

CURRICULUM VITAE

YUN XIA, M.D., Ph.D.

I. PERSONAL

Present Address: Department of Anesthesiology
The Ohio State University Wexner Medical Center
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410 West Tenth Avenue
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II. EDUCATION

Ph.D. (September, 1993)
Department of Physiology, College of Medicine, The Ohio State University. Columbus, Ohio.
Dissertation Title: Effects of Neurotransmitters and Hormones on Cyclic AMP Formation in
Myenteric Ganglia of the Enteric Nervous System in the Small Intestine of the Guinea-Pig

M.S. (August, 1991)
Department of Physiology, College of Medicine, The Ohio State University. Columbus, Ohio.

M.D. (August, 1983).
Zhongshan Medical College, Sun Yat-sen University, Guangzhou, China.

III. PROFESSIONAL EXPERIENCE

May 2015---Present:

Professor, Anesthesiology. Professor, Physiology and Cell Biology. Department of Anesthesiology, The Ohio State University Wexner Medical Center. Columbus, Ohio.

Oct. 2005---May 2015:

Associate Professor of Anesthesiology. Associate Professor in Physiology and Cell Biology. Department of Anesthesiology, The Ohio State University Wexner Medical Center. Columbus, Ohio.

Aug. 2000---Oct. 2005:

Assistant Professor of Anesthesiology, Assistant Professor in Physiology and Cell Biology. Department of Anesthesiology, The Ohio State University Wexner Medical Center. Columbus, Ohio.

January 2004---March 2004:

Mini-fellowship in Regional Anesthesia. Department of Anesthesiology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania.

July 1997---July 2000:

Resident (PGY-2 to PGY-4) in Anesthesiology. Department of Anesthesiology, The Ohio State University Wexner Medical Center. Columbus, Ohio.

July 1996---June 1997:

Resident (PGY-1) in Medicine. Department of Medicine, Mount Carmel Medical Center. Columbus, Ohio.

Sep. 1993---June 1996:

Postdoctoral Fellow. Department of Physiology, College of Medicine, The Ohio State University.

Sep. 1988---Sep. 1993:

Graduate Associate. Department of Physiology, College of Medicine, The Ohio State University.

Oct. 1986---Aug. 1988:

Research Associate. Division of Gastroenterology, Departments of Medicine and Surgery, School of Medicine, University of California at San Diego.

Aug. 1983---June 1986:

Surgical Resident. Departments of Surgery and Emergency, Peking Union Hospital, Beijing, China.

IV. TEACHING EXPERIENCE

A. Department of Physiology, College of Medicine, The Ohio State University

1. Giving lectures to Physiology 311 and 312 classes:
 - (1) The autonomic nervous system
 - (2) The acid--base balance
2. Tutoring students of Physiology 601 and 602 classes on all aspects of physiology.

B. Department of Anesthesiology, College of Medicine, The Ohio State University

1. **Grand Rounds and OB Anesthesia Conference:**
 - Research design and research ethics (2006)
 - Anesthetic consideration of obstetrical patients with thrombocytopenia (2007)
 - What is new in 2007 Practice Guidelines for OB Anesthesia (2008)
 - Epidural catheter migration (2009)
 - Anesthesia and GI function (2009)
 - Update of preeclampsia (2010)
 - Update of preeclampsia (2012)
 - Anesthetic managements of HELLP Syndrome (2012)
 - Social media policy presentation (January 3, 2013)
 - Failed epidural top-up for cesarean delivery (February 28, 2013)
 - Sickle cell disease management in pregnancy (March 14, 2013)
 - Oxytocin in obstetric anesthesia (October 24, 2013)
 - Super morbid obesity in pregnancy (January 23, 2014)
 - Anesthetic consideration of Marfan's Syndrome (November 19, 2015)
 - Effects of prophylactic ondansetron on spinal anesthesia (January 21, 2016)
 - No Pain Labor and Delivery (August 18, 2016)
 - Neonatal Abstinence Syndrome (March 30, 2017)
 - Parturient with Delta granule platelet storage pool disorder (August 10, 2017)
 - Cesarean section and neonatal outcomes (February 22, 2018)
2. **Annual Lecture Series for anesthesiology residents and medical students:**
 - Anesthesia for patients with rare and co-existing disease
 - The renal system and anesthesia for urological surgery
 - Anesthesia for Obstetrics
 - Introduction to Obstetrics anesthesia
 - Introduction to Thoracic Anesthesia
3. **Monthly Lecture Series for medical students (Med3 and Med4):**

OB Anesthesia
Neuroaxial Block

4. Introductory Didactic Lecture Series for New Residents:

Epidural and spinal anesthesia
Centroneuraxis Blocks

5. CA-1 Lecture Series:

Endocrine and nutritional diseases
Procedures performed outside the operating room
Maternal & Fetal Physiology and Anesthesia
OB anesthesia

6. CA-2 Lecture Series:

Management of anesthesia for the pregnant surgical patients
Pregnancy induced hypertension and HELLP Syndrome
Endocrine emergencies
Anesthesia for obstetrics
Obstetric epidurals and chronic adhesive arachnoiditis
Peripartum Care of Cocaine Abusers

7. CA-2 and CA-3 Lecture Series:

Difficult airway management
Obstetric emergencies and anesthetic management
Complementary and Alternative Therapies
Neuromuscular blockade

8. CA-3 Lecture Series:

Rare and co-existing diseases in anesthesia
Keywords #3
Emergency cesarean section
Risk management in anesthesia practice
Medical legal issues
Peripartum care of the cocaine abusing patient

9. OB Anesthesia Case Discussions:

Daily educational discussion and weekly lectures for all the residents during their OB anesthesia rotation

10. Monthly Lecture Series for obstetric anesthesia residents

Update of preeclampsia
Perinatal hemorrhage

11. Lecture Series for Anesthesia Technicians Training:

Regional anesthesia

12. Introduction to Research (monthly)

During the one-hour lecture and tour, residents can have some idea about the Subspecialty Clinical Tract during their residency training and the Clinician Scientist Pathway after the residency training, learn possible funding opportunity in an academic medical center. If time allows, the residents will gain knowledge in Neurogastroenterology (NG) and the Enteric Nervous System (ENS), learn the significance of NG and ENS in anesthesia practice, take a brief basic science laboratory tour, gain knowledge in basic science research organization and techniques, and gain knowledge in research design and how a research project is carried out in both basic science and clinical practice.

13. Mock Oral Examiner for anesthesia residents

C. The Ohio State University Medical Center

1. Department of Obstetrics and Gynecology, RN Competency for Women and Infants:

Medical Pain Management for the Obstetrical Patients
Anesthesia for Labor and Delivery

2. The Region IV Perinatal Center

Obstetric anesthesia update

3. Chinese Student and Scholar Society

Introduction to labor and delivery
Labor analgesia

4. OSU Medical Center Summer Education Program (1998)

D. Department of Internal Medicine, Mount Carmel Medical Center (1997)

V. OTHER ACADEMIC ACTIVITIES

A. Graduate School Representative to Ph.D. candidacy exam:

Kathleen Marie Koechlin, Public Health-410, SP/02
Jiyun Chen, College of Pharmacy, Au/03
Eunju Hurh, College of Pharmacy, Su/04
Xiaogang Pan, College of Pharmacy, Au/05

B. Advisor for SRNAs and Students:

Cardiac anomaly (coronary artery) in parturients (Chris Rosile)
Pre-eclampsia and coarctation of aorta (Dan Rittenhouse)
Hereditary hemorrhagic telangiectasia (Stephanie List)
Effects of neostigmine on intrathecal morphine induced constipation (Sue Kirchner, Rebecca Petzinger, & George Friedhoff)
Pulmonary hypertension during pregnancy (Gina Mitchell)
Effects of Zofran on intrathecal morphine induced pruritus (Jennifer Lewis)
The complexity of anesthesia for pregnant patients with spinal muscular atrophy (Angela Walters)

C. Host/Advisor for Visiting Scholars in Anesthesiology:

Zhiyi Zuo (University of Virginia) 2004
Qingping Wu (Tongji Medical College) 2006
Qingquan Lian (Wenzhou Medical University) 2006
Hong Chao (Wenzhou Medical University) 2006
Tiehu Ye (Peking Union Medical College) 1997
Zongze Zhang (Wuhan University), Oct 12-28, 2006
Wangning Shanguan (Wenzhou Medical University) 2010
Jun Li (Wenzhou Medical University) 2010
Rui Xia (Yangtze University) 2010
Xuemin Song (Wuhan University), Sep 1-December 31, 2010
Xiaowen Guo (Zhejiang Chinese Medical University) 2011
Gang Yang (Three Gorges University) 2011
Wei Zhang (Zhengzhou University) 2011
Hanbing Wang (First Foshan Hospital), Oct1 2011-April 30, 2012
Hai Lin (Wenzhou Medical University) 2012
Gaoping Luo (Wuhan Puai Hospital) 2012
Juan Zhang (Zhejiang Chinese Medical University) 2012
Chang Chen (Wuhan University), May 1-Nov 30, 2012
Quanguang Wang (Wenzhou Medical University) 2012-2013
Zhihong Lu (Fourth Military Medical University) 2013
Xuetao Yan (Shenzhen Maternal and Children Hospital), Dec 1 2012-April 30, 2013
Xiangqing Xiong (Wenzhou Medical University) 2013
Zhi Wang (Shanxi Provincial Hospital) 2013-2014
Yingjun She (Guangzhou Maternal and Children Hospital) 2014
Jia Zhan (Wuhan University), May 1-August 31, 2014
Jiehao Sun (Wenzhou Medical University) July 1-September 30, 2014
Yunlong Zhang (Zhejiang Provincial Hospital), October 1-December 31
Xianghu He (Wuhan University), January 31-May 31, 2015
Zhijian You (Shantou University), April 5-8, 2015
Liangrong Wang (Wenzhou Medical University), June 1-August 31
Zewen Liu (Wuhan University, Ezhou Center Hospital), November 1, 2015-January 31, 2016
Liwen Zhou (Wuhan University, Xiangyang Center Hospital), February 28, 2017-March 31, 2017
Qianqian Fan (The Fourth Military Medical University), June 1, 2016-June 1, 2017
Qin Zhang (Nanchang University, College of Medicine), June 1-August 31, 2017
Zhaojun Qin (The First People's Hospital of Yichang City), August 25-November 30

D. Host International Visitors:

Xiucui Fang (Peking Union Hospital) 2001-2003
Xiang Gao (Guangzhou Medical University) June 2003
Lijun Fei (Peking Union Hospital) 2003-2004
Meihua Qu (Weifang Medical College) 2003-2005
Xiaohong Sun (Peking Union Hospital) 2004-2005
Wolfgang Sadee 2005
Vice President Huang, (6 people from Wuhan University Health Science Center) 2007

