

**LI FAN, M.D., Ph.D.**  
**CURRICULUM VITAE**

**EDUCATION**

06/00-06/04: Department of Ob/Gyn, University of Illinois at Chicago, Chicago, Illinois, Resident Physician

01/98 to 05/00: Department of Pediatrics, Cornell University Medical College, NY, NY, Post-doctor Fellowship

09/91 to 02/96: Department of Physiology, McGill University, Montreal, Canada, Ph.D

09/84 to 07/89: Southeastern University School of Medicine, Nanjing, P.R. China, M.D.

**HONORS AND AWARDS**

2005 Junior Faculty Research Development Award-Berlex Foundation

2004 The Society of Laparoendoscopic Surgeons Resident Achievement Award

2004 University of Illinois Department of Ob/Gyn Resident Research 1<sup>st</sup> Place Award

2002 Resident representative to ACOG 50th annual clinic meeting in Los Angeles

1992-1995 McGill University Major Scholarship

1992-1996 McGill University Faculty of Medicine International Scholarship

1992-1996 Royal Victoria Hospital Research Institute Fellowship

1984-1989 Southeastern University School of Medicine Honor Studentship

**CERTIFICATION**

American Board of OB/Gyn Certification

Illinois State Medical Board Physician License

**ACADEMIC SOCIETY MEMBERSHIP**

American College of Obstetric and Gynecology

American Association of Gynecologic Laparoscopists

American Medical Association

**PROFESSIONAL EXPERIENCE**

01/06-present Physician, West Suburban Ob/Gyn Ltd, Lombard, Illinois. Privileged at Good Samaritan Hospital, Downers Grove, Illinois.

08/04-11/05 Attending Physician, Clinical Assistant Professor, Department of Ob/Gyn, University of Illinois at Chicago, Chicago, Illinois.

06/00-06/04 Resident Physician, Department of Ob/Gyn, University of Illinois at Chicago, Chicago, Illinois.

01/98-05/00 Research Associate, division of Pediatric Cardiology, Department of Pediatrics, New York Hospital - Cornell Medical College, New York.

06/96-12/97 Family Leave

09/91-05/96 Research Assistant, Teaching Assistant, Department of Physiology and Department of Ob/Gyn, McGill University, Montreal, Canada.

## **PREVIOUS RESEARCH INTERESTS**

### Cardiovascular Research:

1. Neural and endocrine regulation of blood pressure at integrate level as well as at cellular level in pregnancy, understanding the pathophysiology of preeclampsia.
2. Effect of anti-arrhythmic drug on cardiac development, cardiac function and sudden fetal death, using chick embryo models.

## **PREVIOUS RESEARCH FINDINGS**

1. The renal sympathetic nervous system is necessary in control of renin secretion.
2. The ANP increase by AngII is caused exclusively by increase of blood pressure in pregnancy.
3. ANP receptor is down-regulated in the kidney by ANP and AngII infusion.
4. Ventricular preexcitation through accessory pathway is present in late stage chick embryos.
5. Anti-arrhythmic drug causes decreased heart rate and disappearance of accessory pathway and A-V block in chick embryonic heart.

## **AREAS OF CLINICAL INTEREST**

1. Abnormal uterine bleeding
2. Adolescent and pediatric gynecology
3. Contraception
4. Menopausal care
5. Urinary incontinence and pelvic prolapse
6. Gynecological cancer screening
7. Infertility
8. Obstetric care (low risk and high risk pregnancy)

## **SURGICAL EXPERIENCE**

1. General obstetric and gynecological procedures
2. Operative laparoscopy
3. Operative hysteroscopy
4. Hysteroscopic ESSURE procedure
5. Colposcopy
6. Evaluation and treatment of urinary incontinence and pelvic organ prolapse
7. Obstetric and Gynecologic ultrasound

## **LANGUAGE SKILLS**

Fluent in English and Mandarin Chinese, limited medical Spanish.

## **HOBBIES**

Swimming, traveling, reading and playing with my children.

