

–NEWSLETTER–

***Reproductive &
Developmental
Toxicology***

A Specialty Section of the Society of Toxicology



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PRESIDENT'S MESSAGE

Greetings RDTSS members from yet another president! Speaking of presidents, I just want to take this opportunity to thank and congratulate Peter Wells on the great job that he did in his presidential duties for the Section in 2001-2002. He is still serving the Section as Past-President, so he will be chairing the committee to award the best reproductive/developmental paper in *Toxicological Sciences* at the 2003 meeting. I also want to thank the outgoing officers-Kathleen Shiverick (Councilor) and Terry Mast (Secretary/Treasurer) for their hard work and contributions. Lastly, we all need to thank Ron Hood for his role as the newsletter editor for the RDTSS. His substantial talent and time commitment in assembling the newsletter (including having to hound me to turn in this article!) for the specialty section benefits us all. As usual we have some new officers to provide fresh perspectives and ideas, and for the 2002-2003 year they are John Rogers, Vice President Elect, Phil Mirkes, Secretary/Treasurer, and Barbara Abbott, Junior Councilor. I would greatly encourage those who are interested in keeping this section vital to nominate others or to volunteer to serve as future officers in the RDTSS. Barbara Abbott (Abbott.Barbara@epamail.epa.gov), as junior councilor, will be responsible for putting together the slate of potential officers (Vice President-Elect and Junior Councilor for 2003-2004), so please contact her to suggest nominees for these positions .



We had a great slate of programs that the RDTSS sponsored/cosponsored for the 2002 SOT meeting in Nashville, and the Section had many of its submitted proposals accepted for the 2003 meeting. Please be aware that the most important contribution that the specialty section provides to its' members and to SOT as a whole is the contribution of reproductive and developmental toxicology programs to the annual meeting. For many of us in specialized areas of toxicology, the value of the SOT meeting is so dependent on the number of quality programs that are presented in our specific area. These programs come from submitted proposals, mainly (if not all) from involved specialty section members. Many thanks to those who have contributed to this effort in the past and hopefully in the future as well. PLEASE take time to think about topics for future meetings. You may want to work with a couple of other people to put the proposed program together to capitalize on different expertise and defray the amount of time that you spend. Carole Kimmel will be soliciting ideas for the RDTSS sponsored/cosponsored programs for the 2003 meeting. Feel free to send her your ideas and your nominations for potential speakers (kimmel.carole@epa.gov).

The specialty section finances are to be managed within each section—i.e. SOT will not be adding additional monies to make up deficits. Our primary income comes from membership dues, so please make sure to join the specialty section each year when your annual SOT membership comes up for renewal. In addition, some monies from the annual meeting will go to the specialty sections, which should allow us to continue to have modest receptions, awards, etc., at the annual meeting. I also encourage each of you to access the SOT website online directory to make sure your membership information is correct and that you are indeed

an up to date member of the specialty section.

With respect to awards, I highly encourage advisors to have their predoctoral or postdoctoral students apply for the specialty section student awards (monetary awards, book certificates, and plaques) that are given out annually to the 2-3 submitted presentations judged to be the best for that year. The criteria and timelines are outlined on the SOT website, as well as later in this newsletter. John Rogers (rogers.john@epa.gov) is the contact person for these awards.

In closing, I look forward to serving as president of the RDTSS this year and working with all of you to keep this section vital as an individual entity and as a major contributor to SOT. Please feel free to make suggestions to me or the other officers on things that the section could do to serve your membership needs better (kimberley.treinen@spcorp.com). But, most importantly, please be involved—the specialty section is only as good as the effort that the members put into it!

Cheers,
Kim Treinen

SOT 2003



It is not too soon to begin planning for the 42nd Annual Meeting of the Society of Toxicology to be held in Salt Lake City, Utah. The following are being sponsored or co-sponsored by the RDTSS in 2003:

Continuing Education Courses

PM12: *The Effects of Non-Reproductive Hormones on the Reproductive System and the Implications for Toxicology*

Symposia

S06: *Temporal Specific Expression of Toxicant-Metabolizing Enzymes: Implications for Life-Stage-Dependent Toxicity*

S08: *Environmental Modulation of Puberty*

S10: *Gene-Environment Interactions In Utero: The Fetal Basis of Adult Disease* (co-sponsored with Molecular Biology)

S18: *Genomics and Proteomics in Reproductive and Developmental Toxicity*

S20: *Genomic and Proteomic Analysis of Surrogate Tissues for Assessing Toxic Exposures and Disease States* (co-sponsored with Molecular Biology and with Mechanisms)

Workshops

W04: *Challenges of the Developmental Neurotoxicity Study* (co-sponsored with Neurotoxicology and with Regulatory and Safety Evaluation)

Special Session

R01: *Toxicology: Ethical, Legal, and Social Issues* (co-sponsored with Neurotoxicology and with Risk Assessment)

R02: *Insulation and Repair of Your Professional Career* (co-sponsored with Comparative and with Veterinary)

RDTSS OFFICER ROLL CALL

The RDTSS thanks the members who have graciously agreed to accept nominations for Vice President-Elect and Councilor. The 2002-2003 officers are:

President: Kimberley A. Treinen
Vice President: Carole A. Kimmel
Vice President-elect: John Rogers
Secretary/Treasurer: Philip Mirkes

Past President: Peter G. Wells
 Councilors: Ronald Hines and Barbara Abbott

See the end of this newsletter for contact information for these officers.

CALL FOR NOMINATIONS

The RDTSS is calling for nominees for the following positions for the 2003-2004 Executive Committee:

Vice President-Elect
 Councilor

Questions regarding the duties associated with these positions can be addressed to Barbara Abbott, who is Chair of the Nominating Committee, or to any of the current RDTSS officers. Please send names and contact information for nominees to Barbara Abbott at abbott.barbara@epa.gov.