Fei Zhou (China Three Gorges University) 2006
 Youqin Du (China Three Gorges University) 2006
 Jia Qu, Xiaomin Chen, Qiyu Zhang, (6 people from Wenzhou Medical University) 2007
 Jianqun Yan, Hong Yan, (6 people from Xian Jiaotong University, Health Science Center) 2007
 Yunlong Zhou, Yanlin Wang, (6 people from Wuhan University Health Science Center) 2007
 Zhongping Feng (University of Toronto) 2007
 Jun Li (8 people from Anhui Medical University) 2007
 Bin Lv (Zhejiang Chinese Medical University) 2007
 Songhe Jiang (Wenzhou Medical College) 2008
 Xueqiong Zhu (Wenzhou Medical College) 2009
 Xiaofeng Zheng (Wenzhou Medical College) 2009
 Zhiqi Zhao (Chinese Neuroscience Institute, Shanghai) November 2009
 Huiping Li (Wenzhou Medical College) 2009
 Xiaoying Huang (Wenzhou Medical College) 2010
 Xiubo Lu (Zhengzhou University) 2011
 Xiaohua Liu (Shanghai Maternal and Children Hospital) 2012
 Lirong Teng (Peking Union Hospital), September 8-December 8, 2012
 Hengliang Zhu (Wenzhou Medical College) 2012-2013
 Duo Xu (Wenzhou Medical College) 2012-2013
 Jingying Zhu (Wenzhou Medical College) 2012-2013
 Yudong Wang (Shanghai Maternal and Children Hospital) 2013
 Fan Wang (Wenzhou Medical University) 2013
 Zhongsheng Tang, Yangqun Xie (Anhui medical universities, 15 people), November 9, 2013
 Pamela Flood (Stanford University), June 2014
 Xinliang Chen (Shanghai Jiaotong University) January 1-December 31, 2014
 Zhongxian Wu (Jingmen People's Hospital) May 2014
 Qinqing Gao (Jingmen People's Hospital) May 2014
 Anhui medical universities, 8 people, October 1-22, 2016
 Xuezheng Zhang (Wenzhou Medical University) March 2016-February 2017
 Qianqian Fan (Fourth Military Medical University) June 2016-June 1, 2017
 Ying Zhou (Wenzhou Medical University) June 2016-April 2017
 Wei Fang (Qingdao Medical University) April 15-June 15, 2018

- E. Advisor for Anesthesiology Resident Peter Wang**
 Efficacy of ondansetron for treatment of intrathecal morphine induced pruritus
- F. Advisor for anesthesiology residents Eric Orindorff, Andy Shirk**
 Dose-effects of neostigmine in spinal anesthesia
- G. Resident Advisor in the last 14-year period**
 Meet with residents on a regular basis throughout their residency
 (Diane Tran, Denicha Rankin, Nancy Alkire, Ryan Dalton, Jennifer Watson, Dheer Vyas)
- H. Supervision of OSU PACU nurses during their research**
 PONV study presented at (1) 2012 Nursing Excellence Fair, April 30 - May 1, 2012 at Ross Heart Hospital Auditorium, Wexner Medical Center at OSU; and (2) OPANA (Ohio Post Anesthesia Nurses Association) Fall Conference, Oct. 13, 2012, at Seigel Center, Mt. Carmel East. Columbus, Ohio
- I. Supervisor for high school and college students during their clinical shadowing**
 Daniel Moses, Lucy Chen, Brandi Regula, Brian Jin, Amanda Gu, Minjia Tang, Joe Xiang, Mounir Lynch, Randy Zhao,
- J. Advisor for Medical students**
 Abraham Khorasani, (pager # 4292), December 1-5, 2014
 Mandakini Venkatramani, (pager # 4386), January 5-9, 2015
 Thomas Wilson (pager #), June 1-5, 2015
 Scott Diamond, July 20-24, 2015
 Fenil Patel, July 3-5, 2017
 Zachary Denham, July 24-26, 2017
 Phillip Stokey, August 7-8, 2017
 Hannah Fox, August 9-10, 2017
 William Chen, August 14-15, 2017
- K. International Academic Exchange**
 Filmed lecture/demonstration of case studies on the use of remifentanyl in a range of surgical procedures

- L. Outreach Program of Society for OB Anesthesia and Perinatology (SOAP)**
Co-director, "No Pain Labor and Delivery-Global Health Initiatives". Promoting labor analgesia
- M. Mission Activities**
"Operation Walk". Free total hip and knee replacements and postoperative pain managements for patients without medical insurance.
- N. Visiting Professor in the US**
Mayo Clinic in Rochester, Minnesota, 2001
University of California, Harbor, Los Angeles, (Harbor UCLA), 2010
- O. Guest Professor**
- | | |
|-------------------|--------------------------------------------------------------|
| 2005.4 – present: | Wuhan University |
| 2005.6 – present: | Zhejiang Chinese Medical University |
| 2006.7 – present: | Xian Jiaotong University |
| 2006.8 – present: | Wenzhou Medical College |
| 2007.9 – present: | China Three Gorges University |
| 2008.9 – present: | Shanghai Cipo Polytechnic School of Health Science & Nursing |
| 2009.6 – present: | International Peace Maternity & Child Health Hospital |
| 2011.4 – present: | Zunyi Medical College |
| 2012.4 – present: | Weifang Medical College |
| 2013.7 – present: | Shanxi Medical University |
| 2014.3 – present: | Dalian Medical University |
| 2016.4 – present: | Nanchang University First Affiliated Hospital |
| 2016.6 – present: | Jiaying University First Affiliated Hospital |
- O. Honor Professor**
2013.4 – Present: Zhejiang Provincial Hospital of Zhejiang University

VI. COMMITTEES AND ORGANIZATIONS

- A. Departmental committee**
Executive Committee (2006-2008)
Research Committee (2000-present)
Promotion and Tenure Committee (2005-present)
Evidence Based Medicine Committee (2006-2008)
Equipment Committee (2008-present)
- B. College committee**
International Health Education Advisory Committee (2010-2012)
Director, Global Health Education Initiative, China (2009-present)
Screener, OSUCOM Office of Admission (2013-present)
Promotion and Tenure Committee (2016-present)
- C. University Organization**
Chinese Student and Scholar Society, Advisor (2006-2009)
International Gateway Advisory Committee advisor (2011 – present)
- D. National Organization**
Regional coordinator, Co –chair of Scientific Exchange Committee, Chinese American Society of Anesthesiology (2004-2012)
Board of Directors, Chinese American Society of Anesthesiology (2004-present)
Co-chairs, Mentors Research Scholar Award, AGA Research Foundation (2005-2007)
- E. International Organization**
Trustee, Shanghai Private College of Oversea Friendship Association (2011.4-present)
Executive Board member, International Chinese College of Anesthesiology (2012.4-present)
Section Chair, the 2013 Annual ICAA Meeting, San Francisco, CA, USA (October 11, 2013)
Section Chair, the 2015 Annual ICAA Meeting, San Diego, CA, USA (October 23, 2015)
Section Chair, the 2016 Annual ICAA Meeting, Chicago, CA, USA (October 21, 2016)
Section Chairs, the 2017 Annual ICAA Meeting, Boston, Massachusetts, USA (October 20, 2017)
Executive Board member, World Association of Chinese Anesthesiologists (2017.9-present)
General Secretary, International Chinese College of Anesthesiology (2018.1-present)

VII. GRANT REVIEW

Roessler Medical Student Research Grant (Summer 2004, Winter 2006)

VIII. EDITORIAL BOARD AND MANUSCRIPT REVIEWER

2009 - present (reviewer) Biochemical Pharmacology (Impact Factor: 4.3)
2010 - present (editorial board and reviewer) Chinese Journal of Clinical Anesthesia
2010 - present (editorial board and reviewer) Chinese Medical Journal
2010 - present (reviewer) Anesthesia & Analgesia (Impact Factor: 4.1)
2013 - present (reviewer) Journal of Cardiovascular Pharmacology (Impact Factor: 2.3-2.8)
2013 – present (reviewer) Journal of Inflammation Research
2014 – present (reviewer) Critical Care Medicine
2014 – present (editor) Translational Perioperative and Pain Medicine (ISSN: 2330-4871)”
2015 – present (review) BMC Anesthesiology
2016 – present (reviewer) PLOS ONE
2017 – present (reviewer) International Journal of Medical Sciences

IX. COMMUNITY SERVICE

- 1. Department of Obstetrics and Gynecology, RN Competency for Women and Infants:**
Medical Pain Management for the Obstetrical Patients
Anesthesia for Labor and Delivery
- 2. The Region IV Perinatal Center**
Obstetric anesthesia update
- 3. Chinese Student and Scholar Society**
Introduction to labor and delivery
Labor analgesia
- 4. OSU Medical Center Summer Education Program (1998)**
- 5. Department of Internal Medicine, Mount Carmel Medical Center (1997)**
- 6. Operation Walk:** a mission trip to developing countries to perform total hip and knee replacements
- 7. No Pain Labor and Delivery:** an out-reach projects of Society of Obstetric Anesthesia and Perinatology (SOAP) to promote safe labor analgesia in developing country

X. PROFESSIONAL SOCIETIES

Member of The American Society of Anesthesiologists
Member of The Ohio Society of Anesthesiologists
Member of The American Medical Association
Member of The American Gastroenterological Association

XI. CERTIFICATION

ECFMG 1996

XII. BOARD CERTIFICATION

American Board of Anesthesiology
State Medical Board of Ohio

XIII. AWARDS AND SCHOLARSHIPS

Graduate Assistantship from The Ohio State University (1988--1993).

Award for the Graduate Student Research for the Year 1990 (Gastrointestinal Section) from American Physiological Society in April, 1990.

The Van Harreveld Memorial Award for the Year 1990 (Neuroscience Section) from The American Physiological Society in April, 1990.

The Bennett Research Award in Ninth Annual Research Day from Bennett Graduate Research Society in March, 1993.

AGA Student Abstract Prize from American Gastroenterological Association in May, 1993.

Research Presentation was awarded as top 2% and selected to Presidential Plenary Section at Digestive Disease Week in May, 1997.

First Place Award in General Anesthesia research oral presentation at the 1999 Midwest Anesthesiology Residents' Conference in April, 1999.

First Place Award in Basic Science research oral presentation section at the 2000 Midwest Anesthesiology Residents' Conference in March, 2000.

SEED Grant Award. The Ohio State University, 2000.

Mentored Clinical Scientist Development Award. National Institutes of Health USA, 2003.

Davis/Bremer Medical Research Grant Award. College of Medicine, The Ohio State University, 2004.

Excellence in Community Service. Chinese Student and Scholar Society, The Ohio State University, 2004.

Research Poster of Distinction. Digestive Disease Week 2005, 2006, 2007, 2008.

Best Paper. The 45th Annual SOAP Meeting. San Juan, Puerto Rico, Friday, April 26, 2013.

