

**NAME**

**CURRICULUM VITAE**

**PERSONAL HISTORY:**

Business address: Harbor-UCLA Medical Center  
Division of Endocrinology, Department of Medicine  
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Torrance, California 90905

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Citizenship: U.S. Citizen  
Marital Status: Married

**EDUCATION and TRAINING:**

University of Hong Kong, Hong Kong, China Degree: (M.B.B.S.)	1964 – 1968
University of Hong Kong, Hong Kong, China Degree: (Doctor of Medicine.)	1968 – 1974
University of Hong Kong, Hong Kong, China Internship in Medicine	1968 – 1969
University of Hong Kong, Hong Kong, China Residency in Medicine	1969 - 1972
Royal Australian College of Physicians Degree: F.R.A.C.P.	1974 - 1975
College of Physicians & Surgeons Degree: F.R.C.P.	1987 - 1988

**LICENSURE:**

State of California, A49348	May 31, 2009
Drug Enforcement Agency, BW2757459	May 31, 2009

**PROFESSIONAL EXPERIENCE:**

## Present Position:

Director, General Clinical Research Center Harbor-UCLA Medical Center & LA Biomedical Research Institute	09/93 -
Physician Specialist Harbor-UCLA Medical Center & LA Biomedical Research Institute	09/93 -
Professor of Medicine David Geffen School of Medicine at UCLA	12/89 -
Co-Director, Mellon Reproductive Biology Center	01/96 - 12/06
Co-Director, Contraceptive Clinical Trials Network, NICHD at Harbor-UCLA Medical Center	01/04 -

## Previous Position(s) Held

Director, Andrology Service, Division of Endocrinology/ Metabolism and Division of Reproductive Endocrinology/Infertility, Cedars Sinai Medical Center, Los Angeles, CA	12/89 - 08/93
Professor of Medicine in Residence, UCLA School of Medicine, Los Angeles, CA	12/89- 08/93
Professor and Chief, Division of Endocrinology, Department of Medicine, University of Hong Kong Hong Kong, China	12/88 - 12/89
Reader, Department of Medicine, University of Hong Kong, Hong Kong, China	12/82 - 12/88
Senior Lecturer, Department of Medicine, University of Hong Kong, Hong Kong, China	07/78 - 12/82
Lecturer, Department of Medicine, University of Hong Kong, Hong Kong, China	07/69 - 07/78

**PROFESSIONAL ACTIVITIES:**

## Committee Services

International Society of Andrology: Secretary	2001 - 2005
ISA Executive Committee	2001 - 2005
ISA Program Organizing Committee	1997 - 2005
ISA Program Organizing Committee Chair	2005 - 2009
American Society of Andrology: Council Member	1992 - 1995
ASA Award Committee	1997 - 1998
ASA Post graduate Course Chair	1999 - 1999
ASA Program Chair (2005 Annual Meeting)	2003 - 2005

WHO Steering Committee, Task Force for the Regulation of Male Fertility	
Chairperson	1991 – 2002
Member	1984 – 1989
	1991 – 2002
	2003 –
Western Association of Physicians	
Council Member	2002 – 2004
Secretary-Treasurer	2004 – 2005
President Elect	2006 – 2007
Professional & Scholarly Associations	
Society for the Study of Endocrinology, Metabolism and Reproduction (Hong Kong)	1983 –
Family Planning Association of Hong Kong	1983 – 1990
The Hong Kong College of Physicians, Membership Committee	1986 – 1990
Endocrine Society of Australia`	1974 –
Endocrine Society (USA)	1979 –
International Society of Andrology	1975 –
American Society of Reproductive Medicine	1980 –
American Society of Andrology	1989 –
Western Association of Physicians	1991 –
American Federation of Medical Research	1991 –
American Association of Physicians	2003 -
Editorial Services	
Editorial Board:	
Journal of Andrology	1994 – 1997
International Journal of Andrology	1992 – 2002
Journal of Clinical Endocrinology & Metabolism	2005 –
Ad Hoc Reviewer:	
Clinical Endocrinology	
Journal of Andrology	
Journal of Clinical Endocrinology and Metabolism	
Endocrinology	
Human Reproduction	
Diabetes Care	
Consulting Activities	
Consultant, Hong Kong Family Planning Association	1990 –
Member, International Committee on Contraception Research	2004 –
WHO Special Research Group on Methods for the Regulation Of Male Fertility	
	1991 – 2002 (Chair)
	2002 - (member)

