

**MEDICAL TRAINING AND DEGREE SUMMARY:**

**Doctor of Philosophy (Ph.D.)** received June 2011

**University of California at Los Angeles**, David Geffen School of Medicine, Department of Neuroscience, Interdepartmental Program – Los Angeles, CA.

Advisor: Paul Micevych, Ph.D.

**Fellowship in Reproductive Endocrinology and Infertility** completed June 2007.

**University of California at Los Angeles/Cedars-Sinai Medical Center**, David Geffen School of Medicine, Department of Obstetrics and Gynecology – Los Angeles, CA.

**Internship / Residency in Obstetrics and Gynecology** completed June 2004.

**University of California at Los Angeles**, David Geffen School of Medicine, Department of Obstetrics and Gynecology – Los Angeles, CA.

**Doctor of Medicine (M.D.)** received May 2000.

**University of Southern California**, Keck School of Medicine – Los Angeles, CA.

**Bachelor of Science (B.S.)** with Academic Honors (top 10%) received May 1993.

**Columbia University**, School of Engineering and Applied Science – New York, NY.

Major: Applied Mathematics

Graduated #1 in the Applied Mathematics Department.

**High School Diploma** with Honors received June 1989.

**Arlington High School** – LaGrangeville, NY.

**MEDICAL BOARD CERTIFICATIONS:**

Reproductive Endocrinology and Infertility board certified by The American Board of Obstetrics and Gynecology since April 2012.

- Reproductive Endocrinology and Infertility written board examination passed June 2007.
- Reproductive Endocrinology and Infertility oral board examination passed April 2012.

Obstetrics and Gynecology board certified by The American Board of Obstetrics and Gynecology since November 2005.

- Obstetrics and Gynecology written board examination passed June 2004.
- Obstetrics and Gynecology oral board examination passed November 2005.

California State Medical License since June 2002.

- United States Medical Licensing Examination (USMLE) Step 1 passed in October 1997.
- United States Medical Licensing Examination (USMLE) Step 2 passed in February 2000.
- United States Medical Licensing Examination (USMLE) Step 3 passed in February 2001.

**OUTSTANDING PHYSICIAN AWARDS / HONORS:**

2020 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Times – Top 5% of doctors by peer nomination and blue ribbon panel review

2019 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2019 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Times  
 – Top 5% of doctors by peer nomination and blue ribbon panel review

2019 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2019 Beverly Hills Small Business Excellence Award, Fertility category – for excellent customer service

2019 America’s Most Honored Professionals, American Registry – Top 1%

2019 Leading Physicians of the World – Top Fertility & IVF Specialist, International Association of Obstetrics & Gynecology

2019 Los Angeles Magazine's Top Doctors, Reproductive Endocrinology and Infertility – selected by doctors in Los Angeles County, April 2019

2019 Pasadena Magazine's Top Doctors, Reproductive Endocrinology, September 2019

2019 Distinguished Doctor, Reproductive Endocrinology and Infertility, Expert Network – Top 3% of doctors in the nation

2019 On-Time Doctor Award – Shortest Patient Wait Times, Vitals.com

2019 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2019

2019 Patients’ Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2019

2019 Patient Preferred Physicians, Fertility Specialist – for exceptional care to their patients

2018 America’s Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2018 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Times  
 – Top 5% of doctors by peer nomination and blue ribbon panel review

2018 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2018 Beverly Hills Small Business Excellence Award, Fertility category – for excellent customer service

2018 America’s Most Honored Professionals, American Registry – Top 1%

2018 Leading Physicians of the World – Top Fertility & IVF Specialist, International Association of Obstetrics & Gynecology

2018 Los Angeles Magazine's Top Doctors, Reproductive Endocrinology and Infertility – selected by doctors in Los Angeles County, April 2018

2018 Pasadena Magazine's Top Doctors, Reproductive Endocrinology, September 2018

2018 Distinguished Doctor, Reproductive Endocrinology and Infertility, Expert Network – Top 3% of doctors in the nation

2018 On-Time Doctor Award – Shortest Patient Wait Times, Vitals.com

2018 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2018

2018 Patients’ Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2018

2018 Patient Preferred Physicians, Fertility Specialist – for exceptional care to their patients

2017 America’s Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2017 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2017

2017 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2017 America’s Most Honored Professionals, American Registry – Top 1%

2017 Leading Physicians of the World – Top Fertility & IVF Specialist, International Association of Obstetrics & Gynecology