Distinguished Service Award, International Chinese Academy of Anesthesiology, San Francisco, October 2013

XIV. GRANTS

May 2007 - May 2012: "Multicenter, Randomized, Placebo-Controlled, Double-Blinded Study of the Efficacy and Safety of Lubiprostone in patient with Opioid-induced Bowel Dysfunction (Phase 2)" Sucampo Pharmaceuticals. \$30,140.85 (USD). **Principal Investigator.** Project #60013724.

Sep 2011 – Sep 2016: "Function of the Enteric Nervous System" National Institute of Health. \$1,492,595 (USD). **Collaborator.**

Jul 2010 - Jun 2011: "Function of Enteric Nervous System" National Institute of Health. \$343,009 (USD). **Co-Principal Investigator.**

Jul 2010 - Jun 2011: "OSU International Gateway Grant" OSU International Affair. \$10,000 (USD). **Co-Principal Investigator.**

Sep 2004 - Aug 2009: "Purinergetic Neurogenic Mucosal Secretion" National Institute of Health. \$1,681,000 (USD). **Co-Principal Investigator.**

Aug 2007 - Dec 2009: "A Multicenter, Double-Blinded, Randomized, Placebo-Controlled Study of Methylnaltrexone in the Prevention of Post-Operative Ileus" Wynth Research Grant. \$20,868.50 (USD). **Principal Investigator.** Project #60017755.

Apr 2008 - Dec 2011: "A Multicenter, Randomized, Placebo-controlled, Doubleblinded Study of the Efficacy and Safety of Lubiprostone in Patients with Opioid-induced Bowel Dysfunction (Phase 1)" Sucampo Pharmaceuticals Protocol. \$ 29,559.82 (USD). **Principal Investigator.** Project # 60012400.

Mar 2004 - Mar 2006: "GDNF in the Enteric Nervous System" Davis/Bremer Medical Research Foundation. \$25,000 (USD). **Principal Investigator.**

Sep 2003 - Jun 2009: "GDNF in the enteric nervous system" National Institutes of Health. \$651,645 (USD). **Principal Investigator.**

Jan 2001 - Dec 2002: "SEED Grant for The study of effect of TNF on the enteric nervous system" Ohio State University. \$13,014 (USD). **Principal Investigator.**

Jan 2001 – Jan 2002: "Effects of Ondansetron on Opioid-induced Pruritus" GlaxoSmithKline. \$2,000 (USD). **Principal Investigator.**

Jan 2000 - Jan 2001 Reilley T and Xia Y, "Effects of local anesthetics after intradermal injection" AstraZeneca LP. \$2,000 (USD). **Co-Principal Investigator.**

Aug 2000 - July 2003: "Research Start up Fund" The Ohio State University, Department of Anesthesiology. \$ 20,000. **Principal Investigator.**

March 2018 – January 2020 "A Prospective Randomized Open-Label Trial Investigating the Effect of Sugammadex versus Neostigmine during Neuromuscular Blockade Reversal in Outpatient Surgeries – An Evaluation of Clinical and Associated Health Care Cost". Co-PI.

April 2018- January 2020 "Effect of Transcutaneous acupoint stimulation on PONV after spinal surgery". Co-PI. \$1455

Research activities and interest

My research focuses on effects of anesthetics and cytokines on gastrointestinal (GI) motility and secretion. This includes a novel basic science research of the function of the enteric nervous system in animal and human tissues, and associated clinical studies on treatment of anesthetic induced GI dysfunction.

XV BOOK CHAPTER

1. Obstetric Anesthesia – Principles and Practice (产科麻醉学 – 理论与实践), 5th edition. (eds: Lian Qingquan, Yao Shanglong, Weike Tao, Lingqun Hu, Yun Xia, Yunping Li, 2017
2. Xu Y, Han J, and Xia Y. Anterior Mediastinal Tumor. In: Hot Topics in Clinical Anesthesia. Edited by Li R and Peng Y. Science Press, page: 313-322. October 2014. <http://www.sciencep.com>, ISBN 978-7-03-041988-0, 16 North Huangchenggen Street, Beijing 100717. Phone: 010-6400-6727, email: med-prof@mail.sciencep.com.
3. Wu, Q, Yao, S, Wang, H, and Xia, Y. "Maternal Death." In Obstetric Anesthesia. Edited by Lian, Q. 810-821. Beijing: People's Medical Publishing House, 2013. (Published). I was the associate editor of this book.
4. Yu, D, Wang, H, Xia, Y. "Hypertensive Disorders." In Obstetric Anesthesia. 4th ed. Edited by Lian Q. 927-958. Beijing: People's Medical Publishing House, 2013. (Published). I was the associate editor of this book.
5. Xia Y, Hu L, Wang YL. "Anesthetic and Obstetric Complications." In Obstetric Anesthesia. Edited by Wang G and Xu M. Beijing: People's Medical Publishing House, 2012. (Published).
6. Hu L, Xia Y, Wang Y. "ASA Practice Guidelines for Obstetric Anesthesia." In Obstetric Anesthesia. Edited by Wang G and Xu M. Beijing: People's Medical Publishing House, 2012. (Published).
7. Xia, Y. et al. "Maternal Death in the United States". In Obstetric Anesthesia - Principles and Clinical Perspectives. First ed. Edited by Wu, X, Hess, PE, Oriol NE, and Li, Y. 267-275. Beijing: People's Medical Publishing House, 2012. www.ipmph.com. (Published).
8. Xia, Y. "Labor Analgesia". In Chinese Perinatology. Edited by Zhang Weiyuan. Beijing: People's Medical Publishing House, 2012. www.ipmph.com. (Published).
9. Xia Y. "Foreword". In Anesthesiologists' Non-Technical Skills (ANTS) . Edited by Lian Q and Shangguan W. Beijing: People's Medical Publishing House, 2012. (Published).
10. Xia Y. "OB Anesthesia". In Evidence-Based Practice of Anesthesiology. Second ed. Edited by Hang Y, Zhou D, Liu R, Hu L, Peng Y, and Xia Y. 393-413. Beijing: People's Medical Publishing House, 2010. Address: 19 Panjiayuananli, Chaoyang District, Beijing, China. ISBN: 978-7-117-12722-6/R. 12723. Email:WQ@pmph.com. www.pmph.com. (Published). I was the associate editor of this book.
11. Xia Y. "Anesthetic Consideration of Preeclampsia." In Annual Refresher Course Lecture. Beijing: People's Medical Publishing House, 2009.
12. Xia Y. "What is New in 2007 ASA Practice Guidelines for Obstetric Anesthesia." In Annual Refresher Course Lectures. Beijing: People's Medical Publishing House, 2008.
13. Xia, Y. "Obstetric Anesthesia". In Evidence-Based Practice of Anesthesiology. First ed. Edited by Hu L, Zhou D, and Xia Y. 369-385. Beijing: People's Medical Publishing House, 2007. Address: 3-3 Fangzhuang Qunfangyuan, Fengtai District, Beijing, China. ISBN: 978-7-117-08604-2/R.8605. www.pmph.com. (Published). I was the associate editor of this book.

14. Xia Y. "Anesthetic Consideration for Obstetric Patients with Thrombocytopenia and Coagulopathy." In Annual Refresher Course Lectures. Beijing: People's Medical Publishing House, 2006.
15. Wood JD, Fang X, Xia Y. "Enteric Nervous System." In Neurogastroenterology and Motility - Basic and Clinical Aspects. Beijing: Science and Technology Press, 2005.
16. Xia Y. "Update of Practice Guidelines of Obstetric Anesthesia in the US." In Annual Refresher Course Lectures. Beijing: People's Medical Publishing House, 2005.
17. Np Pain Labor and Delivery – Modern L&D Teaching Course. Edited by Hu L, Tao W, Zhao P, Li Y, and Xia Y. World Book Inc, 137 Caonei Street, Dongcheng District, Beijing, 100010, China. ISBN: 9787519213091

XVI. PUBLICATIONS (Peer-Reviewed Journals)

1. Yue Chen, MD, KeJian Shi, MD, Yun Xia, MD, PhD, Xuezheng Zhang, MD, Thomas J. Papadimos, MD, PhD, Xuzhong Xu, MD, and Quanguang Wang, MD. Sensory Assessment and Regression Rate of Bilateral Oblique Subcostal Transversus Abdominis Plane Block in Volunteers. *Regional Anesthesia and Pain Medicine*, Volume 43, Number 2, February 2018
2. Xia F, Xia Y, Chen S, Chen L, Zhu W, Chen Y, Papadimos TJ, Xu X, Liu L. Lipid emulsion mitigates impaired pulmonary function induced by limb ischemia/reperfusion in rats through attenuation of local cellular injury and the subsequent systemic inflammatory. *BMC Anesthesiol*. 2017 Jun 19;17(1):83. doi: 10.1186/s12871-017-0375-6. PMID: 28629353
3. Chen Z, Jin Z, Xia Y, Zhao S, Xu X, Papadimos TJ, Wang Q. The protective effect of lipid emulsion in preventing bupivacaine-induced mitochondrial injury and apoptosis of H9C2 cardiomyocytes. *Drug Deliv*. 2017 Nov;24(1):430-436. doi: 10.1080/10717544.2016.1261379
4. Wang, Quan-Guang MD*; Wu, Cong MD*; Xia, Yun MD, PhD†; Dong, Jiao-Jiao BS*; Lin, Ting-Ting BS*; Liu, Qiao-Yan BS*; Papadimos, Thomas J. MD, MPH‡; Xu, Xu-Zhong MD* "Epinephrine Deteriorates Pulmonary Gas Exchange in a Rat Model of Bupivacaine-induced Cardiotoxicity: a Threshold Dose of Epinephrine" *RAPM*, 2017, 42(2):1-9.
5. Luo M, Yun X, Chen C, Bao N, Feng X, Pan L, Jin Z, Wu C, Wang X, Papadimos TJ, Xu X. Giving Priority to Lipid Administration Can Reduce Lung Injury Caused by Epinephrine in Bupivacaine-Induced Cardiac Depression. *Reg Anesth Pain Med*. 2016 Jul-Aug;41(4):469-76. doi: 10.1097/AAP.0000000000000424. PMID: 27281728
6. Tang W, Wang Q, Shi K, Dong J, Lin S, Zhao S, Wu C, Xia Y, Papadimos TJ, Xu X. The Effect of Lipid Emulsion on Pharmacokinetics of Bupivacaine in Rats: Long-Chain Triglyceride Versus Long- and Medium-Chain Triglyceride. *Anesth Analg*. 2016 Nov;123(5):1116-1122. [Epub ahead of print] PMID: 27224931
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XVII. PUBLICATIONS (Abstracts)