CALL FOR NEWS

Please send any newsworthy items to the RDTSS Newsletter Editor, Ron Hood, at the address listed on the cover page. E-mail is the preferred way to send news, either in the body of the message or as an attachment. It is anticipated that the newsletter will be published twice each year, as has generally been the case in the past few years.

2001 STUDENT/POSTDOCTORAL AWARD WINNERS

Carole Kimmel, U.S. EPA, Robert Chapin, Pfizer, Phil Mirkes, University of

Washington, and Pat Hoyer, University of Arizona, presented the student awards following judging and deliberations.



The 1st place award consisted of an SOT plaque, a \$500 cash award, and a Taylor & Francis Book Certificate. The students listed below received well-deserved recognition at the 2002 SOT Annual Meeting in Nashville, TN.

The RDTSS thanks Taylor & Francis for their generosity in providing the book certificate awards, and Phyllis Cohen, our Taylor & Francis contact person, for her efforts on our behalf.

The winners were as follows:

First Place: Julia Kennedy, "Antisense evidence for NF- κ B-mediated signal transduction in the mechanism of phenytoin embryopathies," J.C. Kennedy and P.G. Wells, Faculty of Pharmacy and Department of Pharmacology, University of Toronto, Ontario, Canada (Abstract #130).

Second Place: Yad Bhuller, "Contrasting developmental roles for ataxia telangiectasia-mutated (ATM) in modulating the embryonic response to endogenous and xenobiotic-enhanced reactive oxygen species (ROS) in ATM knockout mice," Y. Bhuller and P.G. Wells, Faculty of Pharmacy and Department of Pharmacology, University of Toronto, Ontario, Canada (Abstract #114).

Third Place: Thea Clipson, "Nitric oxide decreases uterine contractility by blocking the closure of ATP-dependent potassium channels," T. Clipson, T.J. Miller, M.A. Philbert, and R. Loch-Caruso, Environmental Health Sciences, University of Michigan, Ann Arbor, MI. (Abstract #1847).

BEST JOURNAL PAPER AWARDS

The winner of the award for best paper in *Toxicological Sciences* was:

Valerie D. Shultz, Suzanne Phillips, Madhabananda Sar,



Paul M. D. Foster, and Kevin W. Gaido. 2001. Altered gene profiles in fetal rat testes after *in utero* exposure to di(n-butyl) phthalate. *Toxicol. Sci.* 64:233-242.

The winner of the award for best paper in *Toxicology and Applied Pharmacology* was:

Xiaozhong Yu, Hisayo Kubota, Ruisheng Wang, Junzo Saegusa, Yasutake Ogawa, Gaku Ichihara, Yasuhiro Takeuchi, and Naomi Hisanaga. 2001. Involvement of Bcl-2 family genes and Fas signaling system in primary and secondary male germ cell apoptosis induced by 2-bromopropane in rat. *Toxicol. Appl Pharmacol.* 174:35-48.

CALL FOR 2003 APPLICATIONS FOR GRADUATE STUDENT/POSTDOCTORAL RESEARCH AWARDS

Applications for RDTSS Graduate Student/Postdoctoral Awards are now being accepted for the 42nd Annual Meeting of the Society of Toxicology in Salt Lake City, Utah.

SOT plaques, along with two or three cash awards (depending on the number of pre- and postdoctoral submissions), and certificates for books from Taylor and Francis will be presented at the RDTSS meeting.

*Applicants for the awards must submit the following by **January 6, 2003**:*

1. Full presentation, including figures and tables, reason for study, and significance of results.
2. A letter of support by the sponsor of the student/postdoctoral fellow.
3. A cover letter outlining the significance of the work to the field of reproductive or developmental toxicology.

All submitted documents will be treated as privileged information.

Electronic submissions are strongly encouraged.

Complete applications must be submitted by **January 6, 2003**, to Dr. John M. Rogers via one of the following:

(for US mail) MD-67, U.S. EPA, Research Triangle Park, NC 27711

(for FEDEX or other courier/overnight only) NHEERL Bldg., 2525 E. NC Highway 54, Durham, NC 27709

Telephone: (919) 541-5177

Fax: (919) 541-5177

E-mail: rogers.john@epa.gov

PLANNING FOR SOT 2004

Start thinking about program ideas for the 2004 meeting!

I know it sounds like a long way off, but start thinking about ideas for symposia, workshops, roundtables, and continuing education courses for the 2004 meeting. We'd like to have a slate in hand by the 2003 meeting to discuss and finalize, as the proposals must be in to SOT Head-quarters shortly after the meeting (April 30, 2003). The Continuing Education Committee has asked for ideas from our Specialty Section and has indicated that specific areas of interest for CE courses might include: changes in endocrine status as a function of age and developmental stage, basic endocrinology, animals as useful models of reproductive and endocrine effects, and mechanisms of reproductive disease. Mechanistically oriented courses are emphasized, as are those that demonstrate the application of new technologies to problems in toxicology. Please consider these and other topics, and begin developing proposals using the form for

submissions and guidelines on the web site (www.toxicology.org). Consider other specialty sections that might be interested and indicate those on the form as well. Then send them to VP Carole Kimmel by January 15, 2003, at (kimmel.carole@epa.gov).

FUNDING OPPORTUNITY

The American Chemistry Council has posted an RfP entitled "*The Impact of Maternal Toxicity of Development of the Nervous, Reproductive, Endocrine and Immune Systems* (RfP No. MTH-02-02). Proposals in response to this RfP must be received by the American Chemistry Council no later than January 10, 2003. For more information please go to <http://www.uslri.com> and click on "Recently Posted RfPs."

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