**HONORS AND SPECIAL AWARDS:**

Janet McClure Kilborn Prize (Physiology)	Univ. of Hong Kong
C.P. Fong Gold Medal (Medicine)	Univ. of Hong Kong
Gordon King Prize (Obsterics/Gynecology)	Univ. of Hong Kong
John Anderson Gold Medal (proxime accessit) (Final Examination, Faculty of Medicine)	Univ. of Hong Kong
Patrick Manson Gold Medal (MD thesis)	Univ. of Hong Kong
Silver Knight Ward	NMA 2001
Excellence in Clinical Research Award (2 <sup>nd</sup> place)	GCRC 2005
President, American Society of Andrology	ASA 2006-2007

**RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Amount</u>	<u>Role</u>
1974 – 1975	Univ. of Hong Kong	To study abnormalities in sex hormones and thyroid function in narcotic addicts	\$12,000	PI
1975 - 1975	Wing Lung Bank	To study endocrine functions during medical & surgical stress	\$15,000	PI
1975 – 1979	World Health Organization	To study use of low dose cyproterone acetate as a male contraceptive	\$32,133	PI
1979 – 1985	Wing Lung Bank Medical Research Fund, Pauline Chan Medical Research Fund, Medical Faculty and Research Grants, Lee Wing Tat Medical Research Grant, University of Hong Kong	To study regulation of plasminogen activator production and steroidogenesis by rat granulosa cells	\$40,851	PI
1982 - 1989	World Health Organization	Monitoring of clinical trials in China	\$15,897	PI
1987 to 1989	Strategic Research Grant and Leung Kau Kui Research & Teaching Endowment Fund, University of Hong Kong	Studies of sperm function in fertile and infertile men	\$86,572	PI

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Christina Wang, M.D. Amount</u>	<u>Role</u>
1988 to 1989	Sandoz Research Foundation	Compare effectiveness of sub-cutaneous versus infusion of somatostatin analogue SMS201-995 in acromegaly	\$7,051	PI
1988 to 1989	Sandoz Research Foundation	To study a new long acting dopamine agonist for the treatment of hyper-prolactinaemic patients resistant to bromocriptine	\$3,705	PI
1990 to 1991	Cedars-Sinai Medical Center Biomedical Research Grants Support	To study the effect of aging on the role of insulin growth factor I in testicular steroidogenesis in the rat	\$23,279	PI
1991 to 1993	American Federation for Aging Research	To study the effect of aging on the role of insulin growth factor I in testicular steroidogenesis in the rat	\$23,279	PI
1992 to 1994	CONRAD (funded mainly by U.S.A.I.D.)	To study antifertility effects of progesterone antagonists in male rats	\$56,184	PI
1993 to 1995	Research Committee Research Grant	To study the effects of luteinizing hormone replacement therapy on male reproductive aging in rats	\$4,000	PI
1992 to 1995	Gynex Corporation	To study the pharmacokinetics and bioefficacy of sublingual testosterone as testosterone replacement therapy in hypogonadal men	\$112,445	Co- PI
1992 to 1996	CONRAD	To compare the effectiveness of suppression of spermatogenesis by a testosterone microcapsule formulation in normal Chinese men in Hong Kong and Caucasian men in Los Angeles	\$80,140	Co- PI
1993 to 1995	SERONO Laboratories	A Phase III multicenter, double-blind, placebo- controlled study to evaluate the safety and efficacy of Gonal F administered by subcutaneous route to improve the fertility of men with oligozoospermia and/or teratozoo- spermia, prior to an in-vitro fertilization treatment	\$104,286	PI
1993 to 1995	CONRAD	To study the effect of heat on sperm production in man: a potential male method for fertility regulation	\$275,490	PI
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1994 to 1995	UCLA-CNRU	To study ethnic differences and nutritional modulation of androgen metabolism in men with localized prostatic carcinoma	\$125,000	PI
1993 to 1996	NIH-NCRR	General Clinical Research Center	\$12,039,843	Co-PI
1994 to 1997	CONRAD	To study the effects of androgens alone on maintenance of severe oligo/azoospermia in men after induction with combination of GnRH and androgen.	\$268,814	Co-PI
1995 to 1998	CONRAD	To study high dose GnRH agonist effect on spermatogenesis	\$256,613	Co-PI
1996 to 1998	Unimed Pharmaceuticals, Inc.	To study pharmacokinetics of dihydrotestosterone gel (DHT-Gel) in elderly hypogonadal men	\$393,322	Co-PI
1996 to 1998	Unimed Pharmaceuticals Inc.	Pharmacokinetic evaluation of testosterone-gel (T-Gel) in hypogonadal men	\$662,667	Co-PI
1997 to 1998	Tap Holdings Inc.	Evaluation of the effect of EM 574 on spermatogenesis in normal male volunteers	\$464,901	PI
1996 to 2000	NIH	To study dietary fat modulation of androgen metabolism in men	\$892,309	PI
1996 to 2001	NIH/NCRR	General Clinical Research Center (Program Director of GCRC at Harbor-UCLA Medical Center)	\$28,993,510	Co-PI
1997 to 2001	Unimed Pharmaceuticals Inc.	A phase II/III evaluation of the safety and efficacy of T-gel for hormonal replacement in hypogonadal men	\$327,988	Co-PI
1997 to 2001	National Institute for General Medical Sciences	Harbor-UCLA initiative for CSUDH minority student development in biomedical sciences	\$1,250,179	PI
1997 to 2001	Unimed Pharmaceuticals	A phase II/III evaluation of the safety and efficacy of DHT for hormonal replacement in elderly men	\$393,322	Co-PI
1998 to 2001	CONRAD	Comparison of the efficacy of a progestagen implant (Norplant II) in combination with transdermal androgen versus transdermal androgen alone in suppression of	\$468,632	PI

