general anesthesia in young children. *Cutis*. 2017;100:78-79.
106. Sonett J, Goldklang M, Sklepiewicz P, Gerber A, Trischler J, Zelonina T, Westerterp M, Lemaître V, Okada Y, D'Armiento J. A critical role for ABC transporters in persistent lung inflammation in the development of emphysema after smoke exposure. *FASEB J*. 2018 Jun 15:fj201701381.
107. Souter MJ, Eidbo E, Findlay JY, Lebovitz DJ, Moguilevitch M, Neidlinger NA, Wagener G, Paramesh AS, Niemann CU, Roberts PR, Pretto EA. Organ Donor Management: Part 1. Toward a Consensus to Guide Anesthesia Services During Donation After Brain Death. *Semin Cardiothorac Vasc Anesth* 2018;22:211-22.
108. Sun SA, Ma X, Li G, Ing C. Epidemiologic patterns of in-hospital anaphylaxis in pediatric surgical patients. *J Allergy Clin Immunol* 2018;141:1904-1905.e2.
109. Thacher RR, Hickernell TR, Grosso MJ, Shah R, Cooper HJ, Maniker R, Brown AR, Geller J. Decreased risk of knee buckling with adductor canal block versus femoral nerve block in total knee arthroplasty: a retrospective cohort study. *Arthroplast Today* 2017;3(4):281-285.
110. Tillmann B, Wunsch H. Care at a non-university hospital: an independent risk factor for mortality in ARDS? *Crit Care* 2017;21:195.
111. Trujillo O, Drusin MA, Pagano PP, Askin G, Rahmati R. Evaluation of Monitored Anesthesia Care in Sialendoscopy. *JAMA Otolaryngol Head Neck Surg* 2017;143:769-74.
112. Turner DL, Goldklang M, Cvetkovski F, Paik D, Trischler J, Barahona J, Cao M, Dave R, Tanna N, D'Armiento JM, Farber DL. Biased Generation and In Situ Activation of Lung Tissue-Resident Memory CD4 T Cells in the Pathogenesis of Allergic Asthma. *J Immunol* 2018;200:1561-9.
113. Varga ZV, Matyas C, Erdelyi K, Cinar R, Nieri D, Chicca A, Nemeth BT, Paloczi J, Lajtos T, Corey L, Hasko G, Gao B, Kunos G, Gertsch J, Pacher P.  $\beta$ -Caryophyllene protects against alcoholic steatohepatitis by attenuating inflammation and metabolic dysregulation in mice. *Br J Pharmacol* 2018;175:320-34.
114. Whittington RA, Planell E, Terrando N. Impaired Resolution of Inflammation in Alzheimer's Disease: A Review. *Front Immunol* 2017;8:1464.
115. Whittington RA. The Pros of Publishing Standalone Clinical Trial Protocols in Anesthesiology Journals. *Anesth Analg* 2018;126:1441-3.
116. Wolk RL, Lalwani AK, Pagano PP. Is dexamethasone effective in preventing nausea and vomiting after common otolaryngology procedures? *Laryngoscope* 2017;127:1493-5.
117. Woodworth GE, Ivie RMJ, Nelson SM, Walker CM, Maniker RB. Perioperative Breast Analgesia: A Qualitative Review of Anatomy and Regional Techniques. *Reg Anesth Pain Med* 2017;42:609-31.
118. Xiao R, Goldklang MP, D'Armiento JM. Reply: Parenchymal Airspace Profiling Has Its Merits and Is a Valuable Addition to Existing Methods for Lung Morphometry. *Am J Respir Cell Mol Biol* 2017;57:132-3.
119. Yocom GT, Turner DL, Danielsson J, Barajas MB, Zhang Y, Xu D, Harrison NL, Homanics GE, Farber DL, Emala CW. GABA<sub>A</sub> receptor  $\alpha 4$ -subunit knockout enhances lung inflammation and airway reactivity in a murine asthma model. *Am J Physiol Lung Cell Mol Physiol* 2017;313:L406-15.

120. Younger JD, Reitman E, Gallos G. Tocolysis: Present and future treatment options. *Semin Perinatol* 2017;41:493–504.

## Department of Anesthesiology Abstracts

**July 1<sup>st</sup>, 2017 to June 30<sup>th</sup>, 2018**

1. Akiyama K, Wu I, Kainuma A, Nakajima Y, Sawa T, Itatani K, Takayama H. The effect of aortic regurfitant jet directionality on energy loss. International Anesthesia Research Society 2018.
2. Anwar S, Lei SY. Acute fulminant liver failure due to iron intoxication requiring emergent liver transplant. Society for Pediatric Anesthesia/American Academy of Pediatrics 2018.
