

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format on for each person. (See attached sample). **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
Jichang Li		Postgraduate Researcher	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Shanghai Second Military Medical University	M.D.	1981 – 1986	Medicine
Shanghai Second Medical University	Master of Medical Science	1992 – 1995	Medical Science
Shanghai Medical University	Ph.D.	1996 – 1999	Medical Science
Basic Research Division, Department of Anesthesiology, UCLA	Postdoc	1999 – 2002	Molecular and Electrophysiological study of voltage-gated ionic channels
CURE Group, Department of Digestive Disease, UCLA	Postdoc	2002 – Present	Molecular and Electrophysiological study of NMDA receptors

A. Positions and Honors.**Positions and Employment**

1986 – 1988	Residency training, Shanghai Chang Zheng Hospital
1988 – 1992	Postgraduate Researcher, Research and clinical practice in department of Anesthesiology, Shanghai Chang Zheng Hospital
1995 – 1996	Researcher, instructor and attending anesthesiologist, Department of Anesthesiology, Shanghai Chang Zheng Hospital

Honors

1997	Second Prize for paper “Effect of Propofol induced sedation on heart rate variability” in thesis competition of Shanghai Society of Anesthesiologists.
1997	Third Prize for paper “Correlation analysis of BIS, SEF of electroencephalogram with propofol-induced sedation” in thesis competition of Shanghai Society of Anesthesiologists.
1998	Guanghua scholarship award for outstanding achievement student in Shanghai Medical University.
1998	Special grade award for paper “Effect of propofol on intracellular Ca ²⁺ concentration and calcium channel currents in isolated rat ventricular myocytes.” in thesis competition of Chinese Society of Anesthesiologists, Chinese Medical Society.
1998	Second Prize for paper “Correlation analysis of BIS, SEF of electroencephalogram with midazolam-induced sedation” in thesis competition of Chinese Society of Anesthesiologists, Chinese Medical Society.

B. Selected peer-reviewed publications (in chronological order).

1. **Li J**, Xinyuan J, Jiajun M, et al. The influence of hypothermic cardiopulmonary bypass on the neuromuscular blocking potency of atracurium in children. *Chinese Journal of Anesthesiology* 1996;16:447-451.
2. Cheng S, **Li J**, Zhuang X. Effects of epidural anesthesia on heart rate variability. *Anesthesia and Intensive Care* 1997;3:207-209.
3. **Li J**, Zhuang X, Li S. Effects of Etomidate on calcium mobilization in rat isolated myocytes. *Anesthesia and Intensive Care* 1998;4:153-155.

Principal Investigator/Program Director (Last, First, Middle):

4. **Li J**, Zhuang X, Kong N. Correlation analysis of BIS, SEF of electroencephalogram with midazolam-induced sedation. *Chinese Journal of Anesthesiology* 1998;18:141-143.
5. **Li J**, Zhuang X, Li S. Effects of midazolam-induced sedation on heart rate variability. *Chinese Journal of Anesthesiology* 1998;18:388-391.
6. **Li J**, Zhuang X, Li S. Effects of propofol-induced sedation under low-thoracolumbar epidural anesthesia on heart rate variability. *Clinical Journal of Anesthesia* 1999;15:85-87.
7. **Li J**, Zhuang X, Li S. Effects of propofol on intracellular Ca^{2+} mobilization and L-type calcium channel currents in rat isolated cardiac myocytes. *Chinese Journal of Anesthesiology* 1999;19:298-300.
8. **Li J**, Zhuang X, Li S. Effects of midazolam and propofol on electrophysiological properties on isolated rat cardiac myocytes. *Chinese Journal of Anesthesiology* 1999;19:474-476.
9. **Li J**, Zhuang X, Li S. Effects of intravenous anesthetics on intracellular Ca^{2+} mobilization in isolated rat ventricular myocytes. *Chinese Journal of Anesthesiology* 1999;19:550-553.
10. **Li J**, Zhuang X, Li S. Effects of combination of midazolam and propofol induced sedation on heart rate variability. *Clinical Journal of Anesthesia* 2000;16:63-66.
11. **Li J**, Zhuang X, Li S. Clinical Study on anesthesia depth monitoring by combination of BIS, 95%SEF and heart rate variability following co-induction of propofol and midazolam. *Clinical Journal of Anesthesia* 2000;16:167-170.
12. **Li J**, Correa A. Single channel basis for conductance increase induced by isoflurane in *Shaker* H4 IR K^+ channels. *Am J Physiol Cell Physiol* 2001;280:C1130-C1139.
13. **Li J**, Correa A. Kinetic modulation of HERG potassium channels by the volatile anesthetic halothane. *Anesthesiology* 2002;97:921-30.

C. Research Support

Ongoing Research Support

DK58173 Mayer (PI)

05/01/01 – 05/31/06

NIH/NIDDK

Peripheral NMDA Receptors in Visceral Nociception

The goals of this project are: Identification of NMDA receptor on visceral afferent nerve terminals in the colon.

Characterization of subunit composition of these receptors. Characterization of peripheral NMDA receptors in visceral nociception in vivo and in vitro. Electrophysiologic characterization of NMDA receptor/channel properties on isolated DRG neurons.

Role: Post-graduate researcher

Completed Research Support

N/A