## **PUBLICATIONS**

1. **L. Fan**, M. Ovidia, D.M. Friedman, A.B. Rifkind. Ventricular preexcitation sensitive to flecainide in late stage embryo ECGs: 2, 3, 7, 8-tetrachlorodibenzo-p-doxin impairs inotropic but not chronotropic or dromotropic responses to isoproterenol and confers resistance to flecainide. *Toxicology & Applied Pharmacology*. 166(1): 43-50, 2000.
2. **L. Fan**, Danesh Jeveshghani, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr..Enhanced natriuretic response to intrarenal infusion of atrial natriuretic factor (ANF) during ovine pregnancy. *American Journal of Physiology*, 270: R1132-1140, 1996.
3. D. Javeshghani, S. Mukaddam-Daher, **L. Fan**, Z. Guan, J. Gutkowska, B.S. Nuwayhid, E. W. Quillen, Jr.. Control of atrial natriuretic factor by right and left atrial distension in pregnant sheep. *American Journal of Physiology*. 268: R1411-1417, 1995.
4. **L. Fan**, D. Javeshghani, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr.. Effects of angiotensin II on plasma atrial natriuretic factor in nonpregnant and pregnant ewes. *Canadian Journal of Physiology and Pharmacology*. 73: 644-650, 1995.
5. **L. Fan**, D. Archambault, S. Chavez, A. W. Aljabari, E. W. Quillen, Jr..Influences of renal nerves and pregnancy on renin secretion in sheep. *American Journal of Physiology*, 266: R668-673, 1994.
6. **L. Fan**, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr.. Renal perfusion pressure and renin secretion in bilaterally renal denervated sheep. *Canadian Journal of Physiology and Pharmacology*, 72: 782-787, 1994.
7. **L. Fan**, D. Friedman, S. Kilpatrick, M. Ovidia. Cocaine effect on chick embryo heart: identification of a novel mechanism of fetal and embryonic lethality. *Am J of Obs/Gyn*, 2004, submitted.

#### **ABSTRACTS AND PRESENTATIONS**

1. **L. Fan**, D. Friedman, S. Kilpatrick, M. Ovidia. Cocaine effect on chick embryo heart: identification of a novel mechanism of fetal and embryonic lethality. Society for Maternal Fetal medicine conference, New Orleans, 2004 (poster).
2. **L. Fan**, D.M. Friedman, A. Quyyumi, M. Fisher, L. Krilov, M. Ovidia, Delayed orthostatic hypotension in pediatric chronic fatigue syndrome: beta-blocked exacerbation and alpha, beta-sympathomimetic pharmacotherapy, *Am. College of Cardiology annual meeting*, March , 2000, Aneiham, CA (abstract).
3. **L. Fan**, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr.. Effects of chronic intrarenal infusion of AngII and ANF and their interactions on ANF receptors in the ovine. *11th Conference of Inter-American Society of Hypertension*, Montreal, Canada, 1995 (abstract).

4. **L. Fan**, D. Javeshghani, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr..Enhanced natriuretic response to intrarenal infusion of atrial natriuretic factor (ANF) during ovine pregnancy. *41th Conference of Society for Gynecologic Investigation*, Chicago, 1994 (abstract).
5. **L. Fan**, D. Archambault, S. Chavez, A. W. Aljabari, E. W. Quillen, Jr..Influences of renal nerves and pregnancy on renin secretion in sheep. *40th Conference of Society for Gynecologic Investigation*, Toronto, Canada, 1993 (abstract).
6. **L. Fan**, D. Javeshghani, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr.. Natriuretic and diuretic actions of ANF and urodilatin during ovine pregnancy. *17th Annual Ontario-Quebec Perinatal Investigators Meeting*, Kingston, Canada, 1994 (presentation).
7. **L. Fan**, D. Javeshghani, S. Mukaddam-Daher, J. Gutkowska, B. S. Nuwayhid, E. W. Quillen, Jr.. Natriuretic and diuretic actions of ANF and urodilatin during ovine pregnancy. *16th Annual Ontario-Quebec Perinatal Investigators Meeting*, Kingston, Canada, 1993 (abstract).
8. **L. Fan**, D. Archambault, S. Chavez, A. W. Aljabari, E. W. Quillen, Jr.. Role of renal nerves and pregnancy on renin secretion in sheep. *Nephrology Conference*, Dartmouth University, New Hampshire, 1992 (presentation).