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Christina Wang, M.D. Amount</u>	<u>Role</u>
		spermatogenesis in normal men.		
1999 to 2001	California Cancer Research Program	To study androgen ablation and co-morbid disease in prostate cancer	\$131,620	Co- PI
2000 to 2001	Organon, Inc.	A multicenter, randomized, parallel-group, open-label, dose-selection trial to evaluate the pharmacokinetics and safety of oral administration of ORG 538 in hypogonadal men requiring testosterone replacement therapy	\$13,715	PI
1996 to 2005	Pfizer, Inc.	To study the effect of Doxazosin in oligospermic men	\$14,902	Co- PI
1999 to 2002	Parke-Davis Pharmaceutical Clinical Research Division California Cancer Research Program	A double-blind, placebo-controlled, parallel- group study to assess the effect of Pregablin on reproductive function in healthy male subjects	\$256,955	Co- PI
2000 to 2002	Columbia Research Laboratories	To study exercise and androgen ablation in prostate cancer	\$71,130	Co- PI
2000 to 2001	Columbia Research Laboratories	A phase III, open-label, multicenter study of the bioadhesive buccal testosterone tablet COL- 1621 to evaluate its efficacy and tolerability as replacement therapy in testosterone deficient patients	\$99,608	PI
2000 to 2002	CONRAD	Comparison of efficacy of suppression of spermatogenesis with progestagen implant (Norplant II) & androgen implants (testosterone pellets) vs. androgen implants alone in Asian and non-Asian men.	\$143,815	Co- PI
2001 to 2003	CONRAD	Comparison of efficacy of suppression of spermatogenesis with progestagen implant (Norplant II) & androgen implants (testosterone pellets) vs. androgen implants alone	\$519,494	PI
1998 to 2002	National Institute of Environmental Health, University of Missouri- Columbia	The US study of semen quality in partners of pregnant women	\$293,620	Co- PI
2003 to	NIH/NIGMS	Harbor-UCLA initiative for minority student	\$142,908	PI

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Christina Wang, M.D. Amount</u>	<u>Role</u>
2004		development (Equipment Supplement)		
2002 to 2003	Breast Cancer Research Program, UCLA	To study weight loss in public hospital breast cancer patients	\$100,000	Co- PI
2002 to 2003	American BioScience, Inc.	CVR001/SNAPIST: A Phase II Safety Study of Systemic Nanoparticle Paclitaxel (ABI-007) for In-Stent Restenosis	\$19,830	PI
2001 to 2004	CONRAD	Comparison of the efficacy of suppression of spermatogenesis with progestagen implants (Norplant II) in combination with androgen implants (T pellets) vs. androgen implants alone.	\$519,494	PI
2002 to 2004	Columbia Research Laboratories, Inc	A Phase III, Randomized, Open-Label, Parallel Arm, Multicenter Study on the Efficacy and Safety of COL-1621, a Controlled and Sustained Release Bioadhesive Testosterone Buccal Tablet, in Comparison to Androgel® (5g) in Testosterone Deficient Men	\$49,500	PI
2001 to 2004	Columbia Research Laboratories, Inc	An open-label, Phase III, multicenter study of Col-1621, a bioadhesive testosterone buccal tablet for the long-term safety, tolerability and efficacy in replacement therapy in testosterone	\$57,229	PI
2003 to 2004	MacroChem Corp.	A Randomized, Single-And Multiple-Dose, Parallel Group Study Of The Pharmacokinetics Of Testosterone Following Administration Of 2.5, 5.0 And 7.5 G Of Oterone	\$112,698	Co- PI
2001 to 2006	NIH/NCRR	General Clinical Research Center Program Director, effort 50% (PI: Gail V. Anderson, Jr., MD, MBA)	\$32,327,304 (Refunded 2006-2011)	Co- PI
2001 to 2006	NIH/NICHD	To study endocrine regulation of germ cell apoptosis in male	\$787,500	Co- PI
2000 to 2010	NIH (sub- contract)	UCLA graduate training program in translational investigation	\$45,900	Co- PI
2001 to 2008	California State University, Dominguez Hills	MBRS Rise at Cal State Dominguez Hills	\$125,761	Co- PI
2000 to 2005	Foundation for Research in Aging	To study Nitric Oxide and apoptosis in male reproductive aging	\$10,000	Co- PI
2001 to	NIH/NIDDK	To study dietary fat & intraprostatic androgens:	\$975,000	PI