3. Atkinson DJ, Barajas M, Wu IY. Transcatheter tricuspid valve replacement in a native tricuspid valve with a novel atrioventricular valved stent. Society of Cardiovascular Anesthesiologists 2018.
4. Barajas M, Wu IY, Atkinson DJ. Transcatheter mitral valve replacement in a native mitral valve with a novel dual-stent device. Society of Cardiovascular Anesthesiologists 2018.
5. Chang C, Cosgrove S, Goodman SR. Anesthetic management of a patient with pruritic papules in third trimester: neuraxial vs general anesthesia? American Society of Anesthesiologists 2017.
6. Chen Q, WilliMA a, Liu Y, Chihuri S, Li G. Bayesian multilevel model based multiple imputation of missing toxicological teseting data for marijuana in the Fatality Analysis Reporting System. American Public Health Association 2017.
7. Chihuri S, Li G. Use of Prescription Opioids and Initiation of Fatal Two-Vehicle Crashes. Society for Epidemiologic Research 2018.
8. Cooke J, Joshi S. Anesthesia assisted chemotherapy (ACT) of brain tumors. Society for Neuroscience in Anesthesiology and Critical Care 2017.
9. Cooke J, Joshi S. Cell penetrating peptide (TAT) as a carrier for intraarterial chemotherapy. Society for Neuroscience in Anesthesiology and Critical Care 2017.
10. Cooke J, Joshi S. Feasibility of intraarterial chemotherapy with TAT-linked doxorubicin. Society for Neuroscience in Anesthesiology and Critical Care 2017.
11. Cosgrove SC, Lee AJ, Smiley RM, Landau Cahan R, Lavin TJ, Goodman SR. Clonidine versus fentanyl as the adjuvant for epidural top-up for breakthrough labor pain. American Society of Anesthesiologists 2017.
12. Danhakl VL, Miltiades A, Ing C, Landau R, Gallos G. "To be stressed or not too stressed?" – Resident stress and anxiety scores before and after obstetric anesthesia rotation. Society of Obstetric Anesthesia and Perinatology 2018.
13. Danhakl VL, Miltiades A, Ing C, Landau R, Gallos G. Workload on the labor floor: does it increase resident burnout? Society of Obstetric Anesthesia and Perinatology 2018.
14. Danielsson J, Kuforiji A, Perez-Zoghbi J, Zhang Y, Emala C. Antagonism of the TMEM16A calcium-activated chloride channel relaxes airway smooth muscle despite beta-andrenoceptor desensitization. American Thoracic Society 2018.
15. Danielsson J, Mikami M, Yocum GT, Kuforiji A, Emala CW. Antagonism of the TMEM16A calcium-activated chloride channel attenuates allergic lung inflammation. Association of University Anesthesiologists 2018.
16. Dave M, Schaff J, Steffner K. Migration of fractured inferior vena cava filter strut into the right ventricular wall. Society of Cardiovascular Anesthesiologists 2018.
17. Ding JH, Shao A, Brown AR. Presentation of suspected subdural placement of thoracic epidural catheter. American Society of Regional Anesthesia and Pain Medicine – Pain Meeting 2017.
18. Ding JH, Shao A, Brown AR. Presentation of suspected subdural placement of thoracic epidural catheter. New York State Society of Anesthesiologists PostGraduate Assembly in Anesthesiology 2017.
19. Dodick TA, Bachetta M, Dickstein M. New left ventricular failure following double lung transplantation in a patient with severe pulmonary hypertension. Society of Critical Care Anesthesiologists 2018.
20. Dodick TA, Wu IY. Transatrial implantation of a balloon-expandable transcatheter heart valve in a patient with severe mitral annular calcification. Society of Cardiovascular Anesthesiologists 2018.
21. Duffy C, Chen L, Landau R, Wright JD, D'Alton ME, Friedman AM. Long acting opioid use during delivery hospitalizations and risk for severe maternal morbidity. Society of Obstetric Anesthesia and Perinatology 2018.
22. Egan B, Hastie J, Lin M, Ludwin D, Hastie M. Effectiveness of a flipped classroom model compared to a traditional format in anesthesiology education. International Anesthesia Research Society 2018.
23. Egan B, Hastie J, Lin M, Ludwin D, Hastie M. Effectiveness of a flipped classroom model compared to a traditional format in anesthesiology education. Association of University Anesthesiologists 2018.
24. Eisler L, Kim M, Mamdani F, Hua M, Li G, Sun L. Unplanned postoperative intubation in infant and neonatal surgical patients: predictors and associated mortality. International Anesthesia Research Society 2018.
25. Eisler L, Kim M, Mamdani F, Hua M, Li G, Sun L. Unplanned postoperative intubation in infants and neonatal surgical patients: predictors and associated mortality. Association of University Anesthesiologists 2018.
