Middle Atlantic Reproduction and Teratology Association

**Trends in Teratology**

October 29th and 30th, 2014

Horsham Township Library
435 Babylon Road
Horsham, PA, 19044

**Wednesday, October 29th**

11:30 – 12:30  
**MARTA Council Meeting**

12:30 – 1:00  
**Registration and Welcome**

1:00 – 1:15  
**Introductory Remarks**  
Alan M. Hoberman (Charles River, MARTA President)

**Drugs in Semen Symposium**

1:15 – 2:00  
**Introduction and Optical imaging to assess potential intravaginal embryo-fetal exposure**  
Bruce K Beyer, (Sanofi)

2:00 – 2:45  
**What fetal exposure/outcome could occur from drugs in semen – Studies with metronidazole and thalidomide**  
Julia Hui (Celgene)

2:45 – 3:00  
**Refreshments**

3:00 – 3:45  
**Nonclinical investigation of maternal and fetal exposure to an IgG2 monoclonal antibody following biweekly vaginal administration throughout pregnancy**  
Graeme Moffet (Amgen)

3:45 – 4:15  
**Update from FDA Presentation on Drugs in Semen**  
Panel Discussion

4:15 – 5:30  
**Poster Session**

5:30 – 8:00  
**Reception**  
Iron Abbey Gastro Pub -  
680 N Easton Rd, Horsham PA, 19044

"To encourage proficiency and knowledge in the field of animal reproduction and teratology"  
(Established 1968)
Middle Atlantic Reproduction and Teratology Association

Day 2: Trends in Teratology

**Thursaday, October 30th**

<table>
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| 10:10 – 10:45 | Business Meeting – open to all members  
**Including:** Updates on HCD database, Morphologist Certification |
| 11:00 – 11:45 | *ICH S5 – Guidelines – Proposed revisions* - substance and process  
Abigail Jacobs (FDA)  
*Thoughts on ICHS5R3 - A Regulator’s Perspective*  
Abigail Jacobs (FDA) |
| 11:45 – 12:30 | *Potential Use of in vitro Alternatives for Embryo/Fetal Development Risk Assessment of Pharmaceuticals*  
Joseph DeGeorge, (Merck) |
| 12:30 – 1:15  | Lunch (provided)  
**Micro- CT Symposium**  
1:15 – 2:00  
Technical Aspects - Title to be supplied  
Chris Winkelmann (Merck) |
| 2:00 – 2:45   | *Developing Criteria for Validating Skeletal Evaluations by Micro-Computed Tomography (micro-CT)*  
Howard Solomon (GSK) |
| 2:45 – 3:00   | Refreshments  
3:00 – 3:30  
*Dihydroartemisinin (DHA) Treatment Causes An Arrest of Cell Division and Apoptosis in Rat Embryonic Erythroblasts in Whole Embryo Culture*  
Teratology Society’s Wilson Award Lecture  
Lorrie Posobiec (GSK) |
| 3:30 – 4:15   | *Initial Results from the Consensus List for Validation (Daston List)*  
Donald Steadman (Pfizer) |
| 4:15 – 4:30   | Closing Remarks |

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