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2006		prostate cancer development & growth		
2001 to 2007	NIH/NIGMS	Harbor-UCLA initiative for minority student development	\$2,645,745	PI
2002 to 2005	Environmental Protection Agency, University of Missouri-Columbia (sub-contract)	Study of phthalates in pregnant women and children	\$248,852	Co-PI
2002 to 2007	NIH/NINDS	To study hypopituitarism after moderate and severe head injury	\$2,222,754	Co-PI
2002 to 2007	Pharmacia & Upjohn, Inc.	To study hypopituitarism after Moderate and Severe Head Injury	\$230,339	Co-PI
2002 to 2004	Population Council/ USAID	A randomized, multicenter, open labeled dose finding study on the effect of MENT AC implants and Levonorgestrel implants on spermatogenesis and hormone levels in normal men	\$309,121	PI
2001 to 2006	NIH/NIAID	Development of Human Challenge Model for Bordetella Pertussis	\$112,451	Co-PI
2002 to 2005	CONRAD	Mellon Twinning Program MFG-0264. A study of the combined effects of hormone and heat treatment on the suppression of spermatogenesis in men: proof of "two-hit" concept	\$163,598	Co-PI
2003 to 2006	CONRAD	Mellon Program MFG-03-67: A study of testicular gene regulation by hormone and heat treatment in men	\$149,892	Co-PI
2003 to 2010	NICHD	Contraceptive Clinical Trials Network (Male Contraceptive Topic Area)	\$341,690	Co-PI
2004 to 2007	NICHD	A randomized, open label clinical trial to evaluate if Nestorone gel has gonadotropic suppressive activity and if Nestorone on combination with testosterone will have an additive effect on gonadotropin suppression when applied transdermally in healthy men	\$417,038	PI
2003 to 2004	NIH National Inst of Diabetes & Digestive &	Endocrinology, Metabolism and Nutrition Training Grant	\$796.770	Co-PI

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Christina Wang, M.D. Amount</u>	<u>Role</u>
	Kidney Disease			
2003 to 2004	American Institute for Cancer Research	Diet and Exercise Targeting Weight Loss in Public Hospital Breast Cancer Patients	\$135,000	Co- PI
2003 to 2004	NIH/NHLB	Strategies to Improve COPD Management	\$3,679,000	Co- PI
2003 to 2005	CONRAD	Pharmacokinetics of Testosterone Undecanoate Injections in Healthy Men	\$244,808	PI
2003 to 2004	Actelion Corporation	Central Laboratory Protocol: Multicenter, Open- Label, Single-Arm Safety Study To Investigate The Effects Of Chronic Tracleer	\$61,392	PI
2004- 2005	CONRAD Program	To find out if progestins enhance androgens in the suppression of spermatogenesis in men by inducing differential gene expression in the testis	\$519,494	Co-I
2004 to 2006	Ascend Therapeutics	A Phase II, Placebo-controlled double-blind, dose-ranging, randomized, multi-center study of cutaneous DHT-gel in older hypogonadal males ages 60-80: effect on body composition, libido, and physical and sexual functioning. This study will help develop a new transdermal method for androgen replacement for aging, hypogonadal men.	\$139,572	Co- PI
2005 to 2007	Organon, Inc.	A multicenter, randomized, double-blind, placebo-controlled, two period cross-over trial to validate patient-reported outcome measures for use in men with late-onset hypogonadism. The purpose of this study is to validate questionnaires to assess patient-reported outcome measure which may be useful for screening and monitoring progress in clinical studies in hypogonadal men, in particular, late onset hypogonadism.	\$16,617	PI
2006 to 2007	Clarus Therapeutics	Phase I/II, randomized, open-label, multi-dose, pharmacokinetic study of oral testosterone palmitate formulations. The objectives of the study are to determine the serum pharmacokinetic profile and obtain steady-state T data and safety data for four oral formulations of testosterone palmitate administered once- and twice-daily to hypogonadal men over two dosing periods of fourteen days. A secondary	\$156,438	Co- PI