2017 Distinguished Doctor, Reproductive Endocrinology and Infertility, Expert Network – Top 3% of doctors in the nation

2017 On-Time Doctor Award – Shortest Patient Wait Times, Vitals.com

2017 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2017

2017 Patients' Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2017

2016 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2016 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2016

2016 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2016 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2016 America's Most Honored Professionals, American Registry – Top 5%

2016 Leading Physicians of the World – Top Fertility & IVF Specialist, International Association of Obstetrics & Gynecology

2016 On-Time Doctor Award – Shortest Patient Wait Times, Vitals.com

2016 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2016

2016 Patients' Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2016

2015 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2015 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2015

2015 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2015 On-Time Doctor Award – Shortest Patient Wait Times, Vitals.com

2015 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2015

2015 Patients' Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2015

2015 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2015 Hollywood's Top Doctors, Reproductive Endocrinology and Infertility, The Hollywood Reporter, September 2015

2014 Top 10 Doctor, Vitals.com – Top 10 Infertility doctor in California and Top 1% of U.S. doctors in 2014

2014 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2014 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2014

2014 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2014 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2014

2014 Best of Beverly Hills Award, Infertility-IVF Physician, Beverly Hills Award Program

2014 Hollywood's Top Doctors, Reproductive Endocrinology and Infertility, The Hollywood Reporter, September 2014

2014 10 Years of Service to the Patient Community, Vitals.com – A recognition for the most dedicated physician

2013 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2013 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2013

2013 Los Angeles' Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2013 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2013 Patients' Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2013

2013 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2013

2013 Peer Reviewed Physicians Award, Reproductive Endocrinology and Infertility, Peer Reviewed Professionals – based on national recognition, continuing education, board affiliations, and ratings from consumer organizations

2012 America's Top Doctors, Reproductive Endocrinology and Infertility, Castle Connolly Medical Ltd., U.S. News & World Report

2012 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2012

2012 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2012 Superb Doctor - Rated 10 out of 10, Reproductive Endocrinology and Infertility, Avvo Inc.

2012 Patients' Choice Award, Rated and Awarded by Patients, Vitals.com – Top 5% of doctors were accorded this honor by their patients in 2012

2012 Most Compassionate Doctor, Vitals.com – Top 3% of doctors were accorded this honor by their patients in 2012

2012 Patients' Choice Award, Avvo Inc.

2011 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2011

2011 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2011 Superb Doctor - Rated 10 out of 10, Reproductive Endocrinology and Infertility, Avvo Inc.

2010 Southern California Super Doctors, Reproductive Endocrinology and Infertility, Los Angeles Magazine – Top 5% of doctors by peer nomination and blue ribbon panel review, January 2010

2010 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

2009 Guide to America's Top Obstetricians and Gynecologists, Reproductive Endocrinology and Infertility, Consumer's Research Council of America

Genesis Travel Fellowship to Pacific Coast Reproductive Society Annual Meeting, May 2005

Genesis Travel Fellowship to Pacific Coast Reproductive Society Annual Meeting, April 2004

UCLA Specialty Training and Advanced Research Awardee, February 2004

Ortho-McNeil Pharmaceutical Award – Best Ob/Gyn senior resident research paper, June 2003

Organon Resident Research Award for Outstanding Research in Women's Health, June 2003

Steven M. Abbey Memorial Prize – Awarded to the top graduating senior in Applied Mathematics, May 1993

Columbia University Bronze Distinguished Key for service to the school and community, May 1993

Tau Beta Pi – The National Engineering Honors Society May 1993

Columbia University Dean's List, 6 out of 8 semesters, 1989-1993

New York State Regents Scholarship Award, 1989

## **RESEARCH GRANTS:**

Bayer-NICHD Scholar of the Reproductive Scientist Development Program (RSDP), National Institutes of Health (NIH) K12 Award, 5-K12-HD000849-24, and Bayer HealthCare Pharmaceuticals 15462-01, July 2010 to June 2012

NICHD Women's Reproductive Health Research (WRHR) Career Development Program, National Institutes of Health (NIH) K12 Award, 5-K12-HD001281, July 2007 to June 2010

**PROFESSIONAL EXPERIENCES:**

**Assistant Clinical Professor Voluntary**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (October 2014 – present)

**Medical Director and CEO**, IVF Fertility Center, Beverly Hills, CA (October 2013 – present)  
Founder, CEO, and medical director of a successful fertility medical center.

**Assistant Professor**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2011 – October 2014)  
Reproductive Endocrinology and Ob/Gyn attending in UCLA Ob/Gyn residency and fellowship training programs.

