

ANDROGEN EXCESS & PCOS SOCIETY



6th ANNUAL MEETING
San Francisco Marriott, San Francisco, USA
November 9th, 2008



Golden Gate Rooms A1-3, San Francisco Marriott Hotel,
55 Fourth Street, San Francisco, CA, USA.

PROGRAM



| Time | Speaker | Topic |
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| 7:30 – 8:30 am | <i>Registration</i> | |
| 8:15 – 8:30 am | Welcome | Daniel Dumesic & Roger Lobo |
| 8:30 – 9:50 am | <i>Session: Pathogenesis of PCOS</i> | <i>Chair: Daniel Dumesic, M.D.</i> |
| 8:30 – 9:00 am | Selma Witchel, M.D. <i>Division of Endocrinology Children's Hospital, Pittsburgh, USA</i> | WHEN DOES PCOS BEGIN? |
| 9:00 – 9:30 am | Andrea Dunaif, M.D. <i>Dept. of Endocrinology, Metabolism & Molecular Medicine, Northwestern University, Chicago, USA</i> | WHAT IS THE GENETIC DEFECT LEADING TO PCOS? |
| 9:30 – 9:50 am | Q&A | |
| 9:50 – 10:30 am | <i>Session: Oral Communications 1 – Basic</i> | <i>Chair: Jan McAllister Ph.D.</i> |
| 9:50 -10:00 am | Kari Sproul, M.D. <i>Dept. of Obstetrics & Gynecology, Cedars- Sinai Medical Center, Los Angeles, USA</i> | GDF9 AND BMP 15 GENE POLYMORPHISMS ARE ASSOCIATED WITH PCOS AND ITS COMPONENT TRAITS |
| 10:00 – 10:10 am | Nicolas Crisosto, M.D. <i>Endocrinology & Metabolism Laboratory, University of Chile, Santiago, Chile</i> | DOWNREGULATION OF AMH EXPRESSION BY ANDROGENS IN GRANULOSA CELL CULTURES FROM SMALL ANTRAL BOVINE FOLLICLES. |
| 10:10 – 10:20 am | Alicia Motta, M.D. <i>Ovarian Pathophysiology Laboratory, University Buenos Aires, Argentina</i> | PRELIMINARY EVIDENCE OF DIMINISHED STEROGENESIS DURING FOLLICULOGENESIS IN WOMEN WITH PCOS |
| 10:20 – 10:30 am | Q&A | |
| 10:30 – 10:50 am | COFFEE BREAK | |
| 10:50 – 12:00 am | <i>Session: Special Reports</i> | <i>Chair: Robert Norman, M.D.</i> |
| 10:50 – 11:20 am | Ricardo Azziz, M.D., M.P.H. <i>Dept. of Obstetrics & Gynecology, Cedars Sinai Medical Center, Los Angeles, USA</i> | ADYPOCYTOKINES IN PCOS: Report from the AES meeting at the Endocrine Society, June 2008 |
| 11:20 – 11: 40 am | Qi Yu, M.D. <i>Chinese Gynecologic Endocrinology Society</i> | DIAGNOSIS AND TREATMENT OF PCOS IN CHINA |
| 11:40 – 12:00 pm | Q&A | |