<u>From - To</u>	<u>Source</u>	<u>Purpose</u>	<u>Amount</u>	<u>Role</u>
		objective of the study is to gain information that will provide guidance as to the optimal T-palm formulation to be evaluated in Phase III pivotal trials.		
2005 to 2008	Cedars-Sinai Medical Center	Rosiglitazone: Novel therapy for pituitary tumors (Phase II). This is a study to examine the effects of rosiglitazone on tumor growth and hormone secretion in patients with Cushing's disease and non-secreting tumors after surgery.	\$51,290	Co-I

**RESEARCH GRANTS SUBMITTED (Not yet funded):**

<u>From To</u>	<u>Source</u>	<u>Purpose</u>	<u>Amount</u>	<u>Role</u>
2005 to 2009	NIH/NICHD	iNOS Function in Spermatogenesis	\$1,000,000	Co-I
2006 to 2008	US DDHS/ NIH/ Natl Inst of Child Health & Human Development	Transdifferentiation of bone marrow stem cells transplanted into the testis	\$125,000	Co-I
2006 to 2008	US DHHS/ NIH/ Natl Inst of Neurological Disorders & Stroke	Molecular mechanisms of impaired neurobehavioral phenotypes in XXY mice	\$125,000	Co-I
2006 to 2010	US DHHS/ NIH/ Natl Inst on Aging	Mechanism of neuronal apoptosis in aging	\$1,000,000	Co-I
2006 to 2010	NIH/NICHD	Sertoli Dysfunction and Germ Cell Loss in XXY Mice	\$1,000,000	Co-I

**LECTURES AND PRESENTATIONS:**

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
"Radioimmunoassay of Hormones"	Andrology Workshop organized by WHO	Singapore, Singapore	1980
"Semen Analysis", "Male Infertility"	Andrology Workshop organized by WHO	Beijing, China	1983
"Clinical trials of male fertility regulatory agents"	Joint WHO/Indian Council of Medical Research Scientific Meeting	Bombay, India	1984
"Semen Analysis", "Male Infertility"	Andrology Workshop organized by WHO	Chengdu, China	1984

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
"Hormone regulation of plasminogen activator production by rat granulosa cells"	Australian Society for Reproductive Biology	Melbourne, Australia	1984
"Assessment of sperm function"	Endocrine Society of Australia	Melbourne, Australia	1984
"Semen evaluation"	Symposium on Fertility Regulation in the Male	Nanjing, China	1984
"New developments in male methods of fertility regulation"	11th World Congress of Gynaecology and Obstetrics	Berlin, Germany	1985
"Dopamine Agonist", "The infertile couple"	3rd Congress of the ASEAN Federation of Endocrine Societies	Kuala Lumpur, Malaysia	1985
"Clinical applications of LHRH analogues"	Postgraduate course in clinical endocrinology	Hong Kong, Hong Kong	1986
"Follow-up by men in the recovery period immediately after the cessation of gossypol treatment"	International Symposium on Gossypol Research for Fertility Regulation	Wuhan, China	1986
"Evaluation of the fertilizing capacity of human semen"	12th World Congress on Fertility and Sterility, Singapore	Singapore, Singapore	1986
"The Male Factor in Infertility"	11th Asian & Oceanic Congress of Obstetrics and Gynecology	Hong Kong, Hong Kong	1987
"Clinical studies for male contraception based on cyproterone acetate", "Hamster oocyte penetration/hypoosmotic swelling techniques"	4th National Congress and 2nd International Symposium on recent advances in researches in male fertility regulation and infertility management	Semerang, Indonesia	1988
"Hormonal regulation of fertility in the male"	International Conference on Reproductive Endocrinology	Beijing, China	1988
"Epididymal proteins and sperm function"	6th International Congress of Andrology	Florence, Italy	1989
"Semen analyses and new tests of sperm function" and "Management of the infertile male."	The 1st Postgraduate Course on Clinical Reproductive Endocrinology and Infertility	Singapore, Singapore	1989
"The Epididymis and Sperm Function," "Overview of Therapy," "The Infertile Male. What is Normal?" "Semen Analysis and the Newer Tests of Sperm Function," "Andrological Aspects of Assisted Reproduction - New Advances"	13th World Congress on Fertility and Sterility	Marrakesh, Morocco	1989
"Management of the infertile man"	Hong Kong Surgical Forum (postgraduate course for South East Asia Region)	Hong Kong, Hong Kong	1989
"Androgens and hematopoiesis"	Workshop Conference on	Florida	1990