**Director of Kuo Research Laboratory**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2011 – Oct. 2013)  
Principal research investigator for the Kuo Laboratory at the UCLA Brain Research Institute.

**Oncofertility Director**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (Jan. 2011 – Oct. 2013)  
Director for UCLA fertility preservation services for adult, adolescent, and pediatric oncology patients.

**UCLA-Livestrong Survivorship Coordinator for Oncofertility Options**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (Jan. 2011 – Oct. 2013)  
Advisor and coordinator for UCLA fertility preservation services to the Adult and Pediatric Oncology Divisions.

**Physician Scientist in the Reproductive Scientist Development Program (RSDP) co-sponsored by the National Institutes of Health (NIH) and Bayer HealthCare Pharmaceuticals**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2010 – June 2012)  
Junior investigator in Dr. Paul Micevych's neuroendocrinology laboratory and funded by the RSDP award.

**Clinical Instructor**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2007 – June 2011)  
Reproductive Endocrinology and Ob/Gyn attending in UCLA Ob/Gyn residency and fellowship training programs.

**Graduate Researcher**, UCLA Dept. of Neurobiology, Los Angeles, CA (Aug. 2006 – June 2011)  
Research in Dr. Paul Micevych's neuroendocrinology laboratory as part of the UCLA Neuroscience Ph.D. program.

**Peer Reviewer** for Fertility and Sterility, Los Angeles, CA (July 2004 – July 2007)

**Physician Scientist in the Women's Reproductive Health Research (WRHR) Career Development Program**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2007 – June 2010)  
Junior investigator in Dr. Paul Micevych's neuroendocrinology laboratory and funded by the WRHR award.

**Consulting Specialist**, Olive View-UCLA Medical Center, Dept. of Ob/Gyn, Sylmar, CA (Feb. 2005 – Dec. 2009)  
Ob/Gyn attending at this UCLA-affiliated Ob/Gyn residency training hospital.

**Fellowship in Reproductive Endocrinology and Infertility**, UCLA Medical Center/Cedars-Sinai Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (July 2004 – June 2007)

**Graduate Researcher**, UCLA Dept. of Neurobiology, Los Angeles, CA (Jan. 2006 – Aug. 2006)  
Research in Dr. Alcino Silva's cognition and memory laboratory as part of the UCLA Neuroscience Ph.D. program.

**Residency in Obstetrics and Gynecology**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (June 2001 – June 2004)

**Internship in Obstetrics and Gynecology**, UCLA Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (June 2000 – June 2001)

**Research Assistant**, LAC + USC Medical Center, Dept. of Ob/Gyn, Los Angeles, CA (Oct. 1997 – June 1998)

Performed human chorionic gonadotropin, human sex hormone-binding globulin, and progesterone assays in Dr. Daniel Mishell, Jr.'s research laboratory.

**Financial and Marketing Manager**, Network DataComm Services, Milpitas, CA (June 1993 – Aug. 1995)

**Emergency Medical Technician**, Columbia Area Volunteer Ambulance, Columbia Univ., New York, NY (Sept. 1990 – May 1993) Total of 1100 hours.

**Phlebotomist**, Saint Francis Hospital, Poughkeepsie, NY (June 1990 – Aug. 1991)  
Phlebotomist and laboratory technician in the Chemistry & Histology Departments.

**Hospital Volunteer**, Saint Francis Hospital, Poughkeepsie, NY (June 1987 – June 1990)

## **RESEARCH PUBLICATIONS:**

Chen C, **Kuo J**, Wong A, Micevych P. Estradiol modulates translocator protein (TSPO) and steroid acute regulatory protein (StAR) via protein kinase A (PKA) signaling in hypothalamic astrocytes. *Endocrinology*. 2014 Aug;155(8):2976-2985.

Dominguez R, Dewing P, **Kuo J**, Micevych P. Membrane-initiated estradiol signaling in immortalized hypothalamic N-38 neurons. *Steroids*. 2013 Jun;78(6):607-613.

**Kuo J**, Micevych P. Neurosteroids, trigger of the LH surge. *The Journal of Steroid Biochemistry and Molecular Biology*. 2012 Aug;131(1-2):57-65.

**Kuo J**, Hamid N, Bondar G, Dewing P, Clarkson J, Micevych P. Sex differences in hypothalamic astrocyte response to estradiol stimulation. *Biology of Sex Differences*. 2010 Nov 22;1(1):7(1-9).

**Kuo J**, Hamid N, Bondar G, Prossnitz ER, Micevych P. Membrane estrogen receptors stimulate intracellular calcium release and progesterone synthesis in hypothalamic astrocytes. *The Journal of Neuroscience*. 2010 Sept 29; 30(39):12950-12957.

