



**ANDROGEN EXCESS
&
POLYCYSTIC OVARY SYNDROME
SOCIETY**



**7TH UPDATE MEETING
APRIL 16-17, 2010
Hotel Serrano, Gramado, Rio Grande do Sul, BRAZIL**

CALL FOR ABSTRACTS

**Submission Deadline
11:00 PM (2300 HRS) PST, MARCH 17th, 2010**

You are invited to submit abstracts of your original research to be considered for presentation at the 7th Update Meeting of the Androgen Excess & Polycystic Ovary Syndrome Society (AE-PCOS Society). All abstracts relating to androgen excess disorders including PCOS will be considered for presentation. To be considered your abstract must be submitted no later that **March 17th, 2010, 11:00 pm (2300 hrs) PST**.

INSTRUCTIONS FOR SUBMISSION OF ABSTRACTS

Please read the following guidelines thoroughly before preparing your abstract. The Abstract Meeting Committee of the AE-PCOS will not consider abstracts that have not been prepared in accordance with these instructions.

All abstracts must be submitted by email. Please note the presenter is required to register for the 7th Update Meeting of the AE-PCOS Society on submission of abstract (see www.ae-society.org).

Abstracts will be accepted with the understanding that the work has not been published or presented elsewhere in substantially the same form. Submission of an abstract assumes the approval of the author(s) to have their abstract published for the meeting in the Meeting Program book. Copyright of accepted abstracts will automatically be assigned to the AE-PCOS Society. Abstracts are also accepted with the understanding that they will be presented at the meeting either as a poster or as an oral presentation.

SUBMITTING YOUR ABSTRACT

1. The abstract should be as informative as possible (see [Sample Abstract](#) below).
2. If accepted, your abstract will appear in the Meeting Program book published exactly as submitted and any typing errors will be visible.
3. The AE-PCOS Society reserves the right to decide on the form of presentation (oral or poster) in the interests of the scientific program.
4. It is understood that the first author of the abstract will serve as the presenter, and that the presenter will be registered for the 7th Update Meeting of the AE-PCOS Society.
5. **Abstracts should be emailed to plenaar@terra.com.br, by 11:00 pm (2300 hrs) PST, March 17th, 2010.**

SAMPLE ABSTRACT

LOW PREVALENCE OF THE V281L MUTATION OF CYP21 AMONG WOMEN WITH THE POLYCYSTIC OVARY SYNDROME (PCOS).

Smith JG(1), Jones EB(2), Bartley MRD(2).

(1)Dept. of Medicine, The Johns Hopkins Hospital, Baltimore, MD, USA; and (2)Dept. of Ob/Gyn, The David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

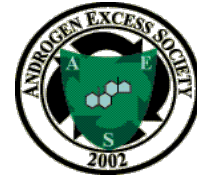
Familial aggregation indicates that genetic factors are important in the pathogenesis of PCOS. In searching for PCOS genes, we and others have reported an increased frequency of heterozygosity for CYP21 mutations, especially the V281L missense mutation, among children with premature pubarche (PP), adolescent girls with hyperandrogenism, and a small cohort of women with PCOS. To determine whether the frequency of the V281L mutation of CYP21 is actually increased in PCOS, and whether this increase is associated with adrenal androgen (AA) excess, we determined the presence of this mutation in 170 women with PCOS and excessive AA secretion, 152 women with PCOS and normal AA secretion, and 94 healthy adult female controls from the Southeastern U.S. Genotyping was performed by PCR followed by allele specific RFLP analysis. PCOS was defined by the presence of oligo-ovulation in combination with clinical evidence of hyperandrogenism (e.g. hirsutism) and/or hyperandrogenemia (e.g. supranormal free testosterone levels), after the exclusion of related disorders, including 21-hydroxylase deficient non-classic adrenal hyperplasia. Our results indicate that in the population studied two women with PCOS, one with AA excess and one without, were heterozygous carriers of V281L. None of the control women carried this CYP21 mutant allele. We can conclude that the V281L mutation of CYP21 is relatively rare among the population of PCOS women studied, regardless of presenting AA levels. Although we cannot exclude the possibility that other CYP21 mutant alleles may be more common in this population, differences in ethnic background may explain the low frequency of heterozygosity for the V281L mutation in this population of PCOS women compared to previous reports. Furthermore, heterozygosity for CYP21 mutations may play a greater role in PP rather than in PCOS (supported in part by NIH grants 2-R01-HD30000 to JGS and R21-HD3000 to MRDB).

Special instructions:

- 1) Use font Times Roman 11
- 2) Use single space
- 3) The title should be in caps and bolded
- 4) Authors should be listed as follows: Last name first name initials. Affiliation key should follow each name in superscript [e.g. Smith JG(1), Jones EB(2)]
- 5) Affiliations should note department/division, institution, city, state or province, and country. Each affiliation should be preceded by key in superscript (e.g. (1)Dept. of Medicine, Johns Hopkins Hospital, Baltimore, MD, USA; and (2)Dept. of Ob/Gyn, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA).
- 6) A space should be placed between the affiliations and the body of the abstract.
- 7) Please limit your abstract to the space provided.
- 8) Funding sources should be acknowledged at the end of the abstract, in parentheses.
- 9) The form type used will not accept symbols, superscripts, or subscripts so please do not use these. (e.g. do not use “ β ”, instead type “Beta”)



ANDROGEN EXCESS & PCOS SOCIETY
7TH UPDATE MEETING



ABSTRACT SUBMISSION FORM

DEADLINE FOR SUBMISSION: 11:00 PM (2300 HRS) PST, MARCH 17TH, 2010

Abstracts should be emailed to plenar@terra.com.br

Title:

Authors:

Affiliations:

Abstract:

Please complete all required fields and submit by email to plenar@terra.com.br

By submitting this form, I agree that I have read and understand the AE-PCOS Society abstract submission guidelines for the 7th Update Meeting of AE-PCOS Society, March 16-17, 2010, Gramado, Brazil, and if accepted, I will present the abstract in the required form (oral or poster). I confirm that the abstract submitted has not been published or presented elsewhere in substantially the same form. I also certify that all authors listed have approved the submission of the abstract and its publication in the Meeting Program and proceedings, and understand that copyright of the accepted abstracts will automatically be assigned to the AE-PCOS Society.

- I am a member of the AE-PCOS Society.
- I am a young researcher and I would like to be considered for travel award

Print Presenter Name

Presenter Signature

Date

Please complete contact information and attach to your electronic submission. You will be assigned an abstract number and notified using the information you list below. Please ensure that all information is correct.

Name (Last, First): _____		
Institution: _____		
Mailing Address:		

Street Address	Apartment/Suite	

City/State	Postal or Zip Code	Country

Telephone (including city or area code): _____		
Facsimile or fax (including city or area code): _____		
Email: _____		

IF YOU HAVE ANY QUESTIONS PLEASE SEND AN EMAIL TO:
plenar@terra.com.br