1. Samiha Nasser MD, Blair Herndon MD, Kasey Fiorini MD, Yun Xia MD, Obstetric Anesthesia Considerations for Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC). The 49 Annual Conference of SOAP (Society of Obstetric Anesthesia and Perinatology). Hyatt Regency Bellevue on Seattle's Eastside, Seattle, Washington, May 10-14, 2017.
2. Michael Pettus, MD, Blair Herndon MD, Kasey Fiorini MD, Sonia Ristev MD, Yun Xia MD. Acute Coronary Syndrome Postpartum Requiring Five Vessel CABG. The 49 Annual Conference of SOAP (Society of Obstetric Anesthesia and Perinatology). Hyatt Regency Bellevue on Seattle's Eastside, Seattle, Washington, May 10-14, 2017.
3. Blair Herndon MD, Kasey Fiorini MD, Yun Xia MD, Teri Gray MD. Aortic Coarctation and Labor and Delivery—A Careful Balance.. The 49 Annual Conference of SOAP (Society of Obstetric Anesthesia and Perinatology). Hyatt Regency Bellevue on Seattle's Eastside, Seattle, Washington, May 10-14, 2017
4. Nasser S, Herndon BH, Xia Y, Gray T, Fiorini K. Obstetric Anesthesia Considerations for Arrhythmogenic Right Ventricular Cardiomyopathy. The 49 Annual Conference of SOAP (Society of Obstetric Anesthesia and Perinatology). Hyatt Regency Bellevue on Seattle's Eastside, Seattle, Washington, May 10-14, 2017
5. Dewhirst E, Coffman J, Xia Y, Gorelik L, Fiorini K. Timing of delivery and aortic replacement in a pregnant patient with Marfan syndrome and rapidly advancing aortic dilation. The 48 Annual Conference of Society of Obstetric Anesthesia and Perinatology. Seaport Boston Hotel and World Trade Center, Boston, Massachusetts, May 18-22, 2016
6. Wood JD, Wang G-D, Wang X, and **Xia Y**. Dopamine D1 and D2 Receptors Expressed by Musculomotor and Secretomotor Neurons in the Enteric Nervous System (ENS) and the Dorsal Vagal Motor Nucleus for Guinea Pig and Mouse. 2015 Gastroenterology, Vol. 148, Issue 4, S-540. DIO: 10.1016/S0016-5085 (15) 31809-6.

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8. Wang GD, Wang X, Qu M, **Xia Y**, Wood JD. Reversal of Opioid-Induced Constipation by Lubiprostone (Amitiza®) in Guinea Pig Ileum. 2014 *Gastroenterology*, Vol. 146, Issue 5, S-89.
9. **Xia Y**, Hu M, Hu L, Wong CA, Stellaccio FS, Wang Y, Huang W, Li Y, Xia T, and Dzwonczyk RR. Impact of Neuraxial Labor Analgesia on Oxytocin Augmentation and Postpartum Hemorrhage. A4056, 2013 Annual Conference of American Society of Anesthesiology. October 15, 2013
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11. **Xia Y**, Hu P, Hu L, Stellaccio F, Xia T, and Dzwonczyk R. Impact of No Pain Labor N' Delivery on labor analgesia rate and obstetric practice in a Chinese academic hospital. The abstract has been accepted to compete as an Oral Presentation in the Best Paper Competition on Friday, April 26, 2013 during the SOAP 45th Annual Meeting, April 24-28 2013 at Caribe Hilton, San Juan, Puerto Rico.
12. Guo-Du Wang, Xiyu Wang, **Yun Xia**, Dean J. Mikami, Bradley Needleman, W.S. Melvin, Jackie D. Wood. Dopaminergic Control of Motility in Human and Guinea Pig Intestine. *Gastroenterology* 142 (5): 649. 2012.
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15. Wang G-D, Wang X, **Xia Y**, Wood JD. Neurobiology and Neuropharmacology of the D2 Class of Dopaminergic Receptors in the Guinea Pig Enteric Nervous System (ENS). AGA Topic Forum (517), 2:15 PM - 3:45 PM E350 MCP. 2011
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22. Peralta F, Small RH, and **Xia Y**. Emergency Delivery of Twin Gestation Previously Scheduled for EXIT Procedure. 2009 ASA Annual Conference. Poster presentation, MC Case number 635, New Orleans, October 20, 2009.
23. Wood JD, Wang G, Wang X, Liu S, and **Xia Y**. Interactive Signaling Between Spinal Afferents, Enteric Mast Cells and the Enteric Nervous System in Guinea Pig Intestine. The 36th Congress of the International Union of Physiological Science (IUPS) in Kyoto, Japan, July 27-31, 2009. Poster presentation.
24. Wang G, Wang X, Zou F, **Xia Y**, Liu S, Qu M, Ren W, and Wood JD. Stimulation of Spinal Afferents Evokes Slowly-Activating Excitatory Responses in Enteric Neurons in Parallel with Release of Mast Cell Proteases in Guinea Pig Ileum and Colon. *Gastroenterology*, 136(5): A-19. DDW meeting (oral presentation) May 31-June 3, 2009 in Chicago..
25. Wang X, Wang G, Liu S, Qu M, Ren W, Baldassano S, **Xia Y**, and Wood JD. Mast Cell Proteases Stimulate Neurogenic and Non-Neurogenic Mucosal Chloride Secretion in Guinea Pig Distal Ileum. *Gastroenterology*, 136(5): A-554. DDW meeting (Poster presentation) May 31-June 3, 2009 in Chicago.
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XVIII. LECTURE AND ORAL PRESENTATION

1. Section Chair and speaker at the 2018 SOAP (Society of Obstetric Anesthesia and Perinatology) Annual Conference. Miami, May 9-13, 2018
2. Section Chair and speaker at the 2018 CAA (Chinese Association of Anesthesiologists) Annual Conference. Kunming, Yunnan, China, April 13-15, 2018.
3. Anesthesia Residency Training in the US. Invited Keynote Speaker at Medical Symposium organized by Bengbu Medical College, Bengbu, Anhui, China, April 10, 2018.
4. (1) Anesthetic Management of Obstetric Hemorrhage; (2) Hospital Managements; (3) Anesthetic Management of Difficult Airway; (4) Clinical Application of Opioids. Anesthesia Seminar at Baotou Hospital of Obstetrics and Gynecology, Baotou, Intermongolia, China, April 3, 2018. Grand Rounds at Shenzhen Baoan Maternal and Children Hospital, Shenzhen, Guangdong, China, April 6, 2018. Seminar at Shenzhen Maternal and Children Hospital, Shenzhen, Guangdong, China, April 8, 2018. Grand Rounds at Anhui Medical University, Second Affiliated Hospital, Hefei, Anhui, China, April 9, 2018..
5. (1) 2016 ASA Practice Guidelines for Obstetric Anesthesia; (2) Managements of Obstetric Hemorrhage; (3) Hospital Managements. NPLD-GHI conference organized by Luoyang Peony Hospital of OB&GYN, Luoyang, Henan, China, March 17-20, 2018. NPLD-GHI conference organized by Guigang Peony Hospital of OB&GYN, Guigang, Guangxi, China, March 21-24, 2018.
6. (1) CRM; (2) Obstetric Anesthesia; (3) Thoracic Anesthesia; (4) Anesthetic Managements of Massive Hemorrhage. Seminar in Anesthesiology Department, Ningbo Second Hospital, Ningbo, Zhejiang, China, November 7, 2017. Anesthesia Symposium in Anesthesiology Department, Ningbo Maternal and Children Care Hospital, Ningbo, Zhejiang, China,

