Nonsurgical Permanent Contraception for Women
Conference Agenda

Thursday May 8th, 2014
Oregon National Primate Research Center

7:15am  Bus leaves the Heathman Hotel for ONPRC
8:00-8:30am  Breakfast
8:30-9:05am  Welcome and Overview
  o Welcome to ONPRC/OHSU (Dan Dorsa and Nancy Haigwood) (5 min)
  o Welcome to the meeting, Objectives of meeting (Jeff Jensen/Kirsten Volgesong)
    (10 min)
  o The use permanent contraception and unmet need (Carolyn Westhoff) (20 min)
9:05-10:20am  Session 1: Lessons from the ongoing quinacrine experience
  o A brief history of quinacrine sterilization (Jack Lippes) (30 min)
  o QS: Opportunities for improvement (Steve Mumford) (30 min)
  o Discussion (David Sokal to moderate) (15 min)
10:20-10:40am  BREAK
10:40-11:40am  Session 2: Polidocanol Foam sclerotherapy
  o Polidocanol foam for permanent contraception: Initial results from nonhuman primate
    studies (Jeff Jensen) (25 min)
  o Optimization strategies for intrauterine delivery of foam (Jian Guo) (10 min)
  o Perceptions of nonsurgical permanent contraception among potential users and
    clinicians in Oregon and India (Jennifer Aengst) (10 min)
  o Discussion (Diana Blithe to moderate) (15 min)
11:40-1:00pm  LUNCH AND TOUR OF THE PRIMATE CENTER
1:00-2:00pm  Session 3: Evaluation of tubal patency and verification of occlusion
  o "Fallopian tube: the challenges in imaging and determining patency" (Amy Thurmond)
    (15 min)
  o "Nonsurgical tubal occlusion in rabbits and women" (Amy Thurmond) (15 min)
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2:00-3:15pm  Session 4: Biology of tubal damage and repair

- Imaging the tube with ultrasound during foam sclerotherapy in the baboon model (Cassondra Bauer) (10 min)
- Verification of tubal occlusion using uterine pressure: A study proposal (Jeff Jensen) (5 min)
- Discussion (Jeff Jensen to moderate) (15 min)

3:15-3:35pm  BREAK

3:35-4:50pm  Session 5: Natural Inflammation and tubal occlusion

- Biology of Tubal occlusion: Lessons learned from the development of Essure, Adiana, and from endometrial ablation (Charles Carignan) (20 min)
- Quinacrine Sterilization: Mechanism of Action (Roger Growe) (20 min)
- Polidocanol Foam Treatment in Nonhuman primates: Histologic features (Ov Slayden) (15 min)
- Discussion (David Archer to moderator) (20 min)

4:50-5:15pm  Wrap-up Day 1 (Jeff Jensen)

5:30pm  Bus returns to Heathman Hotel

7:30pm  Reception and dinner at Southpark Restaurant (2 blocks West of The Heathman Hotel)
<table>
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<tr>
<th>Time</th>
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<tr>
<td>8:00-8:30am</td>
<td>Breakfast</td>
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<td>8:30-9:25am</td>
<td><strong>Session 6: Magnetic nanoparticles for permanent contraception</strong></td>
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<td>o Magnetic nanoparticles: What they are and how they work (Everett Carpenter) (15 min)</td>
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<td>o Practical considerations in the use of functionalized magnetic nanoparticles in biologic applications (Michael Schultz) (15 min)</td>
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<td>o Preliminary results with an anti-Oviductal glycoprotein-linked MNP in a xenograft model (Ov Slayden) (10 min)</td>
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<td>o Discussion (Ov Slayden to moderate) (10 min)</td>
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<td>9:25-10:30am</td>
<td><strong>Session 7: Mechanical devices for tubal occlusion</strong></td>
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<td>o Transcervical delivery of RISUGadv (Nirmal Lohiya) (20 min)</td>
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<td>o The mechanical intra-tubal device (ITD) for permanent contraception (Leiguang Wang) (20 min)</td>
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<td>o A new device for thermal ablation of the fallopian tube (David Sokal) (10 min)</td>
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<td>o Discussion (Charles Carignan to moderate) (15 min)</td>
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<td>10:30-10:50am</td>
<td><strong>BREAK</strong></td>
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<td>10:50-12:00pm</td>
<td><strong>Session 8: Novel materials and drug delivery technologies for tubal occlusion</strong></td>
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<td>o Drug eluting fibers as a novel drug delivery system for permanent contraception (Kim Woodrow/Elizabeth Micks) (20 min)</td>
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<td>o A nitonol wire delivery system for permanent contraception: (Robert Katz) (20 min)</td>
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<td>o Biodegradable polymers and materials (Kenton Gregory) (15 min)</td>
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<td>o Discussion (Gregory to moderate) (15 min)</td>
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<td>12:00-12:40pm</td>
<td><strong>Session 9: Other strategies for permanent contraception</strong></td>
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- Selective Targeting of GnRH-II Neurons to Block Ovulation – (Henryk Urbanski) (15 min)
- Microchip drug delivery technology – (Robert Farra) (15 min)
- Discussion (Stouffer to moderate) (10 min)

12:40-1:40pm LUNCH

1:40-2:45pm Session 10: Regulatory and Implementation Challenges for nonsurgical permanent contraception

- Regulatory challenges for new methods of nonsurgical permanent contraception (Carol Danielson) (20 min)
- FHI360 experience with a Permanent Contraception Advisory Board (Karen Katz) (20 min)
- Implementation of contraceptive services in low resource settings (John Townsend) (15 min)
- Discussion (Regine Sitruk-Ware to moderate) (10 min)

2:45-3:35pm Session 11: Concept of a Research Center for Permanent Contraception at OHSU/ONPRC

- Center Concept
- Infrastructure – Jensen (10 min)
- Animal resources- Slayden (10 min)
- Scientific support- Hennebold (10 min)
- SNPRC- Bauer (10 min)
- Grant support (10 min)

3:35-3:50pm BREAK

3:50- 5pm Brainstorming and setting a research agenda for the Center Grant application

5pm Meeting adjourns/departures