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
and fibrinolysis."	androgen therapy: Biologic and Clinical Conferences		
"Newer Tests of Sperm Function"	Third International Symposium and Workshop of The Society of Chinese Bioscientists in America	Hong Kong	June, 1990
"Impressions of Clinical Results of Tripterygium Wilfordii Glycosides: sperm function tests for male fertility regulating agents"	WHO sponsored scientific meeting on Tripterygium Wilfordii Research	Nanjing, China	1990
"Sperm Function and Preparation for Assisted Reproduction"	UCLA Extension - Third Annual In Vitro Fertilization and Embryo Transfer - A Comprehensive Update	Santa Barbara, CA	1990
"Male methods for regulation of fertility"	Policy and Coordination Committee Meeting, Special Programme on Human Reproduction, World Health Organization	Geneva, Switzerland	June 1991
"Sperm Function Tests and Sperm Preparation Methods"	International Infertility Training Course	Beijing, China	Sept. 1991
"Sperm function tests for male contraceptive evaluation"	Symposium on Advances in Andrology	Harae, Zimbabwe	November 1991
"Sperm Function Tests"	Workshop on Male Fertility Regulation	Bangkok,	April 1992
"Sperm Function Tests"	Workshop on Vasocclusion methods and International Symposium on Infertility and Fertility Regulation in the Male	Surabaya, Indonesia	April 1992
"Sperm function test for male contra-ceptive evaluation", "Advances in the Management of male infertility" and "The Third edition of the WHO Semen Manual"	1st Asian and Oceanic Congress of Andrology	Nanjing, China	November 1992
"Male Contraception: 1993 and Beyond"	International Symposium on Contraceptive Research and Development for the year 2000 and Beyond	Mexico City, Mexico	March 1993
"Contraceptive Efficacy of Androgens: Is Azoospermia an Obligatory Requirement?"	18th Annual Meeting of the American Andrology Society	Tampa, Florida	April 1993
"Problems with Manual Assessment"			
"Research Strategy of the WHO Task Force and the "Need for Sperm Function Assays".	5th International Congress of Andrology	Tokyo, Japan	May 1993
"Clinical Applications of Androgens"	Satellite Symposium on Andrology	Beijing, China	1993
"Sperm, Oocyte and Embryo Morphology," and "Methods of	Conjoint Annual Meeting of the American Fertility Society	Canada	October 1993

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
Sperm Morphology Assessment"	and the Canadian Fertility and Andrology Meeting		
"Frontiers in Male Reproductive Biology: Clinical Applications"	NICHHD Center for Population Research	Bethesda, MD	December 1993
"New Perspectives of Andrology in Human Reproduction" "Male Infertility: Should we treat the man or his sperm?"	VI National Congress & III International Symposium	Manado	Sept. 1994
"Male Contraception: 1994 and Beyond."	FIGO (Federation International Gyne-cology/Obstetrics)	Montreal, Canada	Sept. 1994
"Clinical Studies using androgens alone for male contraceptive development"	International Symposium on Male Contraception: Present and Future	New Delhi, India	November 1995
"Hypothalamic-pituitary Testis Control," "Androgen Replacement Therapy," "Sperm Function Tests," "Treatment of Male Infertility " and "Male Sexual Dysfunction"	INTAS-WHO Androgen Workshop.	Moscow, Russia	November 1995
"Efficacy of Hormonal Contraception"	International Congress of Endocrinology	San Francisco, CA	June 1996
"Sperm Function Tests," "Investigation of One Infertile Couple," "Treatment of Male Infertility," "Androgen Replacement Therapy" and "Male Sexual Function."	Nordic Baltic Course on Laboratory and Clinical Assessment of Male Reproductive Function	Velnus, Lithuania	June 1996
"New Development in Androgen Replacement Therapy"	University of Turku, Department of Physiology	Turku, Finland,	July 1996
"Future of Infertility Treatment"	The Royal Women's Hospital	Melbourne, Australia	August, 1996.
"Studies of Sublingual Testosterone Replacement in Hypogonadal Men"	University of Sydney	Sydney, Australia	August, 1996
"Future of Infertility Treatment"	Society for the Study of Endocrinology	Hong Kong, Hong Kong	October, 1996
"Androgen Replacement Therapy: New Formulations and Approaches, and " "Ethnic Differences and the Male Reproductive System"	National Congress and IV International Symposia of the Indonesian Society of Andrology	Bandung, Indonesia	August, 1997
"Hypogonadism," "Male Infertility," "Male Contraception" and "Semen Analysis."	Andrology Workshop organized by the Russian Medical Academy	Irkutsk, Russia	July, 1997.
"Dihydrotestosterone a Potential Hormone Replacement for Aging	International Workshop on the Aging Male	Weimer, Germany	June, 1997