Micevych P, Bondar G, **Kuo J**. Estrogen actions on neuroendocrine glia. *Neuroendocrinology*. 2010 Jun;91(3):211-222.

Bondar G, **Kuo J**, Hamid N, Micevych P. Estradiol-induced estrogen receptor- $\alpha$  trafficking. *The Journal of Neuroscience*. 2009 Dec 2;29(48):15323-15330.

**Kuo J**, Hariri OR, Micevych P. An interaction of oxytocin receptors with metabotropic glutamate receptors in hypothalamic astrocytes. *Journal of Neuroendocrinology*. 2009 Dec;21(12):1001-1006.

Micevych P, **Kuo J**, Christensen A. Physiology of membrane oestrogen receptor signaling in reproduction. *Journal of Neuroendocrinology*. 2009 Mar;21(4):249-256.

**Kuo J**, Hariri OR, Bondar G, Ogi J, Micevych P. Membrane estrogen receptor-alpha interacts with metabotropic glutamate receptor 1a to mobilize intracellular calcium in hypothalamic astrocytes. *Endocrinology*. 2009 Mar;150(3):1369-1376.

Jain JK, **Kuo J**. Pregnancy outcomes with increased clomiphene citrate dose. *Gynecological Endocrinology*. 2004 Sept;19(3):141-145.

Jain JK, Nicosia AF, Nucatola DL, Lu JJ, **Kuo J**, Felix JC. Mifepristone for the prevention of breakthrough bleeding in new starters of depo-medroxyprogesterone acetate. *Steroids*. 2003 Nov;68(10-13):1115-1119.

Fassett MJ, Bohn Y, **Kuo J**, Wing DA. Longitudinal evaluation of activated protein C resistance among normal pregnancies of Hispanic women. *American Journal of Obstetrics & Gynecology*. 2000 Jun;182(6):1433-1436.

Jain JK, **Kuo J**, Mishell DR Jr. A comparison of two dosing regimens of intravaginal misoprostol for second-trimester pregnancy termination. *Obstetrics & Gynecology*. 1999 Apr;93(4):571-575.

#### **Ph.D. DISSERTATION:**

**Kuo J**. Membrane estrogen receptor-alpha interacts with metabotropic glutamate receptor 1a to stimulate intracellular calcium release and progesterone synthesis in female hypothalamic astrocytes. University of California at Los Angeles. May 25, 2011.

#### **BOOK CHAPTERS:**

**Kuo J**. Case #7 - Hypothyroidism; Case #12 - Contraception: Depo-Provera; and Case #16 - Menopause: Osteoporosis Prevention and Treatment. In: Azziz R, ed. *McGraw-Hill Specialty Review: Obstetrics and Gynecology: Cases, Questions, and Answers*. New York, NY: McGraw-Hill, 2007.

Rapkin AJ, **Kuo J**. Neurotransmitter Physiology: The Basics for Understanding Premenstrual Syndrome. In: O'Brien PMS, Rapkin AJ, Schmidt PJ, eds. *The Premenstrual Syndromes: PMS and PMDD*. Boca Raton, FL: Taylor & Francis, 2007.

#### **ABSTRACTS AT NATIONAL AND INTERNATIONAL SCIENTIFIC CONFERENCES:**

##### Oral Presentations:

Micevych P, **Kuo J**. Astrocyte steroidogenesis and estrogen positive feedback on GnRH neurons. Oral presentation at the 2012 Federation of American Societies for Experimental Biology Science Research Conferences: Integration of Genomic and Non-Genomic Steroid Receptor Actions, July 29 - August 3, 2012, Snowmass Village, Colorado.

**Kuo J**, Hamid N, Bondar G, Micevych P. Membrane ER $\alpha$  interacts with mGluR1a to stimulate progesterone synthesis in hypothalamic astrocytes. Oral presentation at the 58th Annual Meeting of the Society for Gynecological Investigation, Mar. 16-19, 2011, Miami Beach, Florida.

Micevych P, Bondar G, **Kuo J**, Dominguez R. Estradiol regulation of membrane estrogen receptor and its role in reproduction. Oral presentation at the 5th International Meeting of Steroids and Nervous System, Feb. 13-18, 2009, Torino, Italy.

Micevych P, Christensen A, Hamid N, **Kuo J**. Physiology of membrane estrogen receptor signaling. Oral presentation at the US/Japan Neurosteroid Symposium 2008, Sept. 8-11, 2008, Gifu, Japan.