26. Eisler LD, Sun L. Ophthalmologic abnormalities in children with in-utero opioid exposure. American Society of Anesthesiologists 2017.
27. Faloba K, Landau R. From the dimple to the delivery: a case report of labor analgesia in patient with suspected spinal dysraphism. American Society of Anesthesiologists 2017.
28. Go R, Huang Y. The epidemiology of ambulatory low back pain injections in New York state in 2011. American Society of Regional Anesthesia and Pain Medicine – Pain Medicine Meeting 2017.

29. Goldklang M, Jean-Louis T, Chen J, Gerber A, Stearns K, Zelonina T, Marx S, D'Armiento J. Novel role for the BK channel in macrophage phagocytosis. American Thoracic Society 2018.
30. Gordo K, Wagener G. Predicting postoperative liver dysfunction using indocyanine green clearance after cardiac surgery. Association of University Anesthesiologists 2018.
31. Greenwald A, Kurlansky P, Argenziano M, Yip N, Bennet B, Langone D, Veloria E, Guevara S, Moitra V. Quality improvement in ventilation times in patients excluded from a protocol as evidence of culture change. American Thoracic Society 2018.
32. Greenwald A, Pereira M, Moitra V. Diagnostic utility of blood cultures in the post solid organ transplant patient. American Thoracic Society 2018.
33. Griffiths K, Greenwald A, Saraiya N. A case of difficult fiberoptic intubation in a pediatric patient with occipito-cervical spine fusion. International Anesthesia Research Society 2018.
34. Gross CR, Downey P, Sobol J. Cardiac tamponade following orthotopic liver transplantation: two case reports. International Anesthesia Research Society 2018.
35. Guglielminotti J, Landau R, Li G. Comparative maternal risks associated with general anesthesia for cesarean delivery. Society of Obstetric Anesthesia and Perinatology 2018.
36. Guglielminotti J, Landau R, Li G. Patient- and hospital-level factors associated with the use of general anesthesia for cesarean delivery. Society of Obstetric Anesthesia and Perinatology 2018.
37. Guglielminotti J, Landau R, Li G. Time trends in the prevalence, severe morbidity, and utilization of resources in pulmonary hypertension. Society of Obstetric Anesthesia and Perinatology 2018.
38. Han SJ, Li HM, Kim M, Lee HT. Kidney proximal tubular toll-like receptor 9 (TLR9) exacerbates ischemic kidney injury in mice. Association of University Anesthesiologists 2018.
39. Hill LL, Talwar A, Andrews H, DiGuiseppi C, Betz M, Eby D, Molnar L, Li G, Kelley-Baker T. Driving under the influence of alcohol among older adults: a LongROAD report. Research Society on Alcoholism 2018.
40. Hoyler M, Rivera M, Rosenbauer C, Moitra V. The central line "mental model": a novel quality improvement initiative to reduce unnecessary central venous catheters in surgical and cardiothoracic ICUs. American Thoracic Society 2018.
41. Hua M, Ma X, Morrison RS, Li G, Wunsch H. Association between the availability of hospital-based palliative care and treatment intensity for critically ill patients. American Thoracic Society 2018.
42. Huang Y, Saksa D, Sun LS. Variability in resource utilization in the evaluation and management of children with simple febrile seizure. Society for Pediatric Anesthesia/American Academy of Pediatrics 2018.
43. Hyuga S, Fu W, Lukovic E, Vink J, Emala CW, Gallos G. 6-shogaol (bioactive metabolite of Zingiber Officinale) attenuates human uterine smooth muscle (USM) contractility. Association of University Anesthesiologists 2018.
44. Hyuga S, Fu W, Lukovic E, Vink J, Emala CW, Gallos G. 6-shogal (bioactive metabolite of Zingiber Officinale) attenuates human uterine smooth muscle (USM) contractility. Society of Obstetric Anesthesia and Perinatology 2018.
45. Hyuga S, Yim P, Fu W, Vink J, Emala CW, Gallos G. "Lighten-up to relax": photo-mediated human uterine smooth muscle relaxation as a novel tocolytic strategy. Society of Obstetric Anesthesia and Perinatology 2018.
46. Jackson WM, Davis N, Calderon J, Bellinger DC, Sun L. Children and adults with univentricular hearts score lower on full scale intelligence testing compared to children with biventricular congenital heart disease: a meta-analysis. International Anesthesia Research Society 2018.
47. Jackson WM, Davis N, Calderon J, Bellinger DC, Sun L. Children and adults with univentricular hearts score lower on full scale intelligence testing compared to children with biventricular congenital heart disease: a meta-analysis. Association of University Anesthesiologists 2018.