- November 8, 2017. Seminar in Anesthesiology Department, Ningbo First Hospital, Ningbo, Zhejiang, China, November 8, 2017. Anesthesia Symposium, organized by Jianxing Women and Children Hospital, Jiaxing, Zhejiang, China, November 9, 2017. Grand Rounds, Jianxing Second Hospital, Jiaxing, Zhejiang, China, November 9, 2017. Anesthesiology Symposium, Huzhou Central Hospital, Huzhou, Zhejiang, China, November 11, 2017. Anesthesia Seminar, Department of Anesthesiology, Wenzhou Medical University First Hospital, Zhejiang, China, November 14, 2017.
7. Inhalation Anesthesia Symposium, Organized by Hangzhou Society of Anesthesiology, Hangzhou, Zhejiang, China. November 10, 2017.
 8. Section Chair s for the ICAA Scientific Symposium, Boston, Massachusetts. October 20, 2017
 9. Anesthetic Considerations for Non-Obstetric Surgery during Pregnancy. Invited speaker at the 2017 Annual Conference of Chinese Society of Anesthesiology. Zhengzhou, Henan, China. September 7-10, 2017
 10. (1) Anesthetic Considerations for Non-Obstetric Surgery during Pregnancy; (2) Perioperative Pain Managements; (3) Inhalation Anesthesia; (4) Anesthetic Managements of Massive Hemorrhage. Seminar in Anesthesiology Department, Zhongnan Hospital, Wuhan University, Wuhan, Hubei, China, September 5, 2017. Anesthesia Symposium organized by Central Hospital, Wuhan, Hubei, China, September 5, 2017. Seminar in Anesthesiology Department, Wuhan Fourth Hospital, Wuhan, Hubei, China, September 6, 2017. Anesthesia Symposium, organized by Zaozhuang Society of Anesthesiology, Zaozhang, Shandong, China, September 9, 2017. Grand Rounds, Shandong Provincial Hospital, Jinan Shandong, China, September 13, 2017. Seminar in Anesthesiology Department, Shanghai Sixth Hospital, Shanghai Jiaotong University, Shanghai, China, September 14, 2017. Anesthesia Symposium, organized by Dalian Society of Anesthesiology, Dalian, Liaoning, China, September 14-17, 2017.
 11. (1) 2016 ASA Practice Guidelines for Obstetric Anesthesia; (2) Managements of Obstetric Hemorrhage; (3) Obstetric Surgeries for Cardiac Patients; (4) Post-Op Pain Management. Anesthesia Grand Rounds, Sino-US Yihe Women and Children Hospital, Beijing, China, June 10, 2017. International Symposium of Modern L&D Suite organized by Baotou Ob/Gyn Hospital, Baotou, Inner Mongolia, China, June 10-17, 2017. Anesthesia Symposium organized by Anesthesia Society of Inner Mongolia, Huhehot, Inner Mongolia, China, June 18-19, 2017. Grand Rounds organized by Chifeng People's Hospital. Chifeng, Inner Mongolia, China, June 20-21, 2017.
 12. Acupuncture Therapy for Spinal Cord Injury in the US. Invited speaker at the 2017 Annual Conference of Chinese Society of Integrative Anesthesiology. Xian, Shanxi, China. June 22-15, 2017
 13. (1) 2016 ASA Practice Guidelines for Obstetric Anesthesia; (2) Post-op Pain managements. (3) ACLS. Grand Rounds organized by Shenzhen Baoan Maternal and Children Hospital, Shenzhen, Guangdong, China, May 2-5, 2017. Anesthesia Symposium organized by Ganzhou Society of Anesthesiology, Ganzhou, Jiangxi, China, May5-6, 2017. Anesthesia Symposium organized by Xinyu Society of Anesthesiology, Xinyu, Jiangxi, China, May7-8, 2017.
 14. (1) Post-op Pain managements; (2) Medical Risk Managements. (3) Effect of Perioperative Analgesia on Patients Wellbeing and ERAS. Anesthesia Seminar and research collaboration at Wenzhou Medical University First Affiliated Hospital, Wenzhou, Zhejiang, China, March 19-23, 2017. Grand Rounds at Zhejiang Chinese Medical University affiliated Provincial Hospital of TCM, Hangzhou, Zhejiang, China, March 25, 2017. Hangzhou Anesthesiology Symposium organized by Hangzhou Society of Anesthesiology, Hangzhou, Zhejiang, China, March 26, 2017.
 15. Interpretation of 2016 ASA Clinical Practice of Obstetric Anesthesia. Invited Speaker at the 2017 Annual Anesthesia Conference of Capital Medical University, Beijing, March 18, 2017.
 16. (1) Anesthetic Managements of Postpartum Hemorrhage; (2) Inhalational General anesthesia in the US; (3) Perioperative Pain Managements; (4) Update of OB Anesthesia in the US. Anesthesia symposium organized by Tianjin Society of Anesthesiology, Tianjin, China, November 5-6, 2016. Anesthesia seminar organized by Shenzhen Baoan Maternal and Children Hospital, Shenzhen, Guangdong, China, November 7, 2016. Anesthesia seminar, organized by Wenzhou Medical University, Wenzhou, Zhejiang, China. November 8, 2016. Anesthesia seminars organized by Haikou Modern Maternal and Children's Hospital and Haikou Modern Maternal and Infants Hospital, Haikou, Hainan, China, November 13-18, 2016. Anesthesia conference organized by Yichang Society of Anesthesiology, Wuhan, Hubei, China, November 19-20, 2016.
 17. Section Chair s for the ICAA Scientific Symposium, Chicago, Illinois. October 21, 2016.
 18. (1) Anesthetic Managements of Postpartum Hemorrhage; (2) Inhalational General anesthesia in the US; (3) Perioperative Pain Managements; (4) Update of OB Anesthesia in the US. Anesthesia seminar organized by Foshan People Hospital, Foshan, Guangdong, China, August 23, 2016. Dalian Anesthesia Symposium organized by Dalian Society of Anesthesiology, Dalian, Liaoning, China, August 29, 2016. Wuhan Anesthesia Symposium organized by Wuhan Society of Anesthesiology, Wuhan, Hubei, China, August 31, 2016. Continue Medical Education organized by Huhehot Society of Anesthesiology, Huhehot, Inner Mongolia, China, September 1, 2016.
 19. (1) Anesthetic Managements of Postpartum Hemorrhage; (2) Pain managements Breast-feeding parturients after Cesarean Delivery. Invited Speaker at the 2016 Annual Conference of Chinese Society of Anesthesiology. Guangzhou, Guangdong,, China. August 24-28, 2016.
 20. (1) Interpretation of 2016 ASA Clinical Practice of Obstetric Anesthesia; (2) Inhalational General anesthesia in the US. Shenzhen Anesthesia Symposium organized by Shenzhen Baoan Maternal and Child Care Hospital, Shenzhen, Guangdong, China, June 14-16, 2016. Jiaxing Anesthesia Symposium organized by Jiaxing Society of Anesthesiology, Jiaxing, Zhejiang, China, June 16-18, 2016. Fudan Anesthesia Symposium organized by OB/Gyn Hospital Fudan University, Shanghai, China, June 19-26, 2016. Xiangyang Anesthesia Symposium, organized by Xiangyang Central Hospital, Xiangyang, Hubei, China, June 27, 2016.
 21. (1) Interpretation of 2016 ASA Clinical Practice of Obstetric Anesthesia; (2) Inhalational General anesthesia in the US; (3) Acute Pain Managements. Anesthesia Seminar and research collaboration at Wenzhou Medical University First Affiliated Hospital, Wenzhou, Zhejiang, China, April 11-14, 2016. Jian Anesthesiology Symposium organized by Jian Society of Anesthesiology, Jian, Jiangxi, China, April 18-19, 2016. Continue Medical Education Course organized by Jiangxi Provincial Hospital, April 20-21, 2016. Jiangxi Anesthesiology Symposium organized by Xiangxi Society of Anesthesiology, April 22, 2016, Shangrao CME Course organized by Nanchang University and Shangrao Society of Anesthesiology, April 23-14, 2016.
 22. Repeat Cesarean Delivery. Invited Speaker at the 2016 Annual Conference of Chinese Association of Anesthesiologists. Haikou, Guangdong,, China. April 15-17, 2016.

23. Perioperative Pain Managements. Shanghai Anesthesia Symposium organized by Shanghai Society of Anesthesiology, Shanghai, China March 11-14, 2016. .Shijiazhuang Anesthesia Symposium organized by Shijiazhuang Society of Anesthesiology, March 15-18, 2016.
24. Anesthetic Managements in Ultra Obese Parturients. Invited Speaker at the 2015 Annual Anesthesia Conference of Capital Medical University, November 7, 2015.
25. (1) Acute pain managements; (2) Labor and delivery Suite in the US; (3) Anesthetic considerations of obese parturient. Anesthesia seminar organized by Zhengzhou University, First Affiliated Hospital, Zhengzhou, Henan, China, November 4, 2015. . Anesthesia seminar organized by Henan Provincial Hospital, Zhengzhou, Henan, China, November 5, 2015. Huhehot Anesthesia Symposium organized by Inner Mongolia, Huhehot, Inner Mogolia, China, November 8-9, 2015. Anesthesia Forum organized by Shanxi Provincial Hospital, Taiyuan, Shanxi, China, November 10-13, 2015. Annual Anesthesia Conference organized by Foshan First Hospital, Foshan, Guangdong, China, November 13-15, 2015.
26. Section Chair s for the ICAA Scientific Symposium, Boston, Massachusetts. October 23, 2015.
27. (1) Update of OB anesthesia in the US; (2) Anesthetic considerations for parturients with intracranial pathology; (3) Modern Labor and Delivery Suite; (4) Application of inhalation medication in the US. Obstetric Anesthesia Symposium organized by Wenzhou Medical University, Wenzhou, Zhejiang, China, September 2-7, 2015. Obstetric Anesthesia Symposium organized by Wuhan University, Wuhan, Hubei, China, September 8-9, 2015. . Obstetric Anesthesia Forum organized by Shenzhen Baoan Maternal and Children Care Hospital, Shenzhen, Guangdong, China, September 14-15, 2015. . Obstetric Anesthesia Symposium organized by Xinhui Maternal and Children Care Hospital, Xinhui, Guangdong, China, September 15-16, 2015. . Obstetric Anesthesia Seminar organized by Foshan First Hospital, Foshan, Guangdong, China, September 17-18, 2015. Anesthesia Forum organized by Wenzhou Medical University, Wenzhou, Zhejiang, China, September 118-20, 2015.
28. Anesthetic considerations for parturients with intracranial pathology. Invited Speaker at the 2015 Annual Conference of Chinese Society of Anesthesiology. Xian, Shanxi, China. September 10-13, 2015.
29. Update of OB Anesthesia. Invited Speaker on Internet Series Lecture for the 43 Chinese Anesthesia Website Forum Organized by Chinese Association of Anesthesiologists. September 5, 2015.
30. (1) Anesthetic managements of perinatal neuronal complication; (2) Clinical application of oxytocin. Obstetric Anesthesia Conference organized by Jiujiang Society of Anesthesia, Jiujiang, Jiangxi, China, June 27, 2015
31. Medical CRM. Hospital Management Symposium organized by Jiujiang City Department of Health, Jlujinag, Jiangxi, China, June 25, 2015.
32. (1) Inhalational Anesthesia; (2) Intravenous anesthesia; (3) Labor analgesia. Shandong Anesthesia Symposium organized by Shandong Society of Anesthesiology, Jinan, Shandong, China, June 16, 2015. Anesthesia seminar organized by Zhejiang Chinese Medical University, Xiasha, Hangzhou, Zhejiang, China, June 19, 2015. Zhejiang Anesthesia Symposium organized by Zhejiang Society of Anesthesiology, Hangzhou, Zhejiang, China, June 20, 2015. Obstetric Anesthesia seminar organized by Jiujiang Maternal and Child Care Hospital, Jiujiang, Jiangxi, China, June 24, 2015. Anesthesia Symposium organized by Pingxiang Society of Anesthesia, Pingxiang, Jiangxi, China, June 28, 2015
33. Update of Obstetric Anesthesia. Seminar at Zhejiang Provincial Hospital. Hangzhou, Zhejiang, China. May 25, 2015.
34. Update of Obstetric Anesthesia. Clinical Application of Alpha-2 Agonists. Invited Speaker at the 2015 Annual Conference of Zhejiang Society of Anesthesiology. Hangzhou, Zhejiang, China. May 22-24, 2015.
35. Clinical Application of Inhalation Medication. Sichuan Anesthesia Symposium, Chengdu, Sichuan, China, May 8, 2015. Jiangsu Anesthesia Symposium, Nanjing, Jiangsu, China, May 10, 2015.
36. Evidence Based Medicine. Keynote speaker at Evidence Based Anesthesia Forum organized by Chinese Journal of Anesthesiology, Shijiazhuang, Hebei, China, April 14, 2015.
37. (1) Perioperative Managements; (2) Anesthesia out of Operation Rooms. Taiyuan Anesthesia Symposium organized by Shanxi Provincial Hospital, Taiyuan, Shanxi, China, April 15-16; Seminar at Shenzhen Baoan Maternal and Children Care Hospital, Baoan, Shenzhen, Guangdong, China, April 20, 2015.
38. Anesthetic Managements of Post-Dural Puncture Headache. Invited speaker at the 2015 Annual Conference of Chinese Society of Anesthesiologists, Fuzhou, Fujian, China, April 17-19, 2015.
39. (1) Update of Obstetric Anesthesia; (2) Perioperative Managements; (3) Anesthesia out of Operation Rooms. Seminar at Shenzhen Baoan Maternal and Children Care Hospital, Shenzhen, Guangdong, China, March 14, 2015; Symposium at Shajing Hospital, Baoan, Shenzhen, Guangdong, China, March 15, 2014. Round Table Discussion of Perioperative Managements, Longyan People Hospital, Longyan, Fujian, China, March 17, 2015; Two seminars at the First Hospital of Wenzhou Medical University, Wenzhou, March 19-20, 2015; Seminar at the Third Hospital of Wenzhou Medical University, Wenzhou, March 21, 2015; Conference of Zhejiang Society of Anesthesiology on Anesthesia out of Operation Rooms, at First Hospital of Wenzhou Medical University, Wenzhou, March 22, 2015.
40. (1) Effective leadership; (2) Anesthetic Managements of a Parturient with multiple Co-Existing Diseases. Seminar at Shenzhen Baoan Maternal and Children Care Hospital, Shenzhen, Guangdong, China, October 30, 2014; Shanxi Anesthesia Conference on Peri-operative Managements of High Risk Patients, organized by Shanxi Society of Anesthesiology, Taiyuan, Shanxi, China, October 31-November 2, 2014.
41. Section Chair s for the ICAA Scientific Symposium, New Orleans. October 10, 2014.
42. (1) Anesthetic Managements of Obese Parturients; (2) Update of OB Anesthesia; (3) Parioperative Pain Managements; (4) Medical Resource Managements. Seminar at Shenzhen Baoan Maternal and Children Care Hospital, September 6, 2014; Wuhan Anesthesia Symposium, September 8-11, 2014; Suzhou Anesthesia Symposium, Key-note Speaker, September 15-17, 2014; Shanghai Sipo Polytechnic School of Health Science & Nursing in Shanghai, September 18, 2014; Wenzhou Anesthesia Symposium, the First Hospital of Wenzhou Medical College, Wenzhou, September 19-21, 2014; Longyan Anesthesia Conference, Longyan Society of Anesthesiology, Longyan, Fujian, China, September 22, 2014.
43. Anesthetic Managements of Obese Parturients. Invited Speaker at the 2014 Annual Conference of Chinese Society of Anesthesiology. Chengdu, Sichuan, China. September 11-14, 2014.
44. (1) Thoracic Anesthesia, (2) CRM in Medical Practice, (3) Update of Obstetric Anesthesia, (4) Anesthetic Considerations of Parturient with Difficult Airway. Keynote Speaker at Dalian Anesthesia Symposium organized by Dalian Society of Anesthesiology, Dalian, Liaoning, China, August 14-17. Keynote Speaker at Taiyuan Anesthesia Symposium organized by