**Kuo J**, Hariri OR, Bondar G, Ogi J, Shung MS, Micevych PE. Membrane estradiol receptors interact with metabotropic glutamate receptors in hypothalamic astrocytes. Oral presentation at the 55th Annual Meeting of the Society for Gynecological Investigation, Mar. 26-29, 2008, San Diego, California.

Jain JK, **Kuo J**, Nicosia AF, Dutton C, Lu J, Felix JC, Paulson RJ. A prospective, randomized, placebo-controlled trial of mifepristone for the prevention of breakthrough bleeding in new starters of depo-medroxyprogesterone acetate (DMPA). Oral presentation at the 2<sup>nd</sup> International Symposium on Progestins, Progesterone Receptor Modulators and Progesterone Antagonists, Nov. 20-23, 2002, Siena, Italy.

Fassett MJ, Bohn Y, **Kuo J**, Wing DA. Assessment of activated protein C resistance throughout the course of normal pregnancy. Oral presentation at the 66<sup>th</sup> Annual Meeting of the Pacific Coast Obstetrical and Gynecological Society, Oct. 20-24, 1999, Cancun, Mexico.

Jain JK, **Kuo J**, Gentzschlein E, Paulson RJ. Vascular endothelial growth factor (VEGF) during early pregnancy is not principally a product of the corpus luteum. Oral presentation at the 46<sup>th</sup> Annual Meeting of the Pacific Coast Fertility Society, Apr. 22-26, 1998, Indian Wells, California.

#### Poster Presentations:

**Kuo J**, Chen C, Micevych P. Estradiol Membrane Signaling Modulates the Translocator Protein (TSPO) via Protein Kinase A (PKA) in Hypothalamic Astrocytes. Poster presentation at the 43th Annual Meeting of the Society for Neuroscience, Nov. 9-13, 2013, San Diego, California.

**Kuo J**, Chen C, Micevych P. Estradiol signaling regulates de novo progesterone synthesis in hypothalamic astrocytes. Poster presentation at the 42th Annual Meeting of the Society for Neuroscience, Oct. 13-17, 2012, New Orleans, Louisiana.

**Kuo J**, Hamid N, Bondar G, Micevych P. Sex differences in astrocytic response to estradiol stimulation. Poster presentation at the 40<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 13-17, 2010, San Diego, California.

Micevych P, Dominguez R, Dewing P, **Kuo J**. Membrane initiated estradiol signaling in immortalized hypothalamic neurons. Poster presentation at the 40<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 13-17, 2010, San Diego, California.

**Kuo J**, Hamid N, Bondar G, Micevych P. Estradiol-induced progesterone synthesis in hypothalamic astrocytes requires rapid interaction between membrane ER $\alpha$  and mGluR1a. Poster presentation at the 39<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 17-21, 2009, Chicago, Illinois.

Bondar G, **Kuo J**, Hamid N, Micevych P. Estradiol-induced estrogen receptor- $\alpha$  trafficking. Poster presentation at the 39<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 17-21, 2009, Chicago, Illinois.



Dominguez R, **Kuo J**, Christensen A, Micevych P. Estradiol regulates levels of membrane ER $\alpha$  in hypothalamic neurons. Poster presentation at the 39<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 17-21, 2009, Chicago, Illinois.

**Kuo J**, Hamid N, Bondar G, Micevych PE. Membrane estradiol receptors interact with metabotropic glutamate receptors to induce progesterone synthesis in hypothalamic astrocytes. Poster presentation at the 38<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 15-19, 2008, Washington, D.C.

**Kuo J**, Hariri OR, Bondar G, Ogi J, Shung MS, Micevych PE. Membrane estradiol receptors interact with metabotropic glutamate receptors in hypothalamic astrocytes. Poster presentation at the 2008 NIH/NICHD Women's Reproductive Health Research Symposium, Jun. 1-3, 2008, Rochester, New York.

Hariri OR, Bondar G, **Kuo J**, Micevych PE. Estradiol Mobilization of Intracellular Calcium in Hypothalamic Astrocytes Requires ER $\alpha$  and mGluR1a Interaction. Poster presentation at the 37<sup>th</sup> Annual Meeting of the Society for Neuroscience, Nov. 3-7, 2007, San Diego, California.

Trivax BS, Huang A, Manipalviratn S, **Kuo J**, DeCherney AH, Wu TJ. The relationship of luteal phase progesterone levels and pregnancy outcomes in in-vitro fertilization-embryo transfer (IVF-ET) cycles. Poster presentation at the 62<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine, Oct. 21-25, 2006, New Orleans, Louisiana.

