Scholarly Activity: July 1, 2015 to June 30, 2016

Published Manuscripts:


15. Diep J, Kam D, Kuenzler K. Emergent airway management of an uncooperative child with a large retroperitoneal and posterior mediastinal abscess. Anes and Analg: Case reports. 6(3):61-64


18. Pinto BP, Atlas GM, Grts BF, Bendyelid K. The use of the oesophageal Doppler in perioperative medicine new directions in research and clinical practice. BJA

19. Le V; Kurnutala L; SchianodiCola J; Ahmed K; Yarmush J; Eloy JD; Shapiro M; Haile M; Bekker A. Premedication with Intravenous Ibuprofen Improves Recovery Characteristics and Stress Response in Adults Undergoing Laparoscopic Cholecystectomy: A Randomized Controlled Trial. Pain Medicine 2016;doi: 10.1093/pm/pnv113

20. Atlas G; Mosaad M; Chaudhry F; Gubenko Y. Obtaining external jugular venous access in the prone positioned patient. Journal of Anesthesiology and Clinical Pharmacology


28. Rao Fu, Xing Chen, Wanhong Zuo, Jing Li, Seungwoo Kang, Li-Hua Zhou, Allan Siegel, Alex Bekker, Jiang-Hong Ye*Ablation of µ opioid receptor-expressing GABA neurons in rostromedial tegmental nucleus increases ethanol consumption and regulates ethanol-related behaviors. Neuropharmacology. doi:10.1016/j.neuropharm. 2016.02.027


31. Grech D; Zhifeng L; Morcelli P; Kalyoussef E; Kim D; Bekker A; Ulloa L. Intraoperative low frequency electro-acupuncture under general anesthesia improves post-operative recovery in a randomized trial. J. Acupuncture and Meridian Studies.


33. Gonzalez-Fiol A; Horvath R; Schoenberg C; Ahmed N; Dhar SK; Le V. Comparison of changes in tensile strength in three different flexible catheters under various conditions. A&A 123 (1) 233-37. July 2016. doi:10.1213ANE.0000000000001305

34. Ulloa L, Grech D, Bekker A - Translating neuromodulation into molecular medicine. Shock 2016


Abstracts
Society for Neuroscience
Chicago, IL

Brianna Marie Lutz, Yuan-Xiang, Tao. Endothelin-type A receptors are necessary for pain hypersensitivity in a mouse model of Sickle Cell Disease. The 45th Annual Meeting Society for Neuroscience, Oct 17-21, 2015, Chicago, IL, USA.
Shaogen Wu, Brianna Marie Lutz, Lingli Liang, Kai Mo, Yun-Juan Chang, Peicheng Du, Alex Bekker, Yuan-Xiang Tao. Dorsal root ganglion transcriptome analysis following peripheral nerve injury in mice. The 45th Annual Meeting Society for Neuroscience, Oct 17-21, 2015, Chicago, IL, USA.

Jing Cao Po-Kai Wang, Vinod Tiwari, Lingli Liang, Brianna Marie Lutz, Kun-Ruey Shieh, Wei-Dong Zang, Alex Bekker, Xiao-Qun Gao, Yuan-Xiang Tao. Short-term perioperative stress does not alter basal pain perception, but does exacerbate postsurgical pain. The 45th Annual Meeting Society for Neuroscience, Oct 17-21, 2015, Chicago, IL, USA.

Po-Kai Wang, Jing Cao, Lingli Liang, Jun Zhang, Brianna Marie Lutz, Andrew Kaufman, Alex Bekker, Yuan-Xiang Tao. Short-term sleep disturbance-induced stress does not affect basal pain perception, but does delay postsurgical pain recovery. The 45th Annual Meeting Society for Neuroscience, Oct 17-21, 2015, Chicago, IL, USA.

S. KANG, J.-H. YE; Increased excitability of lateral habenula neurons via down regulation of m-type potassium channel in rats withdrawn from repeated ethanol exposure. Neuroscience meeting 2015, Chicago.


Rao Fu, Wanhong, Zuo, Danielle Gregor, Seungwoo Kang, Jing Li, Jiang-Hong, Ye. Pharmacological Manipulation of Rostromedial Tegmental Nucleus Changes Voluntary and Operant Ethanol Self-administration in Rats.