- Taiyuan Society of Anesthesiology, Taiyuan, Shanxi, China, August 23-26, 2014.
45. (1) Labor Analgesia, (2) CRM in Medical Practice, (3) Acute Pain Managements, (4) Oxytocin in OB Anesthesia. Keynote Speaker at Liaocheng-Weixian Anesthesia Symposium organized by Liaocheng Society of Anesthesiology, Liaocheng, Shandong, China, June 14-22, 2014. Dalian Anesthesia Forum, Dalian, Liaoning, China, April 23-24, 2014. Nanchang Anesthesia Symposium, Nanchang, Jiangxi, China, April 25-27, 2014. Shangyao Anesthesia Symposium, Shangyao, Jiangxi, China, June 28-30, 2014.
 46. (1) Safety of Patient Care, (2) Anesthetic Managements of Laparoscopic Surgery, (3) Anesthetic Managements of Difficult airway. Anesthesia Symposium on Anesthetic Safety. Zhejiang University Second Hospital, Hangzhou, Zhejiang, China, April 20-22, 2014. Symposium of Perioperative Anesthetic Managements, Zhejiang Provincial Hospital of Traditional Chinese Medicine, Hangzhou, Zhejiang, China, April 23-25. Anesthetic Symposium on Difficult Airway Management, Zhejiang Provincial Hospital, Hangzhou, Zhejiang, China, April 26-27. Yichang Anesthesia Symposium, Yichang, Hubei, China. Changsha Anesthesia Symposium, Changsha, Hunan, China, April 28-30, 2014.
 47. Quality Control in Anesthesia. Invited Speaker in the 2014 Annual Conference of Chinese Association of Anesthesiologists. Shanghai. April 18-20, 2014.
 48. (1) Residency Training in the US, (2) OR Managements at OSU Wexner Medical Center, (3) Research Collaboration between Wenzhou Medical University (WMU) and OSU WMC. Symposium of the 95 anniversary celebration of WMU. Wenzhou, Zhejiang, China, April 1-7, 2014.
 49. Pain Managements. Changsha Anesthesia Symposium, Changsha, Hunan, December 9-10, 2013; Chengde Anesthesia Symposium, Chengde, Hebei, December 14-15, 2013
 50. Managements of Difficult Airway in OB Anesthesia. Invited Speaker at the 2013 Annual Anesthesia Conference of Capital Medical University, November 1-2, 2013.
 51. (1) Managements of a parturient with Multiple Co-existing Diseases, (2) Hospital Managements. Shanxi Anesthesia Symposium, Taiyuan, November 3-6, 2013; Yichang Hospital Managements Symposium, November 7-9, 2013, Shenzhen Baoan Hospital Managements Symposium, November 10-12, 2013.
 52. Section Chair s for the ICAA Scientific Symposium, San Francisco, California. October 11, 2013.
 53. Impact of Neuraxial Labor Analgesia on Oxytocin Augmentation and Postpartum Hemorrhage. Poster-discussion (oral presentation) at 2013 Annual Conference of American Society of Anesthesiology, A4056, Room 124, 10:00-11:30, October 15, San Francisco, California. 2013.
 54. Oxytocin in OB Anesthesia. Oral presentation at the Second Scientific Symposium of ICAA, University of California San Francisco, Room 302, October 11, San Francisco, California. 2013.
 55. (1) Update Oxytocin Application during Obstetric Anesthesia; (2) Perioperative Pain Managements; (3) ICAA Symposium. Invited Speaker at the 2013 Annual Conference of Chinese Society of Anesthesiology. Tianjin, China. September 19-22, 2013.
 56. (1) Perioperative Pain Managements, (2) Obstetric Anesthesia Safety, (3) Perioperative Resource Managements. Hangzhou Anesthesia Symposium, Hangzhou, September 7-9; Wenzhou Anesthesia Symposium. Wenzhou Medical University, Wenzhou, September 10-13; Gansu Anesthesia Symposium, Lanzhou, September 14-18, 2013.
 57. Labor Analgesia in the US. Invited **Keynote Speaker** at the 2013 Central South China Annual Pain Conference, July 19-22, 2013.
 58. (1) Oxytocin in OB Anesthesia, (2) Acute Pain Managements. Shenzhen Baoan Anesthesia Symposium organized by Baoan Maternal and Child Health Hospital, July 16-18, 2013
 59. (1) Oxytocin in OB Anesthesia, (2) Acute Pain Managements, (3) Anesthetic Managements of Perinatal Neuronal Complications, (4) Quality Managements in OR. Wenzhou Anesthesia Symposium, First Hospital of Wenzhou Medical College, Wenzhou, June 7-13; Yichang Anesthesia Symposium, Yichang, June 14 -15; Huangshi Anesthesia Symposium, Huangshi, June 16-17. Beijing Anesthesia Symposium, Beijing, June 18-20. Shanghai OB Anesthesia Symposium, **Chaired a section.** Shanghai, June 21-22. Chengdu OB Anesthesia Symposium, Chengdu, June 23-30. Xining Anesthesia Symposium, Xining, July 1-2. Lhasa Anesthesia Symposium, Lhasa, July 3-5, 2013.
 60. Impact of Neuraxial Labor Analgesia on Oxytocin Augmentation and Postpartum Hemorrhage -A Report from No Pain Labor N' Delivery - GHI in China Oral presentation of **Best Paper** #749, The 45th Annual SOAP Meeting, San Juan, Puerto Rico, Friday, April 26, 2013.
 61. Difficult Airway in Obstetric Anesthesia. Invited Speaker in the 2013 Annual Conference of Chinese Association of Anesthesiologists. Harbin. April 26-30, 2013.
 62. (1) Anesthetics and Regional Anesthesia, (2) Quality Managements in OR, and (3) Acute Pain Managements. Wenzhou Anesthesia Symposium on Peripheral Nerve Block, First Hospital of Wenzhou Medical College, Wenzhou, April 11-13; Hangzhou Anesthesia Symposium on Quality Management in Anesthesia, Zhejiang Chinese Medical University, Hangzhou, April 14-18; Hubei Lecture tour, Three Gorges University in Yichang, Changjiang University in Jingzhou, Hubei University of Medicine in Shiyang, Huazhong University of Science and Technology in Wuhan, and Wuhan University in Wuhan, April 19-25, 2013
 63. (1) Anesthetic Managements of Perioperative neurological Complications, (2) Acute Pain, (3) Marfan's Syndrome, and (4) Update Obstetric Anesthesia. Seminar in Department of Anesthesiology, First Hospital of Wenzhou Medical College, Wenzhou, November 8, 2012; Taiyuan Anesthesia Symposium Organized by Taiyuan Society of Anesthesiology, Taiyuan, November 13, 2012; Jiangsu Anesthesia Symposium Organized by Jiangsu Society of Anesthesiology, Nanjing, November 14, 2012; Taizhou Anesthesia Symposium Organized by Taizhou Society of Anesthesiology, Taizhou, November 16, 2012; Ningbo Anesthesia Symposium Organized by Ningbo Society of Anesthesiology, Ningbo, November 17, 2012
 64. Anesthetic Managements of Perioperative neurological Complications. Invited Speaker at the 2012 Annual Anesthesia Conference of Capital Medical University, November 9-11, 2012.
 65. Section Chair s for the ICAA Scientific Symposium, Washington, DC. October 12, 2012
 66. (1) Improving Safety of OB anesthesia, (2) Clinical Applications of Opioids, (3) Anesthesia Consideration of Perinatal Neurological Complications, and (4) Update HELLP Syndrome. Shanghai Anesthesia Conference organized by Shanghai Society of Anesthesiology, August 11, 2012; Shenzhen Baoan Anesthesia Symposium Organized by Baoan Society of Anesthesiology, August 17, 2012; Foshan Anesthesia Symposium Organized by Foshan Society of Anesthesiology, August