Huang A, Trivax B, Manipalviratn S, **Kuo J**, Wu TCJ. Days of stimulation in in-vitro fertilization embryo transfer (IVF-ET) cycles and its relationship with pregnancy outcomes. Poster presentation at the 54<sup>th</sup> Annual Meeting of the Pacific Coast Reproductive Society, Apr. 26-30, 2006, Indian Wells, California.

Huang A, Trivax BS, **Kuo J**, Manipalviratn S, DeCherney AH, Wu TCJ. The relationship of luteal phase estradiol levels between pregnancy outcomes with in vitro fertilization-embryo transfer cycles. Poster presentation at the 2006 Annual Scientific Meeting of the Society for Gynecologic Investigation, Mar. 22-25, 2006, Toronto, Ontario, Canada.

**Kuo J**, Patel N, Sarajari S, Wu TC, DeCherney AH. Single beta-human chorionic gonadotropin value as a predictor of pregnancy outcome for In-Vitro Fertilization cycles. Poster presentation at the conjoint meeting of the 61<sup>st</sup> Annual Meeting of the American Society for Reproductive Medicine and the 51<sup>st</sup> Annual Meeting of the Canadian Fertility and Andrology Society, Oct. 15-19, 2005, Montreal, Quebec, Canada.

**Kuo J**, Kumar A, DeCherney AH, Azziz R. Are patients with idiopathic hirsutism insulin resistant?: Comparing women with idiopathic hirsutism to body mass index-matched patients with polycystic ovary syndrome and controls. Poster presentation at the 60<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, Oct. 16-20, 2004, Philadelphia, Pennsylvania.

Jain JK, **Kuo J**, Gentschein E, Paulson RJ. The ovarian and placental contribution to circulating levels of vascular endothelial growth factor (VEGF) in stimulated cycles and early pregnancy. Poster presentation at the joint meeting of the 16<sup>th</sup> World Congress on Fertility and Sterility and the 54<sup>th</sup> Annual Meeting of the American Society for Reproductive Medicine, IFFS'98, Oct. 4-9, 1998, San Francisco, California.

## TEACHING / LECTURES / PRESENTATIONS:

Grand Rounds:

- UCLA Medical Center, Department of Obstetrics and Gynecology, “Oncofertility: fertility preservation options for cancer patients.” – 6/29/12
- UCLA Medical Center, Department of Obstetrics and Gynecology, “Infertility: Evaluation and Treatment Options.” – 2/24/12
- Cedars-Sinai Medical Center, Department of Obstetrics and Gynecology, “Interaction of membrane estradiol receptors with metabotropic glutamate receptors.” – 8/8/07

UCLA Ob/Gyn Residency and REI Fellowship Professor:

- REI Fellowship, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, “Oncofertility: fertility preservation options for cancer patients” – 11/10/14
- REI Fellowship, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, “Neuroendocrinology” – 4/29/13
- REI Fellowship, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, “Neuroendocrinology, Part I” – 10/24/11
- REI Fellowship, Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology and Infertility, “Neuroendocrinology, Part II” – 11/21/11
- Ob/Gyn Residency, Department of Obstetrics and Gynecology, “Galactorrhea/Hyperprolactinemia” – 10/28/11

UCLA Medical School Professor:

- Ob/Gyn Clerkship, Department of Obstetrics and Gynecology, “Infertility and Menopause” – 1/16/08, 3/11/08, 2/22/11, 6/21/11, 7/28/11, 9/8/11, 10/20/11, 11/17/11, 2/10/12, 2/28/12, 5/17/12, 6/25/12, 8/10/12, 9/13/12, 11/1/12, 12/14/12, 2/12/13, 5/14/13, 6/21/13, 9/5/13, 10/17/13, 1/30/14, 3/13/14, 5/1/14, 6/26/14, 8/7/14, 10/23/14, 3/5/15, 8/5/15
- Ob/Gyn Clerkship, Department of Obstetrics and Gynecology, “History, Examination, Pap Smear and Cultures, Personal Interaction and Communication Skills, Preventive Care and Health Maintenance, and Diagnosis and Management Plan” – 7/13/07

UCLA Graduate School Professor:

- Neurobiology M227 (Neuroendocrinology of Reproduction), “Reproductive Senescence in Women: Follicular Reserve, Perimenopause, and Menopause” (2 hours) – 3/7/08, 3/1/10, 2/27/12