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| 12:00 - 1:00 pm | Session: Clinical Aspects of PCOS | Chair: Enrico Carmina, M.D. |
| 12:00 – 12:20 pm | Walter Futterweit, M.D. <i>Dept of Endocrinology, Mount Sinai School of Medicine, New York, USA</i> | NON-ALCOHOLIC FATTY LIVER DISEASE IN PCOS |
| 12:20 – 12:40 pm | Robert Wild, M.D. <i>Dept of Obstetrics & Gynecology, Oklahoma University, Oklahoma City, USA</i> | DYSLIPIDEMIA IN PCOS AND ITS TREATMENT |
| 12:40 – 1:00 pm | Q&A | |
| 1:00 - 2:00 pm | LUNCH | |
| 2:00 - 2:40 pm | Session: Oral Communications 2- Clinical | Chair: Bulent Yildiz |
| 2:00 – 2:10 PM | Konstantinos Toulis, M.D. <i>Dept of Obstetrics and Gynecology Aristotle University, Thessaloniki, Greece</i> | ADIPONECTIN LEVELS IN WOMEN WITH PCOS: A SYSTEMATIC REVIEW AND A META- ANALYSIS |
| 2:10 – 2:20 pm | Ashraf Ganie, M.D. <i>Dept. of Endocrinology, Sheri-Kashmir University, Srinagar, India</i> | HIGH PREVALENCE OF PCOS IN EUTHYROID CHRONIC LYMPHOCYTIC THYROIDITIS |
| 2:20 – 2:30 pm | Courtney West <i>Dept of Obstetrics and Gynecology Kansas University, Kansas City, USA</i> | PCOS PATIENTS UNDERGOING OVULATION INDUCTION EXHIBIT ELEVATED SERUM AMYLOID A LEVELS ON THE DAY OF HCG |
| 2:30 – 2:40 pm | Q&A | |
| 2:40 – 3:20 pm | Session: Infertility in PCOS | Chair: Frank Gonzalez, M.D. |
| 2:40 – 3:10 pm | Roger Lobo, M.D. <i>Dept of Obstetrics & Gynecology Columbia University, New York, USA</i> | MANAGEMENT OF INFERTILITY IN PCOS |
| 3:10 – 3:20 pm | Q&A | |
| 3:20 – 4:00 pm | BREAK & POSTER SESSION | |
| 4:00 – 5:00 pm | Session: Management of hirsutism | Chair: Richard Legro M.D. |
| 4:00 – 4:20 pm | Franca Fruzzetti, M.D. <i>Dept of Obstetrics & Gynecology University of Pisa, Pisa, Italy</i> | THE ENDOCRINOLOGIST'S PERSPECTIVE |
| 4:20 – 4:40 pm | Lee Zane, M.D. <i>Dept of Dermatology University of California, San Francisco, USA</i> | THE DERMATOLOGIST'S PERSPECTIVE |
| 4:40 – 5:00 pm | Interactive discussion | |
| 5:00 – 6:30 pm | BUSINESS MEETING | |