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
Men.”			
“Transdermal Androgens”	2 <sup>nd</sup> Summit Meeting on Hormonal Male Contraception	New Orleans, LA	June 1998.
“Pharmacology of Testosterone”	1998 Klinefelter Syndrome National Conference	Torrance, CA	July, 1998
“Male Contraception: Hope or Reality”	Argentine Federation of Endocrinology Societies	Buenos Aires, Argentina,	November 1998
“Aging and Hormonal Replacement Therapy: Focus on the Male”	Inaugural Symposium of Centre of Endocrinology and Diabetes	Hong Kong, Hong Kong,	Sept. 1998
“Application of Advances and Molecular/Cellular Biology to Clinical Andrology”	The American Society of Andrology	Louisville, Kentucky	April 1999
“Male Hypogonadism”	ENDO 99, the 81 <sup>st</sup> Annual Meeting of the Endocrine Society	San Diego, California,	June 1999
“Future of Male Contraception”	3 <sup>rd</sup> Summit Meeting on Hormonal Male Contraception	Chateau d’Ermenoville, France	June, 1999
“Ethnic Differences in Testicular Function: Clinical Relevance”	International Huaxia Congress of Endocrinology	Beijing, China	October, 1999
“Estrogens and Men; What are the Issues?”	Second International Workshop on the Ageing Male: Research Needs	Weimar, Germany	Nov. 1999
“Androgen Delivery Systems.”	Annual Meeting of Endocrine Society	Toronto, Canada,	June, 2000
“Studies showing no adverse trends in male reproductive health.”	International Workshop on Hormones and Endocrine Disruptors in Food and Water: Possible Impact on Human Health.	Copenhagen, Denmark	May, 2000
“New developments in male contraception” and “Update on male infertility.”	50 <sup>th</sup> Anniversary Symposium of the Hong Kong Family Planning Association	Hong Kong, Hong Kong	July, 2000.
“Causes, Clinical Manifestations, and Diagnosis of Testosterone Deficiency”	Annual Association of Clinical Endocrinologists	San Antonio, Texas,	March 2001
“Case Discussions on Male Reproduction”	Annual Meeting of the Endocrine Society	Denver, Colorado	June 2001
“Preventing Unintended Pregnancy: Advances in Hormonal Contraception”	NICHD Symposium	Bethesda, MD	April, 2001
“Androgen Replacement Therapy, New Methods”	4 <sup>th</sup> International Conference on Reproductive Endocrinology	Beijing, China	2001
“Androgens on Aging Men”	2 <sup>nd</sup> Huaxia Congress in Endocrinology	Hong Kong, China	Dec. 2001

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
"Male Hormonal Contraception"	University of Virginia GCRC Symposium	Charlottesville, VA	October, 2001
"Risks and Benefits of Androgen Therapy in Older Men."	3 <sup>rd</sup> World Congress on the Aging Male	Berlin, Germany	2002
"Advances in Male Contraception."	Asia-Pacific Forum on Andrology	Shanghai, China	2002
"Androgen Replacement for Elderly Men Benefits and Risks,"	Second Asian International Society for the Study of Aging Male	Taiwan	March, 2003
"Testosterone Replacement Therapy: Current and Future."	American Society of Andrology	Phoenix, Arizona	March, 2003
"Update on Androgen Replacement Therapy."			
"Hormonal Male Contraception"	Population Council	New York, NY	April, 2003
"Problems of Testosterone and Free Testosterone Assays: Clinical Implications"	Baylor College of Medicine	Houston, Texas	April, 2003
"Androgen Replacement Therapy"	Endo 2003 (85 <sup>th</sup> Annual Meeting of the Endocrine Society)	Philadelphia, Pennsylvania	June, 2003
"Do the results of women's health initiative have impact on hormone replacement therapy for hypopituitarism."	8 <sup>th</sup> International Pituitary Congress	New York, New York	June, 2003
Diagnosis, treatment and monitoring of 'acquired or late-onset hypogonadism: the controversie on measurement of testosterone' and other related items."	International Society of Andrology (ISA) sponsored discussion at the 4th World Congress on the Aging Male at Prague,	Prague, Czech Republic	February 26-29, 2004
"Experience with Androgel" and "Recent Developments in Male Contraception."	4 <sup>th</sup> Asian & Oceanic Congress of Andrology	Penang, Malaysia	March 25-28, 2004
"Testosterone Replacement Therapy: Current and Future."	The First International Forum on Reproductive Medicine and First Asia Community Genetics Workshop	Shenzhen, China	April, 2004
"The Full Androgenic Effects of Testosterone Treatment: Clinical Relevance of Testosterone and Its Metabolites Dihydrotestosterone and Estradiol."	The 4 <sup>th</sup> World Congress of the Aging Male	Prague, Czech Republic	February, 2004
"Advances in Male Hormone Therapy"	86 <sup>th</sup> Annual Meeting of the Endocrine Society	New Orleans, LA	June, 2004
"Androgen treatment for Androgen Deficiency of Aging Men" and "Hormonal Male Contraception"	National Congress of the Chinese Society of Andrology	Nanjing, China	August, 2004