Invited Clinical Speaker:

- The Simms/Mann – UCLA Center for Integrative Oncology, Insights Into Cancer 2013, “Parenthood after cancer diagnosis: fertility options from diagnosis to survivorship.” – 4/9/13
- UCLA Medical Center, Department of Clinical Social Work, continuing education course for 1.5 credits, “The Oncofertility Patient Conversation: Important and Urgent.” – 4/3/13
- UCLA Medical Center, Department of Pediatrics, Division of Hematology and Oncology Conference, “Fertility Preservation and Assisted Reproduction.” – 2/1/11

Community Education:

- UCLA Fertility and Reproductive Health Center, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, In Vitro Fertilization Class at UCLA: “The Couple’s Guide to IVF.” – 1/26/11, 4/6/11, 6/8/11, 7/13/11, 8/24/11, 10/26/11, 2/8/12, 4/25/12, 6/27/12, 8/8/12, 11/14/12, 11/28/12, 12/12/12, 2/13/13, 5/8/13
- UCLA Fertility and Reproductive Health Center, Division of Reproductive Endocrinology and Infertility, Department of Obstetrics and Gynecology, In Vitro Fertilization Class at UCLA: “The Couple’s Guide to IVF.” Video recording for public internet online viewing – 11/14/12

Invited Research Speaker:

- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane estrogen receptor signaling in estrogen positive feedback.” – 6/14/13
- UCLA Medical Center, Department of Obstetrics and Gynecology, Distinguished Scientists Day, “The role of membrane-associated estrogen receptor in estrogen positive feedback.” – 2/8/13
- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane estrogen receptor-alpha signaling in hypothalamic astrocytes.” – 6/15/12
- UCLA Medical Center, Women’s Reproductive Health Research Center and Department of Obstetrics and Gynecology, Research Presentation, “The role of membrane-associated estrogen receptor-alpha in estrogen positive feedback.” – 1/27/12
- Bayer-NICHD Reproductive Scientist Development Program, Scholar’s Research Conference, Boulder, Colorado, “Membrane-associated estrogen receptor-alpha signaling in hypothalamic astrocytes is required for estrogen positive feedback in rodents.” – 9/23/11
- UCLA Medical Center, Specialty Training and Advanced Research program, “Membrane estrogen receptor-alpha signaling in hypothalamic astrocytes.” – 7/14/11
- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane-associated estrogen receptor-alpha signaling in hypothalamic astrocytes is required for estrogen positive feedback in rodents.” – 6/17/11
- Bayer-NICHD Reproductive Scientist Development Program Symposium, Miami Beach, Florida, “Membrane estrogen receptor-alpha interaction with metabotropic glutamate receptor 1A is required for rapid estradiol signaling in hypothalamic astrocytes.” – 3/17/11
- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane ER-alpha signaling and trafficking in hypothalamic astrocytes.” – 6/18/10
- UCLA Medical Center, Brain Research Institute, Laboratory of Neuroendocrinology, Research Presentation, “Membrane estrogen receptor-alpha interacts with metabotropic glutamate receptor 1a to mediate rapid estradiol signaling in hypothalamic astrocytes.” – 6/4/10
- UCLA Medical Center, Department of Obstetrics and Gynecology, Levey Symposium Research Presentation, “Membrane ER-alpha signaling and trafficking in hypothalamic astrocytes.” – 5/6/10
- UCLA Medical Center, Women’s Reproductive Health Research Center and Department of Obstetrics and Gynecology, Research Presentation, “Membrane estrogen receptor-alpha trafficking and signaling in hypothalamic astrocytes.” – 12/11/09
- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane estrogen receptor-alpha trafficking and signaling in hypothalamic astrocytes.” – 6/19/09
- UCLA Medical Center, Women’s Reproductive Health Research Center and Department of Obstetrics and Gynecology, Research Presentation, “Membrane estrogen receptor-alpha interacts with metabotropic glutamate receptor 1a in hypothalamic astrocytes.” – 10/3/08
- UCLA Medical Center, Department of Obstetrics and Gynecology, Research and Recognition Day, Specialty Training and Advanced Research Fellows Scientific Session, “Membrane estradiol receptors interact with metabotropic glutamate receptors in hypothalamic astrocytes.” – 6/20/08

**MENTORSHIP OF KUO LABORATORY PERSONNEL AT UCLA:**

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|-------------------------|--|
| Jennifer Vincelli, B.S. | Staff Research Associate I and Laboratory Manager, 7/1/11 – 6/19/13.   |
| Claire Chen, B.S.       | UCLA undergraduate researcher, 9/2/11 – 8/2/12.<br>Staff Research Associate I, 8/3/12 – 10/11/13.<br>Mentorship towards graduate school. |

Chutinat Im-Aim, M.D. Visiting Physician-Scientist from Thailand, 10/22/11 – 9/21/12.  
Mentorship, Post-Doctoral Research.