48. Jaconia GD, Smiley RM, Miller RS, Weiniger CF, Landau Cahana R. Outcomes of breech presentation with or without external cephalic version in a large academic United States medical center. American Society of Anesthesiologists 2017.
49. Jin R, Lee HT. Severe anaphylaxis refractory to epinephrine following chlorhexidine-impregnated central line insertion. American Society of Anesthesiologists 2017.
50. Kim M, Wall M, Kiran R, Li G. Risk stratification for 30-day mortality in patients with acute kidney injury after high-risk general surgery. Association of University Anesthesiologists 2018.
51. Kim M, Wall M, Li G. Identifying subtypes of patients developing perioperative acute kidney injury using latent class analysis. American Society of Anesthesiologists 2017.
52. Kwong A, Kim M, Wang S, Pagano P. Perception of educational environment and its associate with in-training examination scores in an anesthesiology residency program. Association of University Anesthesiologists 2018.
53. Landau Cahana R, Carvalho B, Siaulys MM, Raposo Corradini B, Granot M. Influence of surgical incision length on chronic post Cesarean pain. American Society of Anesthesiologists 2017.
54. Landau Cahana R, Smiley RM, Raposo Corradini B, Golstein DB, Heinzen EL. Gene discovery in idiopathic preterm delivery or uterine atony. American Society of Anesthesiologists 2017.
55. Landau R, Mathew S, Raposo Corradini B, Aubey JJ, Romanelli E. Total oral oxycodone intake after cesarean delivery according to clinical scenario. Society of Obstetric Anesthesia and Perinatology 2018.
56. Lee A, Gallos G, Pena J, Landau R. Early onset preeclampsia with placenta accreta in a multiparous woman post-renal transplant. Society of Obstetric Anesthesia and Perinatology 2018.

57. Lee A. A patient with HELLP syndrome. New York State Society of Anesthesiologists PostGraduate Assembly in Anesthesiology 2017.
58. Lee AJ, Goodman SR, Banks SE, Lin M, Landau Cahana R. Design and validation of an assessment tool that measures CA1's knowledge about general anesthesia for urgent cesarean delivery. American Society of Anesthesiologists 2017.
59. Lee HT, Han SJ, Li H, Kim M. Kidney proximal tubular toll-like receptor 9 (TLR9) exacerbates ischemic acute kidney injury in mice. Association of University Anesthesiologists 2018.
60. Lee JJ, Raposo Corradini B, Heinzen EL, Landau R. Unusual discrepancy in maternal and fetal response to ephedrine for treatment of maternal hypotension during neuraxial labor analgesia. Society of Obstetric Anesthesia and Perinatology 2018.
61. Leffert LR, Dubois HM, Houle TT, Landau Cahana R. A modified Delphi approach to quantify spinal epidural hematoma risk in pregnant women on thromboprophylaxis. American Society of Anesthesiologists 2017.
62. Levy R, Wang A, Long Y. Mitochondrial PKA activation in the developing murine brain during exposure to isoflurane with carbon monoxide. Society for Neuroscience 2017.
63. Levy RJ, Griffith KK, Wang A, Wang L, Tracey M, Quinzii C, Jonas EA. Evidence of a discrete and targetable mitochondrial defect in the developing fragile X syndrome brain. International Anesthesia Research Society 2018.
64. Levy RJ, Griffiths KK, Wang A, Wang L, Tracey M, Quinzii C, Jonas EA. Evidence of a discrete and targetable mitochondrial defect in the developing fragile X syndrome brain. Association of University Anesthesiologists 2018.
65. Li G, Chihuri S. Use of Prescription Opioids and Fatal Motor Vehicle Crashes: A Population-based Case-Control Study. Society for Epidemiologic Research 2018.
66. Li G, Eby DW, Santos R, Mielenz TJ, Strogatz D, Betz M, DiGuiseppi C, Molnar L, Ryan L, Jones V, Andrews H, DiMaggio C, LeBlanc D, Grabowski J. Longitudinal Research on Aging Drivers (LongROAD): study designs and methods. IAGG World Congress of Geriatrics and Gerontology 2017.
67. Li LT, Wolk RL, Herrera J, Nanda P, Davis NA, Sun LS. NPO guidelines noncompliance in pediatric patients: incidence and outcome. American Society of Anesthesiologists 2017.
68. Lin AY, Almeida-Chen G, Lee KM, Busse JA, Thumm B, Fan W, Herrera J, Sun LS. Reporting adverse events in children undergoing general anesthesia using an electronic database. Society for Pediatric Anesthesia/American Academy of Pediatrics 2018.
69. Lombardi-Karl L, Brown AR. Bone cement implantation syndrome during cemented shoulder arthroplasty. World Congress on Regional Anesthesia and Pain Medicine 2018.
