

Dose Response Specialty Group, SRA
May 1, 2007
Meeting Notes

1. Minutes from the April 3, 2007 conference call (Linda Teuschler). Reviewed and accepted as is. Paul Schlosser to post on website.

Old business:

- Student Awards: Justin Teegarden resolved issue - Rebecca Clewell has received another check for \$350.00, travel award.
- Liason with the publications committee that runs Risk Analysis. Dale Hattis to find out duties and report back to group so we can get a volunteer.

2. Student awards - Paul Feder

Sent out posting notice to SRA for the bulletin – will be in May SRA newsletter. Also to DRSG to forward to contacts. Will be in ASA AMSTAT News bulletin. In Biometric bulletin. Also to SRA chapter offices and SOT specialty group officers. Paul will send out another flyer/link to DRSG again for forwarding.

3. SRA Symposia Proposals:

Send Dale a separate copy of proposals after SRA submission so that he can give to Rob Goble for the planning committee meetings. Ideas so far include:

- Uncertainties in Cancer Risk Assessment – double session. (Doug Crawford-Brown, Dave Gaylor, Tony Cox, D. Hattis, Dave Brussard) Dale Hattis is organizing this symposium to talk about a series of white papers on this topic.
- New development in applications of benchmark dose modeling double session. Topics could include: update on guidelines; case studies on specific applications; presentation of different new models; model averaging; categorical regression; nested exponential models; multiple data sets; use of hierarchical models to get BMD distributions; BMD models and genomics data (Gary Foureman, Peter McClure, Ralph Kodell)
- Individual differences in susceptibility, particularly with respect to aging, what are the vulnerabilities, concept that variability goes up with age, so how protective are the uncertainty factors to account for differences in susceptibility, what's known from laboratory research and from epidemiologic research, historical treatment of intraspecies variability – Steve Lewis good on this topic, presentation on variability in exposures in the aging population, differences in PK and PD, how to use info in risk assessment and risk management – Gary Ginsburg, (Bob McPhail)
- Complex mixtures assessments and research – possible topics include (not all speakers contacted yet, so could change):
 - Paul Feder (Battelle) sufficient similarity of complex mixture dose response
 - LeAnna Stork/Chris Gennings (Monsanto/EPA) similarity in dose-response across mixtures of multiple components
 - Cheryl Dingus/Linda Teuschler (Battelle/EPA) Power calculations for complex mixture toxicology studies

- Peter McClure/Lynn Flowers/Glenn Rice (SRC/EPA/EPA) Relative potency factors for PAHs
 - Peg Coleman's proposal – Advancing MRA Methodology to Support Biological Inferences about Minimally Adverse Doses for Pathogens. Co-chairs: Tonya Nichols (EPA NHSRC) and Brandolyn Thran (USACHPPM)
 - Marc Odin/Peg Coleman (SRC): health hazard predictor (HHP) approach
 - Tonya Nichols (EPA NHSRC): hazard identification and virulence impact factors
 - Stephen Forsythe (Nottingham Trent University, UK): experimental systems estimating comparative virulence
 - Brandolyn Thran (USACHPPM): physiological models for inhalation anthrax in guinea pigs and humans
 - Jeff Gearhart (US AFRL): physiological models for inhalation anthrax in rabbits and humans
4. Proposal of Applications of Acute Assessments Workshop. Gary Foureman is sending a write up on this to SRA to see if this could be a discussion session.
5. Teleseminars (Sarah Henry)
- June Seminar - Probabilistic risk assessment for data derived uncertainty factors. (John Lipscomb)
 - September Seminar probably will likely be radiation dose-response and/or risk assessment (speaker TBD)
6. Gary Foureman sent info on cost of lapel pins. Julie Fitzpatrick looked into stickers for the name badges - \$2.20 each for a minimum order of 100 pins. Julie said stickers were almost as expensive. Gary to order/Linda to help him with reimbursement.
7. International travel awards – how to obtain. (Peg Coleman will contact Adam Finkel, the specialty group representative to SRA council to find out.)
8. Mixers for SRA meeting – Need to discuss this in the July DRSG meeting. Potential for joint mixer with Biostressors Specialty Group (Sherri Dennis is contact.)