Juan Fu, M.D. Visiting Physician-Scientist from China, 9/27/12 – 9/28/13.  
Mentorship, Post-Doctoral Research.

### **MENTORSHIP OF REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY FELLOWSHIP PHYSICIANS AT UCLA:**

Andy Huang, M.D., M.B.A.	Reproductive Endocrinology and Infertility Fellow, 2005 – 2008
Brad Trivax, M.D.	Reproductive Endocrinology and Infertility Fellow, 2005 – 2008
Kari Sproul, M.D.	Reproductive Endocrinology and Infertility Fellow, 2006 – 2009
Deirdre Conway, M.D.	Reproductive Endocrinology and Infertility Fellow, 2007 – 2010
Kathleen Brennan, M.D.	Reproductive Endocrinology and Infertility Fellow, 2008 – 2011
Aline Ketefian, M.D.	Reproductive Endocrinology and Infertility Fellow, 2008 – 2011
Gayane Ambartsumyan, M.D.	Reproductive Endocrinology and Infertility Fellow, 2009 – 2012
Carrie Wambach, M.D.	Reproductive Endocrinology and Infertility Fellow, 2009 – 2012
Marli Amin, M.D.	Reproductive Endocrinology and Infertility Fellow, 2010 – 2013
Michele Cho, M.D.	Reproductive Endocrinology and Infertility Fellow, 2010 – 2013
Heather Cook, M.D.	Reproductive Endocrinology and Infertility Fellow, 2011 – 2014
Meredith Brower, M.D.	Reproductive Endocrinology and Infertility Fellow, 2012 – 2015
Anupama Kathiresan, M.D.	Reproductive Endocrinology and Infertility Fellow, 2012 – 2015
Lindsay Kroener, M.D.	Reproductive Endocrinology and Infertility Fellow, 2013 – 2016
Ellen Goldstein, M.D.	Reproductive Endocrinology and Infertility Fellow, 2013 – 2016
Lina Akopians, M.D., Ph.D.	Reproductive Endocrinology and Infertility Fellow, 2014 – 2016
Juan Alvarez, M.D.	Reproductive Endocrinology and Infertility Fellow, 2014 – 2016

### **LEADERSHIP / MANAGEMENT ACTIVITIES:**

Medical Director and CEO, IVF Fertility Center, Beverly Hills, CA, October 2013 – present  
Director of Kuo Research Laboratory, UCLA Department of Obstetrics and Gynecology, Los Angeles, CA, January 2011 – October 2013  
Oncofertility Director, UCLA Department of Obstetrics and Gynecology, Los Angeles, CA, January 2011 – October 2013  
UCLA-Livestrong Teen and Young Adult (TYA) Cancer Program Coordinator for Fertility Preservation Options, UCLA Department of Obstetrics and Gynecology, Los Angeles, CA, January 2011 – October 2013  
Co-leader of the Reproductive Endocrinology Workshop at the 2008 NIH/NICHD Women's Reproductive Health Research Symposium at the University of Rochester, NY, 6/3/08

### **TRAINING / COURSES:**

Reproductive Endocrinology: Highlighting Perimenopause, Menopause and Infertility – 1/14-16/05  
Young Investigators Academic Development Course at Cedars-Sinai Medical Center, 16hr course – Aug Oct 2006  
Biosymposia: Frontiers in Reproductive Endocrinology – 3/22-25/06  
26th Annual In Vitro Fertilization and Embryo Transfer: A Comprehensive Update – 7/21-24/13  
Cooperative of American Physicians Inc., Risk Management Program – 10/17/13  
American Heart Association, Basic Life Support – 7/29/17

### **PROFESSIONAL MEMBERSHIPS:**

Society for Reproductive Endocrinology and Infertility, December 2004 – present  
American Society for Reproductive Medicine, August 2004 – present

American College of Obstetricians and Gynecologists, June 2000 – present  
UCLA/Harbor Obstetrics and Gynecology Alumni Collegium, June 2004 – present  
Society for Neuroscience, July 2008 – December 2014  
Pacific Coast Reproductive Society, July 2005 – June 2010

**LANGUAGES:**

English, Chinese (Mandarin)