70. Lombardi-Karl L, Mankowitz S. Management of scimitar syndrome in two pregnant patients. Association of University Anesthesiologists 2018.
71. Lombardi-Karl L, Mankowitz S. Management of scimitar syndrome in two pregnant patients. Society of Critical Care Anesthesiologists 2018.
72. Lombardi-Karl LM, Mankowitz S. Management of a pregnant patient with cri-du-chat syndrome and pseudohypoparathyroidism type 1b. Society of Obstetric Anesthesia and Perinatology 2018.
73. Long Y, Davis N, Kazim R. A child with epidermolysis bullosis and fecal impaction—regional anesthesia to the rescue! World Congress on Regional Anesthesia and Pain Medicine 2018.
74. Lukovic E, Zhu Y, Danielsson J, Zhao Y, Sang S, Emala CW. Human metabolites of 6-shogaol, a bioactive ginger component, relax airway smooth muscle: a potential novel class of bronchodilators. American Thoracic Society 2018.
75. Mamdani F, Mangat G, Lee M. Hemodynamic compromise during rod placement for posterior spinal fusion in a patient with pectus excavatum. Society for Pediatric Anesthesia/American Academy of Pediatrics 2018.
76. Matoba A, Matsuyama N, Masaki E, Emala CW, Mizuta K. The omega-3 free fatty acid receptor FFAR4/GPR120 contributes human airway smooth muscle cell proliferation through PI3K/Akt and MEK/ERK pathways. American Society of Anesthesiologists 2017.
77. Matsuyama N, Matoba A, Masaki E, Emala CW, Mizuta K. The dopamine D1 receptor promotes MUC5AC mRNA expression through CREB in NCI-H292 human airway epithelial cells. American Society of Anesthesiologists 2017.
78. McCullough D, Cain CF. Intrathecal anesthesia for emergency cesarean delivery in parturient with extreme short stature due to Noonan syndrome. Society of Obstetric Anesthesia and Perinatology 2018.
79. McCullough D, Reitman E, Landau R, Ring L. Two cases of thrombosis after prophylactic tranexamic acid administration during cesarean-hysterectomy for placenta accreta. Society of Obstetric Anesthesia and Perinatology 2018.
80. Meng M. ECMO use in pregnancy: a case report. International Congress on Cardiac Problems in Pregnancy 2018.
81. Meng M. Pulmonary hypertension in pregnancy: a research report. International Congress in Pregnancy 2018.
82. Meng M-L, Wang E, Cain C, Landau R. How low did we go? A case report of unexpected thrombocytopenia. Society of Obstetric Anesthesia and Perinatology 2018.

83. Mikami M, Perez-Zoghbi J, Zhang Y, Emala C. Attenuation of murine airway contraction ex vivo and in vivo by a gelsolin peptide containing the phosphatidylinositol 4,5-Bisphosphate binding domain. American Thoracic Society 2018.
84. Mikami M, Perez-Zoghbi JF, Zhang Y, Emala CW. Attenuation of murine and human airway contraction by a Gelsolin peptide containing the PIP<sub>2</sub> binding domain. Association of University Anesthesiologists 2018.
85. Miltiades A, Raposo-Corradini B, Dankahl VL, Landau R. Longitudinal evaluation of endothelia function and arterial stiffness with EndoPAT: a pilot study comparing women with early versus late onset preeclampsia. Society of Obstetric Anesthesia and Perinatology 2018.
86. Mittel A, Atkinson D, Miltiades A, Hua M. VA ECMO for acute mitral regurgitation leading to aortic root thrombus and subsequent management. International Anesthesia Research Society 2018.
87. Moss A, Heyer EJ, Miltiades AN. Safety of anesthesia for percutaneous endoscopic gastrostomy in patients with amyotrophic lateral sclerosis. International Anesthesia Research Society 2018.
88. Mourad M, Chen L, Landau R, Wright JD, D'Alton ME, Friedman AM. Hospital variation in administration of oral opioid medication during vaginal delivery hospitalizations. Society of Obstetric Anesthesia and Perinatology 2018.
89. Mulaikail TA, Szabo C, Mittel A. Left ventricular assist device (LVAD) placement prior to endovascular aneurysm repair (EVAR) in a patient with Marfan's syndrome. Society of Cardiovascular Anesthesiologists 2018.
90. Orbach-Zinger S, Eidelman LA, Ovad R, Ben-Haroush A, Hoshen M, Landau R. The effect of labor epidural analgesia on breastfeeding outcomes: a prospective observational cohort study in a mixed parity cohort. Society of Obstetric Anesthesia and Perinatology 2018.
91. Panzer O, Mittel A. Rotational thromboelastometry to detect hyperfibrinolysis with tissue plasminogen activator for catheter thrombosis in critically ill patient. European Society of Intensive Care Medicine 2017.