<u>Title of Lecture</u>	<u>Organization Presented to</u>	<u>Place</u>	<u>Date</u>
"Testosterone: clinical pharmacology of new preparations"	International Congress of Endocrinology	Lisbon, Portugal	August, 2004
"Dihydrotestosterone for Androgen substitution therapy "	3 <sup>rd</sup> European Congress of Andrology	Munster, Germany	Sept. 2004
"Long-term use of transdermal testosterone for the treatment of hypogonadal men- efficacy and safety".	XX <sup>th</sup> Congress of the European Association of Urology	Istanbul, Turkey	March, 2005
"Recent Advances in Androgen Therapy" and "Geographical variations in semen quality in men"	XVI Pan American Congress of Endocrinology	Puna Cana, Dominican Republic	May, 2005.
" Pharmacokinetics of testosterone undecanoate", "Recovery of sperm counts: analysis of multicenter data", " and "Dietary influences on male reproductive functions in men"	8 <sup>th</sup> Summit Meeting on Hormonal male Contraception	Nyon, Switzerland	October, 2005
"Diagnosis of Hypogonadism in older men"	12 <sup>th</sup> International Congress on Hormonal Steroids and Hormones and Cancer	Athens, Greece	Sept. 2006
"The Endocrinology of male reproduction" and "Testosterone as a male contraceptive agent"	2006 American Society for Reproductive Medicine	New Orleans, LA	Oct 2006
"Decline in Male Fertility: Facts or Fantasies"	XVIII FIGO World Congress of Gynaecology and Obstetrics	Kuala Lumpur, Malaysia	Nov 2006
"Androgens in fertility control and replacement therapy"	4 <sup>th</sup> International Huaxia Congress of Endocrinology	Hong Kong, China	Dec 2006

## **PUBLICATIONS/BIBLIOGRAPHY:**

### **RESEARCH PAPERS (PEER REVIEWED)**

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139. Lee KK, Swerdloff RS, Nelson A, Wang XH, Tong JS, Cui YG, Roy R, Sinow R, Berman N, Hull L, Wang C. Suppression of Spermatogenesis with Levonorgestrel and Testosterone Implants in Asian and Non-Asian Men. Presented at the Endocrine Society’s 85<sup>th</sup> Annual Meeting at Philadelphia, PA, on June 22, 2003.
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146. Wang CCL, Swerdloff RS. The full androgenic effects of testosterone treatment: clinical relevance of testosterone and its metabolites dihydrotestosterone and estradiol. Abstract presented at the 4<sup>th</sup> World Congress on the Aging Male at Prague, Czech Republic, February 26-29, 2004.
147. Swerdloff RS, Wang C. Testosterone replacement therapy: Current and future. Abstract presented at the 4<sup>th</sup> Asian & Oceanic Congress of Andrology, Penang, Malaysia, March 25-28, 2004.
148. Swerdloff RS, Wang C. Osteoporosis and androgen deficiency in men. Abstract presented at the 4<sup>th</sup> Asian & Oceanic Congress of Andrology, Penang, Malaysia, March 25-28, 2004.
149. Wang C, Swerdloff RS. Experience with Androgel. Abstract presented at the 4<sup>th</sup> Asian & Oceanic Congress of Andrology, Penang, Malaysia, March 25-28, 2004.
150. Wang C. Recent developments in male contraception. Abstract presented at the 4<sup>th</sup> Asian & Oceanic Congress of Andrology, Penang, Malaysia, March 25-28, 2004.
151. Wang C. Testosterone replacement therapy for men. Abstract presented at the 86<sup>th</sup> Annual Meeting of the Endocrine Society in New Orleans, June 16-19, 2004.
152. the 86<sup>th</sup> Annual Meeting of the Endocrine Society in New Orleans, June 16-19, 2004. Wang C, Swerdloff RS. Advances in male hormone replacement therapy. Abstract presented at
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161. Kelly DF, Swimmer S, Christenson P, Dusick JR, Cohan P, McArthur DL, Qu Z-D, Levin H, Wang C. Neurobehavioral impact of growth hormone deficiency after moderate or severe traumatic brain injury. Abstract to be presented at the Neurosurgical Society of America meeting in Santa Fe, New Mexico, June 2004.
162. Wang C, Swerdloff RS "Advances in Male Hormone Therapy" 86<sup>th</sup> Annual Meeting of the Endocrine Society, June 2004, New Orleans
163. Wang C, Swerdloff RS: Androgen treatment for Androgen Deficiency of Aging Men and Hormonal Male Contraception, National Congress of the Chinese Society of Andrology, August 2004, Nanjing, China
164. Wang C, Swerdloff RS : Testosterone: clinical pharmacology of new preparations, International Congress of Endocrinology, August, 2004, Lisbon, Portugal
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