- 18, 2012; Seminar at Foshan First Hospital, August 20, 2012; Seminar at Wenzhou Medical College, Wenzhou, Zhejiang, August 21-23, 2012; Jining Anesthesia Symposium Organized by Jining Society of Anesthesiology, Jining, Shandong, August 25, 2012; Linyi Anesthesia Symposium Organized by Linyi Society of Anesthesiology, August 26, 2012; Seminar at Fourth Military Medical University, Xijing Hospital, September 3, 2012.
67. (1) Update HELLP Syndrome, (2) Opioid receptors. Invited Speaker at the 2012 Annual Conference of Chinese Society of Anesthesiology. Chongqing, China. August 30 - September 2, 2012.
 68. (1) Improving Safety of OB anesthesia, (2) Clinical Applications of Opioids, (3) Anesthesiology Residency Training in the US; and (4) Autoimmune Enteric Neuropathy. Wuhan Anesthesia Conference organized by Wuhan Society of Anesthesiology, Wuhan, Hubei, April 9-10, 2012; Taian Anesthesia Symposium Organized by Taian Society of Anesthesiology, April 12-13, 2012; Weifang Anesthesia Symposium Organized by Weifang Society of Anesthesiology, April 14-15, 2012; Weifang Medical College, Weifang, Shandong, April 16-17, 2012; Zhejiang Chinese Medical University, Hangzhou, Zhejiang, April 18-20, 2012; Binzhou Anesthesia Symposium Organized by Binzhou Society of Anesthesiology, April 21-22, 2012.
 69. Improving Safety of Obstetric Anesthesia. Invited Speaker at the 2012 Annual Conference of Chinese Association of Anesthesiologists. Guangzhou. April 6-8, 2012.
 70. Perioperative Anesthesia Managements. **Keynote Speaker** in 2012 General Assembly of Chinese Association of Anesthesiologists. Chongqing. March 15-17, 2012
 71. (1) OB anesthesia Safety, (2) Robotic surgery, and (3) Clinical Applications of Opioids. Zhejiang Chinese Medical University, Hangzhou, Zhejiang, March 1-3, 2012; International Peace Maternal and Children Hospital, Shanghai Jiaotong University, Shanghai, March 4-6, 2012; Shandong University and Shandong Anesthesia Conference organized by Shandong Society of Anesthesiology, Jinana, Shandong, March 7-9, 2012; Wenzhou Medical College, Wenzhou, Zhejiang, March 10-13, 2012; and Yichang Anesthesia Symposium Organized by Yichang Society of Anesthesiology, March 18-19, 2012.
 72. (1) Clinical Applications of Opioids. Qinghai Anesthesia Symposium organized by Qinghai Society of Anesthesiology, Xining, Qinghai, November 7-8, 2011; Chongqing Anesthesia Symposium organized by Chongqing Society of Anesthesiology, Chongqing, November 9-11, 2011.
 73. (1) Anesthetic Managements of Thrombocytopenia; and (2) Anesthetic Managements of a parturient with multiple co-existing diseases. Invited Speaker at the 2011 Annual Anesthesia Conference of Capital Medical University, November 4-6, 2011.
 74. CASA research strength. 2011 Annual Conference of CASA-CSA. Chicago, October 15, 2011.
 75. Delayed Epidural Catheter Migration into the Subarachnoid Space – A Rare but Serious Event. 2011 ASA Annual Conference. Poster presentation, MC Case number 635, Chicago, October 17, 2011.
 76. (1) Anesthetic Managements of C-section; (2) Managements of Acute Pain in Perioperative Setting. Invited Speaker in the 2011 Annual Conference of Chinese Society of Anesthesiology. Jianan, Shandong, China. September 8-10, 2011.
 77. (1) Anesthetic Managements of Difficult Airway, (2) Managements of Neuronal Complications of OB Anesthesia, (3) OB anesthesia, (4) Clinical Applications of Opioids, and (5) Effects of Opioids on GI Function. Three Gorges University, Yichang, Hubei, August 13, 2011; Ningbo Women and Children Hospital, Ningbo, Zhejiang, August 14-19, 2011; International Peace Maternal and Children Hospital, Shanghai Jiaotong University, Shanghai, August 20, 2011; Wenzhou Medical College, Wenzhou, Zhejiang August 21-23, 2011; Zhejiang Chinese Medical University affiliated Provincial Hospital of TCM, Hangzhou, Zhejiang, August 24-26, 2011; Wuxi Maternal and Children Hospital, Nanjing University, Wuxi, Jiangsu August 26-27, 2011; Baoji Anesthesia Symposium, Organized by Baoji Society of Anesthesiology, Baoji, Shanxi, August 28-31, 2011; Hanzhong Anesthesia Symposium, Organized by Hanzhong Society of Anesthesiology, Hanzhong, Shanxi, September 1-3, 2011; and Xian Anesthesia Symposium, Organized by Xian Society of Anesthesiology, Xian, Shanxi, September 4-6, 2011.
 78. (1) Lubiprostone Facilitates Cholinergic Neurogenic Mucosal Secretion in Guinea Pig and Human Small Intestine; (2) Neurobiology and Neuropharmacology of the D2 Class of Dopaminergic Receptors in the Guinea Pig Enteric Nervous System; (3) Dopaminergic Control of Mucosal Secretion in Human Small Intestine. AGA Research Forum at Digestive Disease Week. Chicago, Illinois. May 2011.
 79. Anesthetic consideration of upper GI surgeries. Invited speaker in the First Conference of OSUMC-WMC Minimally Invasive Surgery Training Institute organized by OSUMC and Wenzhou Medical College, First Affiliated Hospital. April 21-24, 2011.
 80. (1) Clinical Management of A Parturient with Multiple Co-existing Diseases - Case discussion; (2) Clinical Application of Opioids. Duyun Anesthesia Conference organized by Duyun Society of Anesthesiology. Duyun, April 13-15, 2011. Zunyi Anesthesia Conference organized by Zunyi Society of Anesthesiology. Zunyi, Guizhou, April 15-16, 2011. Guiyang Anesthesia Conference organized by Guiyang Society of Anesthesiology. Guiyang, Guizhou, April 17, 2011. Wenzhou Anesthesia Symposium organized by Wenzhou Medical College, First Affiliated Hospital, April 19, 2011.
 81. OB Anesthesia complication. Invited Speaker in the 2011 Annual Conference of Chinese Society of Anesthesiologists. Wuhan. April 8-10, 2011.
 82. Clinical Application of Opioids. Invited Speaker in the 2010 Taiyuan Anesthesia Conference organized by Taiyuan Society of Anesthesiology. Taiyuan. November 13, 2010.
 83. Clinical Application of Opioids. Invited Speaker in the 2010 Linfen Anesthesia Conference organized by Linfen Society of Anesthesiology. Linfen. November 9, 2010.
 84. (1) Update of OB Anesthesia Practice Guidelines; (2) Preeclampsia; (3) Clinical Application and Managements of OB Anesthesia. Invited Speaker and Sections Chairman in the 2010 Annual Anesthesia Conference of Capital Medical University. November 5-8, 2010.
 85. Preeclampsia. Seminar Speaker in Department of Anesthesiology, Peking Union Medical College Hospital. Beijing. November 3, 2010.
 86. Clinical Application and Managements of OB Anesthesia. Invited Speaker in the 2010 Wenzhou National Obstetrics and Gynecology Forum organized by Wenzhou Medical College Second Affiliated Hospital. October 30 – November 1, 2010.
 87. Clinical Application and Managements of OB Anesthesia. Invited Speaker in the 2010 Shanghai International Forum on Obstetrics organized by The International Peace Maternity & Child Health Hospital. Shanghai. October October 27-29,

- 2010.
88. Clinical Application of Opioids. Invited Speaker in the 2010 Enshi Anesthesia Conference organized by Enshi Society of Anesthesiology. Enshi. October 23, 2010.
 89. Clinical Application of Opioids. Invited Speaker in the 2010 Yichang Anesthesia Conference organized by Yichang Central Hospital and Yicjang Society of Anesthesiology. Yichang. October 22, 2010.
 90. Clinical Application of Opioids. Invited Speaker in the 2010 Wuxi Anesthesia Conference organized by Wuxi Society of Anesthesiology. Wuxi. June 20, 2010.
 91. Update of Clinical Managements of Preeclampsia. Invited Speaker in the 2010 OB Conference organized by Shanghai Maternal and Children Hospital. Shanghai. June 19, 2010.
 92. (1) Update of Preeclampsia; (2) Anesthetic Consideration of thrombocytopenia. Invited Speaker in the 2010 OB Anesthesia Conference organized by Nanjing Maternal and Children Hospital. Nanjing. June 16, 2010.
 93. (1) Update of Preeclampsia; (2) Anesthetic Consideration of thrombocytopenia; (3) Labor Analgesia. Invited Speaker in the 2010 OB Anesthesia Conference organized by Wenzhou Society of Anesthesiology. Wenzhou. June 11-12, 2010.
 94. Case Discussion on OB Anesthesia Complications. Invited speaker in the 2010 Review Course organized by Harbin Society of Anesthesiology, Harbin. May 22, 2010.
 95. Ultrasound Guided Regional Anesthesia. Invited speaker in the Review Course organized by Wenzhou Medical College, First Affiliated Hospital. May 16, 2010.
 96. Perioperative Managements. Invited Speaker in the Fifth Annual Surgical Conference of Chinese Integrative Medicine. Hangzhou. May 15, 2010.
 97. (1) Endoluminal Surgery, (2) Personalized Medicine, (3) Robot Surgery, and (4) Ultrasound Guided Regional Anesthesia. Shanghai Cipo Polytechnic School of Health Science & Nursing in Shanghai; Shanghai Jiaotong University affiliated Sixth Hospital; Zhejiang Chinese Medical University affiliated Provincial Hospital of TCM; and Harbin Medical University Fourth Affiliated Hospital. May 12-23, 2010.
 98. Health Care in China. OSUMC Global Health Education Program, Metro High School, Columbus, Ohio, April 28, 2010
 99. OB Anesthesia complication 1. Invited Speaker in the 2010 Annual Conference of Chinese Society of Anesthesiologists. Dalian. April 23-25, 2010.
 100. Clinical Application of Opioids. Invited Speaker in the Symposium of Clinical Anesthesia organized by Tianjin Society of Anesthesiology, Tianjin, April 17, 2010; Changchun Society of Anesthesiology, Changchun, Jilin, April 18, 2010; Harbin Society of Anesthesiology, Harbin, April 20, 2010.
 101. Anesthesia and GI Function. Visiting Professor, Seminar speaker. Department of Anesthesiology, Harbor UCLA Medical Center. Los Angeles, California. November 10, 2009.
 102. Anesthetic Consideration of Preeclampsia. Invited Speaker in the 2009 Annual Conference of Chinese Society of Anesthesiology. Shanghai. September 5, 2009
 103. (1) Labor analgesia, (2) Anesthetic considerations of a parturient with coagulopathy. Lecture Tour in China: Suzhou Society of Anesthesiology and Suzhou University in Suzhou on September 4, 2009; Jiangsu Society of Anesthesiology and Nanjing Society of Anesthesiology in Nanjing on September 8, 2009; Shanxi Society of Anesthesiology and Shanxi Medical University in Taiyuan. September 13, 2009.
 104. OB anesthesia in the US. Invited Speaker in the First Shanghai International Forum on Obstetric Anesthesia organized by Women and Children Hospital affiliated with Shanghai Jiaotong University. Shanghai. June 27, 2009
 105. Update of OB anesthesia in the US. Invited Speaker in the International Symposium of Clinical Anesthesia organized by Yunnan Society of Anesthesiology. Kunming. June 20, 2009
 106. (1) Update of labor analgesia in the US, (2) Anesthetic considerations of a parturient with multiple co-existing diseases. Lecture Tour in China: Wenzhou Society of Anesthesiology and Wenzhou Medical College in Wenzhou. June 12 -15, 2009.
 107. (1) Labor analgesia in the US, (2) 2007 ASA Practice Guidelines for Obstetric Anesthesia, (3) Update of obstetrical anesthesia in US, (4) Personalized Medicine. Lecture Tour in China: Xian Jiaotong University Health Science Center in Xian, Wuhan Society of Anesthesiology and Wuhan University Health Science Center in Wuhan, Wenzhou Society of Anesthesiology and Wenzhou Medical College in Wenzhou, Zhejiang Chinese Medical University in Hangzhou, Shanghai Sipo Polytechnic School of Health Science & Nursing in Shanghai. October 20 – November 3, 2008.
 108. Clinical Application of Opioids. Invited Speaker in the Symposium of Clinical Anesthesia organized by Yunnan Society of Anesthesiology. Kunming. October 18, 2008
 109. Labor Analgesia in the US. Invited Speaker in the Second Beijing Symposium of Obstetric Anesthesia organized by Capital Medical University and Beijing Society of Anesthesiology. Beijing. October 10-14, 2008
 110. Anesthetic considerations for parturients with cardiac diseases. Invited Speaker at the annual conference of Chinese Society of Cardiovascular and thoracic Anesthesiologists, Hangzhou, China. May 16-19, 2008.
 111. OB Anesthesia Update. Invited Speaker at Zhejiang Anesthesia Symposium organized by Zhejiang Society of Anesthesiology. Hangzhou, China. May 15, 2008.
 112. Practice Guidelines for Acute Pain Management in the Perioperative Setting. Invited Speaker in Dalian Conference of Anesthesiology. Dalian, China. May 10-11, 2008.
 113. (1) Clinical application of opioids, (2) 2007 ASA Practice Guidelines for Obstetric Anesthesia, (3) 2008 update of obstetrical anesthesia in US. Lecture Tour in China: Chinese Society of Anesthesiology Shanghai Branch in Shanghai, Dalian Medical University and Chinese Society of Anesthesiology Dalian Branch in Dalian, Zhejiang University College of Medicine and Chinese Society of Anesthesiology Zhejiang Branch in Hangzhou, May 6-19, 2008.
 114. (1) 2007 ASA Practice Guidelines for Obstetric Anesthesia, (2) Chronic adhesive arachnoiditis, (3) Anesthetic consideration for OB patients with thrombocytopenia, (4) Anesthetic consideration for patients with Pre-eclampsia, (5) Regional anesthesia, (6) Current controversies in OB anesthesia, and (7) 2007 update of obstetrical anesthesia in US. Lecture Tour in China: Chinese Society of Anesthesiology Yichang Branch in Yichang, China Three Gorges University in Yichang, Capital University of Medical Sciences in Beijing, and the Hospital of Obstetrics and Gynecology in Beijing, September 6 - September 21, 2007.
 115. What Is New in 2007 ASA Practice Guidelines for Obstetric Anesthesia. Invited Speaker in Annual Conference of Chinese Society of Anesthesiology. Changsha, China. September 7, 2007.