92. Pavelic M, Jackson W, Clapchich A, Schechter W. Resection of recurrent mediastinal mass in an infant via reoperative median sternotomy. American Society of Anesthesiologists 2017.
93. Pena JJ, Meng M-L. Right heart failure, pulmonary hypertensive crisis, hypovolemia or ischemia? Diagnostic challenges after pulmonary thromboendarterectomy. Thoracic Anesthesia Symposium 2018.
94. Pena JJ, Smiley RM. Mediating the mediators: managing mast cell activation syndrome during cesarean delivery. Society of Obstetric Anesthesia and Perinatology 2018.
95. Perez-Zoghbi J, Zhu W, Grafe M, Brambrink A. Dexmedetomidine provides neuroprotection against sevoflurane-induced apoptosis in the brain of neonatal rats. Society for Neuroscience in Anesthesiology and Critical Care 2017.
96. Perez-Zoghbi JF, Zhu W, Grafe M, Brambrink A. Preoperative thromboelastographic alterations in patients with central nervous system neoplasms. International Anesthesia Research Society 2018.
97. Pospishil L, Mulaikal T. A novel approach to caval valve implantation in patients with large IVC diameter. Society of Cardiovascular Anesthesiologists Echo Week 2018.
98. Prin M, Eaton J, Mtalimanja O, Charles A. Day of surgery cancellation at a tertiary hospital in Malawi. American College of Surgeons Clinical Congress 2017.
99. Reitman E, Ring L, Lee A, Perez-Delboy A, Wright JD, Landau R. Planned management of cesarean delivery with morbidly adherent placenta: trends from 2010-2017 in a tertiary center. Society of Obstetric Anesthesia and Perinatology 2018.
100. Roller BA, Wagener G. Long-term cardiac surgery mortality in octogenarians and nonagenarians. American Society of Anesthesiologists 2017.
101. Romanelli E, Mathew S, Raposo-Corradini B, Guglielminotti J, Landau R. In-hospital oral opioid use after cesarean delivery with neuraxial anesthesia. Society of Obstetric Anesthesia and Perinatology 2018.
102. Romanelli E, Mathew S, Raposo-Corradini B, Guglielminotti J, Landau R. Factors associated with early oxycodone use after cesarean delivery with neuraxial anesthesia. Society of Obstetric Anesthesia and Perinatology 2018.
103. Romanelli EB, Landau R. Listen to the patient: a successful external cephalic version (ECV) under neuraxial anesthesia and subsequent vaginal birth after cesarean delivery (VBAC) in a grand-multiparous patient. Society of Obstetric Anesthesia and Perinatology 2018.
104. Russell C, Barshied C. The value of conversation: incorporating medical sociologist interviews for assessing wellbeing interventions in ICU fellow training. American Thoracic Society 2018.
105. Russell C. Moving from burnout to engagement. Society of Critical Care Medicine 2018.
106. Salling MC, Grasetti A, Wili J, Foltin RW, Martinez D. The MGLU5 receptor antagonist MTEP decreases alcohol self-administration in chronically drinking non-human primates. Research Society on Alcoholism 2018.
107. Saltzman A, Fu P, Egan B. Anesthetic management of a pacemaker with a rate drop response setting. American Society of Anesthesiologists 2017.
108. Shah S, Lee HT. Ultra low cost and minimally stimulating method of relieving airway obstruction during MAC. International Anesthesia Research Society 2018.
109. Shah S, Lee HT. Ultra low cost and minimally stimulating method of relieving airway obstruction during MAC. Association of University Anesthesiologists 2018.

110. Shah S, Maniker R. Report of acute delirium in a healthy patient with rectus sheath catheters. Association of University Anesthesiologists 2018.
111. Shah S, Ring L. Anesthetic management of quaternary C/S in a patient with diffuse, destructive metastatic lesions. Society of Obstetric Anesthesia and Perinatology 2018.
112. Shah S, Ring L. Anesthetic management of quaternary C/S in a patient with diffuse, destructive malignant metastatic lesions. Association of University Anesthesiologists 2018.
113. Shah S, Schaff J. Acute bleeding from an aortic pseudoaneurysm due to sneezing after CABG surgery. Association of University Anesthesiologists 2018.
114. Siddiqui Z, Russell C. Management of concurrent DIC and HIT in a BiVAD patient. American Thoracic Society 2018.
115. Siddiqui Z, Steffner K, Schaff J, Shah S. Management of heparin-induced thrombocytopenia in a patient undergoing orthotopic heart transplantation utilizing cardiopulmonary bypass. Society of Cardiovascular Anesthesiologists 2018.