Wanhong Zuo, Rao Fu, Danielle Gregor, Jiang-Hong, Ye. Action of acute and chronic ethanol on GABA signaling in lateral habenular neurons

**Research Society of Alcoholism**
**San Antonio, Texas**


**Abstracts**

**American Society of Anesthesiologists**


Xue-Rong Miao, Andrew Kaufman, Alex Bekker, Yuan-Xiang Tao. DNMT3a contributes to development and maintenance of bone cancer-induced pain through silencing Kv1.2 expression in spinal cord. The 2015 ASA Annual Meeting, Oct. 24–28, 2015, San Diego, CA, USA.

Rao Fu, Wanhong, Zuo, Danielle Gregor, Seungwoo Kang, Jing Li, Jiang-Hong, Ye. Pharmacological Manipulation of Rostromedial Tegmental Nucleus Changes Voluntary and Operant Ethanol Self-administration in Rats.

Wanhong Zuo, Rao Fu, Danielle Gregor, Jiang-Hong, Ye. Action of acute and chronic ethanol on GABA signaling in lateral habenular neurons

Shanker R, Gajewski M. Pectoral Nerve Blockade for Anesthetic Management of a Morbidly Obese Patient Undergoing Mastectomy

Iannaccone F, Sifonios A. Continuous Infraclavicular Nerve block Catheter & Ketamine Infusion for CRPS of LUE

Shanker R, Gonzalez-Fiol A. The Anesthesiologist Approach to Headache in the Obstetrical Patient After Epidural/Spinal Analgesia-an Updated Algorithm

Malhorta A, Chinn LW. Electroconvulsive Therapy and the Development of Takotsubo Cardiomyopathy in a Young Healthy Female

Korban A, Pandya-Shah S. Anesthetic & airway management of a child with Goldenhar Syndrome for Emergent Tarsorrhaphy

Chen D, Chaudhry F. Dexmedetomidine Sedation for Corneal Transplant in Patient with End Stage Cardiac Disease and Liver Failure
Scholl R, Grech D, Schoenberg C. Intraoperative Electroacupuncture’s Modulation of Inflammation & Surgical Stress Response During Thyroid Surgeries

Shanker R, Gajewski M. Utility of TEE in the PACU: Diagnosing a Post-Operative Pulmonary Embolism

Baffo A, Tao B, Lang L. Expression of mu opioid receptor and Kv1.2 controlled by MBD1 in the dorsal root ganglion *(oral presentation)*

Malhorta A, Pandya Shah S. An infant without a diagnosis: Dandy Walker, Hepatic Calcification & Seizure

Asokan D, Sifonios A. Unintentional Catheterization of the intrathecal space: A case of difficult detection and injection of a high volume, low concentration local anesthetic bolus

Scholl R, Pandya Shah S. Anesthetic Concerns of a Child with Denys-Dash Syndrome Status Post Renal Transplant

Miao X, Tao Y. DNMT3a contributes to development and maintenance of bone cancer induced pain through silencing Kv1.2 expression in spinal cord

Choi P, Gubenko Y. Anesthetic Management for On Pump Aortic Valve Replacement Complicated by Subsequent Right Heart Failure

Chen D, Botea A. Emergent Intubation in Patient with Tracheal Stent and End Stage Liver Disease

Shankar R, Xiong M. Dexmetomidine Mitigates Neuroapoptosis Induced by Prenatal IV Anesthetic Exposure in Rats *(oral presentation)*

Whitwell T, Malhorta A, Grech D: Intraoperative inline Breathing Treatment for an Anesthesised Pediatric Patient

Richards K, Pandya-Shah S. Anesthetic Management in Surgical Revascularization of Pediatric Moyamoya Disease

Asokan D, Sifonios A. A case of sternocleidomastoid pain appearing as trigeminal neuralgia resolved with a trigger point injection

Asokan D, Sifonios A. A difficult case of medial nerve radiofrequency ablation due to spinal cord stimulator placement

Amin M, Quraishi F, Aziz R. Anesthetic Considerations in a 15 month old Child with Patau Syndrome
Iannaccone F, Tao Y. Short-term sleep disturbance-induced stress does not affect basal pain perception, but does delay postsurgical pain recovery


American Society of Regional Anesthesia  
Miami, FLA

Abstracts

Diep J, Perales A, Sifonios A. Botulinum Toxin Type A injection for management of intractable trigeminal neuralgia: A case series

Iannaccone F, Malave K, Kaufman A. A retrospective review of genicular nerve radiofrequency ablation in chronic knee osteoarthritis.