116. Can OB anesthesia result in chronic adhesive arachnoiditis? Invited Speaker to the Special Conference during Celebration of the 50th Anniversary of Wuhan University Zhongnan Hospital, Wuhan, China. November 18, 2006.
117. Chronic adhesive arachnoiditis and regional anesthesia. Seminar Speaker in Xuanwu Hospital, Beijing Capital Medical University, Beijing, China. November 15, 2006.
118. Anesthetic consideration for OB patients with thrombocytopenia and coagulopathy. Invited Speaker in Annual Conference of Chinese Society of Anesthesiology. Zhengzhou, China. September 11, 2006.
119. (1) Rational use of opioids, (2) Practice guideline for obstetrical anesthesia, (3) Anesthetic Consideration for OB Patients with Thrombocytopenia, (4) Anesthetic consideration for patients with Pre-eclampsia, (5) Regional anesthesia, and (6) Obstetrical anesthesia in US. Lecture Tour in China: Chinese Society of Anesthesiology Ningbo Branch in Ningbo, Dalian Medical University Second Affiliated Hospital in Dalian, Zhengzhou University in Zhengzhou, Qinghua University Peking Union Medical College in Beijing, Xian Jiaotong University School of Medicine in Xian, Wuhan University Health Science Center in Wuhan, Wenzhou Medical College in Wenzhou, Zhejiang Chinese Medical University in Hangzhou, and Shanghai Sipo Polytechnic School of Health Science and Nursing in Shanghai, September 1 - September 28, 2006.
120. Activation of the Cholecystokinin-1 Receptor Subtype Attenuates Development of Desensitization of Opioid Receptors in Morphologically-Identified Myenteric S-Type Neurons in Guinea-Pig Small Intestine. AGA Research Forum in Digestive Disease Week. Los Angeles. May 20, 2006.
121. Update of Practice Guideline of OB Anesthesia in US. Invited Speaker in Annual Conference of Chinese Society of Anesthesiology. Guangzhou, China. September 4, 2005.
122. (1) Pre-op evaluation, (2) Pre-op medication, (3) Conscious sedation, (4) Amniotic fluid embolism, (5) Anesthesia and gastrointestinal function, and (6) Obstetrical anesthesia in US. Lecture Tour in China: Peking Union Medical College Hospital in Beijing, Zhejiang University of Traditional Chinese Medicine of in Hangzhou, Ningbo University in Ningbo, Wuhan University in Wuhan, Beijing University Shenzhen Hospital in Shenzhen, Sun Yat-sen University in Guangzhou, Guangzhou Medical University in Guangzhou, and Zhengzhou University in Zhengzhou, August 19 - September 15, 2005.
123. OB Anesthesia Update. Invited Speaker in Fourteenth Annual Region IV Perinatal Conference: "Trends and Interventions in Perinatal Care". Columbus, Ohio. September 13, 2004.
124. Introduction to Labor and Delivery. Invited Speaker in Chinese Student and Scholar Society, The Ohio State University. Columbus, Ohio. July 10, 2004 and September 12, 2004.
125. (1) Anesthesia and Gastrointestinal Function, and (2) Obstetrical Anesthesia in US. Lecture Tour in China: Peking Union Hospital, Chinese Academy of Medicine in Beijing, Wenzhou Medical University in Wenzhou, and Wuhan University in Wuhan, and Wuhan Society of Anesthesiology in Wuhan. July 23-August 10, 2004.
126. Presynaptic μ -Opioid Receptors inhibit Release of Acetylcholine and ATP in Guinea-Pig Small Intestinal Submucosal Plexus. AGA Topic Forum in Digestive Disease Week. New Orleans, Louisiana. May 16, 2004.
127. Medical Pain Management in the Obstetrical Patient. Invited Speaker in RN Competency for Women and Infants. Department of OB/GYN, The Ohio State University, Columbus, Ohio. July 24, 2002, October 23, 2002, and January 28, 2003.
128. Effects of *C. Difficile* Toxin A on Enteric Nervous System. Invited Speaker in The 2001 Hofmann Symposium, Department of Internal Medicine, Mayo Clinic. Rochester, Minnesota. May 15-18, 2001.
129. Effects of Lidocaine Hydrochloride, Carbonated Lidocaine, Diphenhydramine, and Normal Saline after Intradermal Injection. Oral Presentation, ASCCA. Sep. 2000.
130. Parallel vs. Series: How Do I Back up My Oxygenator. The 2000 Midwest Anesthesiology Residents' Conference. Chicago, Illinois. March 17-19, 2000.
131. Effects of Lidocaine Hydrochloride, Carbonated Lidocaine, Diphenhydramine, and Normal Saline after Intradermal Injection. The American Society of Critical Care Anesthesiologists (ASCCA) 12th Annual Meeting. Dallas, Texas. October 8, 1999.
132. Comparison of Effects of Lidocaine Hydrochloride, Carbonated Lidocaine, Diphenhydramine, and Normal Saline after Intradermal Injection. The 1999 Midwest Anesthesiology Residents' Conference. Columbus, Ohio, April 16-18, 1999.
133. Introduction to Acupuncture. Invited Speaker in Ohio State University (Lecture Series: Health for Life). OSU Center for Wellness and Prevention, Columbus, Ohio, June 16, 1998.
134. Lecture Tour in China: Zhejiang Medical Association in Hangzhou, Guangxi Medical Association in Guilin, Tianjing Medical Association in Tianjing, Heilongjiang Medical Association in Harbin, Liaoning Medical Association in Shenyang, Dalian Medical University in Dalian, and Beijing Medical University in Beijing. October 16-31, 1997.
135. Clostridium *Difficile* Toxin A Excites Enteric Neurons and Suppresses Inhibitory Noradrenergic Neurotransmission in Submucous Plexus of Guinea-Pig Small Intestine. Presidential Plenary Presentation at Digestive Disease Week, Washington, D.C., May 1997.
136. A Brief Introduction to Acupuncture. Medical Grant Round at Mount Carmel Medical Center, Columbus, Ohio, June 5, 1997.
137. Lecture Tour in China: Hong Kong University in Hong Kong, Guangdong Medical Association in Guangzhou, Sun Yat-sen University of Medical Sciences in Guangzhou, Jinan University in Guangzhou, Tongji Medical University in Wuhan, Hubei Medical Association in Wuhan, Shanghai Medical Association in Shanghai, Shanxi Medical Association in Xian, Xian Medical University in Xian, Beijing Medical Association in Beijing, Beijing Medical University in Beijing. September 9-29, 1996.
138. Inflammatory Mediators Suppress Inhibitory Neurotransmission in Morphologically Identified Neurons in the Submucous Plexus of the Guinea-Pig Small Intestine. Plenary Session at XV International Symposium on Gastrointestinal Motility, Rome, Italy, November, 1995.
139. Identification of Tachykinin Receptors on Neurons Identified Morphologically in the Myenteric and the Submucous Plexus of Guinea-Pig Small Intestine. AGA Research Forum at Digestive Disease Week, San Diego, CA, May 1995.
140. Action of Tumor Necrosis Factor (TNF) on Electrical and Synaptic Behavior in the Submucous Plexus of Guinea-Pig Small Intestine. AGA Topic Forum at Digestive Disease Week, San Diego, CA, May 1995.
141. Endogenously Released Adenosine Acts at the A₁ Receptor subtype to Suppress Formation of Cyclic AMP in Myenteric Ganglia of Guinea-pig Small intestine *in vitro*. Topic Forum at Digestive Disease Week, New Orleans, LA, May, 1994.
142. Biochemical Basis of Slow Excitatory Postsynaptic Potentials in Enteric Nervous System of Guinea-pig Small Intestine. Oral Presentation at Bennett Research Day, Columbus, OH, March, 1993.

143. Interactions of Inhibitory Adenosine A₁ Receptors, Mediators of Slow Synaptic Excitation (Slow EPSP) and Adenylate Cyclase in the Myenteric Plexus of Guinea-pig Small Intestine. AGA Research Forum at Digestive Disease Week, Boston, Massachusetts, 1993.