116. Sun LS, Ma X, Li G, Ing C. Anaphylaxis in pediatric surgical inpatients in the United States, 2003-2012. American Society of Anesthesiologists 2017.
117. Szabo C, Mittel A, Mulaikal T. Left ventricular assist device (LVAD) placement prior to endovascular aneurysm repair (EVAR) in a patient with Marfan's syndrome. Society of Cardiovascular Anesthesiologists 2018.
118. Unacukwu U, Shiomi T, Sonett J, Woode D, Anguiano V, Goldklang M, Damoci C, Chada K, D'Armiento J. Tuberous sclerosis and lymphangiomatosis are neurocrisopathies. American Thoracic Society 2018.
119. Vilnits Y, Hussey P, Takeda K, Wu IY. Methylene blue use during LVAD and heart transplant surgery in a tertiary care center. Society of Cardiovascular Anesthesiologists 2018.
120. Vilnits Y, Miller S. Right-heart compression from cephalad displacement of the diaphragm: a surprising cause of instability after induction of general anesthesia. Society of Cardiovascular Anesthesiologists 2018.
121. Wagener G, Gordo K. Predicting postoperative liver dysfunction using indocyanine green clearance after cardiac surgery. International Anesthesia Research Society 2018.
122. Wang D, Ing C, Blidnerman C, Hua M. Latent class analysis of specialized palliative care utilization in adult intensive care units from a single academic medical center. American Thoracic Society 2018.
123. Wen T, Wright JD, Landau R, D'Alton ME, Friedman AM. Risk of postpartum readmissions among women with opioid abuse and dependence. Society of Obstetric Anesthesia and Perinatology 2018.
124. Whittington RA, Virag L, Cheheltana M. Hippocampal tau phosphorylation is increased in a murine model of surgery-induced neuroinflammation. American Society of Anesthesiologists 2017.
125. Woodworth GE, Ivie R, Lunden N, Maniker RB, Kron M, Diachun C, Yegian C, Mannino N, Wilson E. Anesthesia Toolbox: utilization of an innovative social media education platform for anesthesia trainees, educators, and lifelong learners. American Society of Anesthesiologists 2018.
126. Xiao R, Stearns K, Zelonina T, Goldklang M, D'Armiento J. Inhalation of MMP inhibitor attenuates lipopolysaccharide (LPS)-induced neutrophilic inflammation in the lung. American Thoracic Society 2018.
127. Yim P, Perez-Zoghbi JF, Wu A, Emala CW. Light mediated relaxation of small airways in precision cut lung slice. Association of University Anesthesiologists 2018.
128. Yocom GT, Mikami M, Perez-Zoghbi JF, Emala CW. Ginger and its bioactive component relax human airway smooth muscle in precision cut lung slices and inhibit lung inflammation in a murine asthma model. Association of University Anesthesiologists 2018.
129. Zheng X, Landau-Cahana R, Smiley R, Meng M-L. Hemodynamic monitoring for intrapartum cesarean delivery. Society of Obstetric Anesthesia and Perinatology 2018.

### Department of Anesthesiology Books and Book Chapters

**July 1<sup>st</sup>, 2017 to June 30<sup>th</sup>, 2018**

1. Aziz MF, Brambrink AM. Video-Assisted Laryngoscopy. In: Hagberg CA, ed. Hagberg and Benumof's Airway Management. 4<sup>th</sup> Edition. Philadelphia: Elsevier; 2017. pp. 417-427.
2. Chen M, Trinh M. Cardiogenic Shock. In: McEvoy MD, Furse CM, eds. Advanced Perioperative Crisis Management. New York: Oxford University Press; 2017. pp. 75-83.
3. De Camilli AR, Johnston T. Deceased Brain Donor. In: Switzer BJ, ed. Preoperative Assessment and Management. 3<sup>rd</sup> Edition. Philadelphia: Wolters Kluwer; 2018. pp. 487-490.
4. Dzierba AL, Moitra VK, Sladen RN. Sedation. In: Lee K, ed. The NeuroICU Book. 2nd Edition. New York: McGraw-Hill; 2017. pp. 361-377.
5. Ellis JA, Joshi S. Arteriovenous Malformation: Normal Perfusion Pressure Breakthrough. In: Fleisher LA, Rosenbaum SH, eds. Complications in Anesthesia. 3<sup>rd</sup> Edition. Philadelphia: Elsevier; 2018. pp. 148-151.
6. Fiza B, Moitra V. Introduction to Shock. In: McEvoy MD, Furse CM, eds. Advanced Perioperative Crisis Management. New York: Oxford University Press; 2017. pp. 67-74.
7. Groves H, del Rio Martin JV. Surgical Techniques in Liver Transplantation. In: Wagener G, ed. Liver Anesthesiology and Critical Care Medicine. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 121-133.