New York State Society of Anesthesiologists  
Post Graduate Assembly  
New York, New York

Abstracts

Korban A, Shulman S. Forearm Loss Caused by Automated Non-Invasive Blood Pressure Cuff Malfunction: A Hearsay Report


Global Health Fair  
Abstracts (Rutgers University, New Brunswick, NJ)  
December, 2015

Scholl R, Gajewski M. Facing Drug Shortages: Multimodal Anesthesia Surgical Mission in Mampong, Ghana

American Society of Regional Anesthesia  
New Orleans, Louisiana

Abstracts
Shankar R, Sifonios A., Supraorbital Nerve Block with Liposomal Bupivacaine for Severe, Refractory, Post Herpetic Neuralgia

Kaushal A, Shankar R, Eloy JD, Sifonios A. Safe Neuraxial Anesthesia In A Patient With Neurofibromatosis Type I

Diep J, Dandu K, Gonzalez-Fiol A. Successful Neuraxial Anesthesia for Cesarean Delivery in Patient with Severe Oral and Neck Arteriovenous Malformation

New Jersey State Society of Anesthesiologists
New Brunswick, New Jersey
Abstracts

Amin M, Quraishi F, Aziz R. Anesthetic Considerations in a 15 month old with Patau’s Syndrome.

Amin M, Richards K, Pandya-Shah S. Anesthetic management in the surgical revascularization in pediatric moyamoya disease

Diep J, Kam D, Atlas G. Otocephaly: case report, literature review and ethical considerations

Shulman SM, Gomulski M, Shah R, Estrada C, Xia T Boules HM. Quintile vs. Decile analysis of BIS measurements during TIVA; How much information do we need?

International Anesthesia Research Society
San Francisco, CA.

Amin M; Pandya-Shah S. Challenging intubation secondary to subglottic stenosis in a child with hemophilia A.

Diep J, Dandu K, Gonzalez-Fiol A. Successful Neuraxial Anesthesia for Cesarean Delivery in Patient with Severe Oral and Neck Arteriovenous Malformations

Society of Education in Anesthesiology
Baltimore, MD

Amir Abdel-Kader1 BS, Lawrence Chinn MD2, and Glen Atlas2 MD MSc, Assessing Calculation Proficiency of Anesthesiology Residents and Medical Students

Society of Obsterical Anesthesia and Perinatology
Boston, MA


European Society of Anesthesiologists
London, England

**Oral Presentations**


**Book Chapters**

   Chapters: *Indication and Patient Selection*
   - Andrew G. Kaufman and Rita Shankar Shah
     *Failed Back Surgery Syndrome and Spinal Cord Stimulation*
   - Ferdinad Iannaccone and Vanny Le
     *Complex Regional Pain and Spinal Cord Stimulation*
   - Anant Parikh, Deepa Asokan and Anthony Sifonios

   Chapters: *Pros and Cons of Complementary and Alternative medicine for the treatment of post operative pain following Same Day Surgery*
   - Grech D, Kam D, Patel P, Patel A, Bekker A
   *Pros and Cons of Free Standing Ambulatory Surgery Center (ASC) vs. Hospital Based Operating Room*
   - Grech D, Patel P, Patel A, Bekker A

**Monetary Awards**

1. Dr. Grech has been awarded the 2016 Heu-Jun Award ($20,000) From the Acupuncture and Meridian Society
2. Dr. Gonzalez-Fiol has been awarded a grant of $ 21,800 for a educational study regarding the ISO-6
3. Dr. Gajewski has been awarded $80,000 from Mallinckrodt for a clinical trial regarding IV acetaminophen and readiness for discharge.