POSTERS

1. **Glucose Intolerance and Insulin Resistance in Indian PCOS Girls.** Ganie AM (1), Tariq WA (2), Muzzafar M (3), Tariq G (4), Zargar AH (1). Departments of (1)Endocrinology, (2) Biostatistics, (3)Biochemistry and (4)Radiology, Sheri-Kashmir Institute of Medical Sciences, Srinagar, India.
2. **Does continuous use of metformin throughout pregnancy improve pregnancy outcome in women with PCOS?** Javed F & Rizvi J. Department of Obstetrics & Gynecology, Aga Khan University, Karachi, Pakistan
3. **Infertility and PCOS: a study of association with interfamily marriages and body mass index.** Javed F & Rizvi J. Department of Obstetrics & Gynecology, Aga Khan University, Karachi, Pakistan
4. **PCOS in Healthy Reproductive Aged Chinese Han Women.** Li R, Qiao J Department of Obstetrics and Gynecology, Peking University Third Hospital, Beijing, P. R. China
5. **Endometriosis in women with PCOS.** Lessey BA, Holochl K, Forstein DA, Miller PB, Higdon HL, III. Department of Obstetrics and Gynecology, Division of Reproductive Endocrinology, University Medical Group, Greenville Hospital System, Greenville, SC 29605, USA.
6. **Beneficial metabolic effects of the Malaysian herb *Labisia Pumila* in a rat PCOS model.** Mannerås L (1), Mansor F (2,3), Wan Nazaimoon WM (3), Östenson CG (2), Lönn M (4), and Stener-Victorin E (1). (1) Inst. of Neuroscience and Physiology, Dept. of Physiology, Sahlgrenska Academy, University of Gothenburg, Sweden; (2) Dept. of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden; (3) Diabetes and Endocrine Unit, Institute for Medical Research, Jalan Pahang, Kuala Lumpur, Malaysia; and (4) Inst. of Medicine, Wallenberg Laboratory, Sahlgrenska Academy, University of Gothenburg, Sweden
7. **Effect of dehydroepiandrosterone and metformin in corpus luteum regression.** Motta AB(1), Sander VA(1), Facorro G(2), Piehl L(2), Rubin de Celis E(2). (1)Laboratorio de Fisiopatología Ovárica, CEFYBO-UBA, CONICET-Buenos Aires, Argentina; and (2)Dept. of Física, Facultad de Farmacia y Bioquímica, UBA, Buenos Aires, Argentina
8. **The effects of metformin on uterine tissue of hyperandrogenized BALB/c mice.** Motta AB(1), Elia E(1), Vighi S(2), Sicaro L(3), Pustovrh C(4), Lombardi E(3), Devoto L(4). (1)Laboratorio de Fisiopatología Ovárica, CEFYBO-UBA, CONICET; (2)Dept. de Patología, Hospital de Clínicas, UBA; (3) Instituto de Ginecología y Fertilidad (IFER) Buenos Aires, Argentina; and (4) Instituto Investigaciones Materno Infantil (IDIMI), Santiago, Chile.
9. **Reproductive abnormalities in women with bipolar disorders.** Rasgon NL, Kenna HA, Stemmler PG, Reynolds MF, Vemuri M, Wang P, Ketter T Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, Stanford, CA, USA
10. **Atherogenic dyslipidemia in women with ovulatory and anovulatory PCOS.** Rizzo M(1), Berneis K(2), Hersberger M(2), Spinass GA(2), Rini GB(1), Carmina E(1). (1) Department of Clinical Medicine, University of Palermo, Italy; and (2) Division of Endocrinology, Diabetes and Clinical Nutrition, University Hospital Zurich, Switzerland.
11. **3beta-HSD-1 and P450 aromatase activities in placental tissue from women with PCOS.** Maliqueo M(1), Amigo P(1), Aranda P(1), Echiburú B(1), Oliva S(2), Crisosto N(1), Lara H(3) and Sir-Petermann T (1). (1)Laboratory of Endocrinology and Metabolism, University of Chile. (2)Department of Obstetrics and Gynecology, Hospital San Juan de Dios. (3)Laboratory of Neurobiochemistry, University of Chile.
12. **PCOS and Bone Mineral Density Measured with Quantitative Computed Tomography.** Talbott E, McCleary Snyder L, Cauley JA, Zborowski JV, Rager J. Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania 15261, USA.
13. **The impact of South Asian and Caucasian ethnicities on dysglycemia in PCOS.** Sujana Kumar S(1,2), Sadry S(1), Collins, V(2), Laredo ES(1,2). (1)University of Toronto, Toronto, Canada, (2) Dept of Medicine, Women's College Hospital, Toronto, Canada.
14. **Incidence of PCOS ascertained by the 1990 NIH criteria is independent on hirsutism scores in black or white Hispanic and Hispanic women.** Pall ME(1), Mathur R (1,2), Azziz RA (1,3). (1) Dept. of Ob/Gyn and Center for Androgen Related Disorders, Cedars-Sinai Medical Center, Los Angeles, USA; (2) Dept. of Medicine, Cedars-Sinai Medical Center, Los Angeles, USA; (3) Dept. of Ob/Gyn and Medicine, the David Geffen School of Medicine at UCLA, Los Angeles, USA.
15. **Body composition in different phenotypes of hyperandrogenic women.** De Nicola F (1), Rini GB (1), Lobo RA (2), Carmina E (1). (1) Department of Clinical Medicine, University of Palermo, Palermo, Italy; (2) Department of Ob-Gyn, Columbia University, New York, USA.
16. **Effects of PCOS on assisted reproductive technology outcomes are influenced by BMI, HMG usage, and basal cortisol levels.** Boguslavskaya DV, Kodaleva TA, Kuzichkina NV, Vlasov DN, Sinitcina AI, Ermolayeva OV Department of Ob-Gyn, Medical Company IDK, Samara, Russia