8. Hastie J, Moitra VK. Routine Postoperative Care After Liver Transplantation. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 415-430.
9. Houck PJ. Pediatric Liver Transplantation. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 221-232.
10. Lee A, Wagener G. Distributive Shock. In: McEvoy MD, Furse CM, eds. *Advanced Perioperative Crisis Management*. New York: Oxford University Press; 2017. pp. 84-101.
11. Miller S, Moitra VK. Thoracic Trauma and Cardiothoracic Intensive Care Unit Management. In: Lee K, ed. *The NeuroICU Book*. end Edition. New York: McGraw-Hill; 2017. pp. 547-559.
12. Mittel AM, Wagener G. Anesthesia for Kidney and Pancreas Transplantation. In: Mahajan A, Wray C, eds. *Transplantation*. Philadelphia: Elsevier; 2017. pp. 439-452.
13. Mulaikal TA, Emond JC. Physiology and Anatomy of the Liver. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 3-19.
14. Mulaikal TA, Lahsaei P. Emergency Surgery. In: Sweitzer BJ, ed. *Preoperative Assessment and Management*. 3<sup>rd</sup> Edition. Philadelphia: Wolters Kluwer; 2018. pp. 491-494.
15. Nguyen L, Roth DM, Shanewise JS, Kaplan JA. Discontinuing Cardiopulmonary Bypass. In: Kaplan JA, Cronin B, Maus T, eds. *Kaplan's Essentials of Cardiac Anesthesia*. 2<sup>nd</sup> Edition. Philadelphia: Elsevier; 2018. pp. 715-740.
16. Palmieri K, Sladen RN. The Patient with Liver Disease Undergoing Non-hepatic Surgery. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 389-411.
17. Panzer O, Kratzert WB. Critical Care Ultrasound. In: Lee K, ed. *The NeuroICU Book*. Second Edition. New York: McGraw-Hill; 2017. pp. 622-644.
18. Panzer OPF. Complications of Liver Surgery. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 377-387.
19. Potesio C, Russell C. Adult Respiratory Distress Syndrome. In: Sweitzer BJ, ed. *Preoperative Assessment and Management*. 3<sup>rd</sup> Edition. Philadelphia: Wolters Kluwer; 2018. pp. 181-185.
20. Shaefi S, Mittel A. Disruption of Diffusion: Inflammation. In: McEvoy MD, Furse CM, eds. *Advanced Perioperative Crisis Management*. New York: Oxford University Press; 2017. pp. 156-163.
21. Shanewise JS. Transesophageal Echocardiography. In: Fleisher LA, Rosenbaum SH, eds. *Complications in Anesthesia*. 3<sup>rd</sup> Edition. Philadelphia: Elsevier; 2018. pp. 484-485.
22. Sobol J, Louro J. Obstructive Shock. In: McEvoy MD, Furse CM, eds. *Advanced Perioperative Crisis Management*. New York: Oxford University Press; 2017. pp. 112-120.
23. Wagener G. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018.
24. Wang D, Moitra VK. Critical Illness. In: Sweitzer BJ, ed. *Preoperative Assessment and Management*. 3<sup>rd</sup> Edition. Philadelphia: Wolters Kluwer; 2018. pp. 469-477.
25. Weyker P, Webb C, Mathew L. Pain Management in Liver Transplantation. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 507-523.
26. Weyker PD, Brentjens TE. Anesthetic Aspects of Living Donor Hepatectomy. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 367-375.
27. Weyker PD, Webb CA-J, Brentjens TE. Hypovolemic Shock. In: McEvoy MD, Furse CM, eds. *Advanced Perioperative Crisis Management*. New York: Oxford University Press; 2017. pp. 102-111.
28. Whittington RA, Eckengoff RG. Alzheimer's Disease. In: Fleisher LA, Rosenbaum SH, eds. *Complications in Anesthesia*. 3<sup>rd</sup> Edition. Philadelphia: Elsevier; 2018. pp. 6-7.
29. Woods B. Abdominal Trauma. In: Lee K, ed. *The NeuroICU Book*. end Edition. New York: McGraw-Hill; 2017. pp. 560-574.
30. Woodworth G, Ivie R, Maniker R. Teaching and Learning Regional Anesthesia. In: Bowe EA, Schell RM, eds. *Education in Anesthesia: How to Deliver the Best Learning Experience*. Cambridge: Cambridge University Press; 2018. pp. 113-120.
31. Yoh NT, Wagener G. The Splanchnic and Systemic Circulation in Liver Disease. In: Wagener G, ed. *Liver Anesthesiology and Critical Care Medicine*. 2<sup>nd</sup> Edition. New York: Springer; 2018. pp. 63-68.