COMPARATIVE AND VETERINARY SPECIALTY SECTION (CVSS)

ANNUAL REPORT: 2005-2006
June 30, 2005 to July 1, 2006

I. Officers/Committees:

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<tr>
<td>President</td>
<td>Dr. Myrtle Davis</td>
<td>Dr. Wilson Kiiza Rumbeiha</td>
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<td>Vice President</td>
<td>Dr. Wilson Kiiza Rumbeiha</td>
<td>Dr. Daniel Ness</td>
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<td>VP-elect</td>
<td>Dr. Daniel Ness</td>
<td>Dr. Jim Riviere</td>
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<td>Secretary/Treas.</td>
<td>Dr. Randy D. Jones</td>
<td>Dr. Randy Jones</td>
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<td>Councilors</td>
<td>Dr. Jay C. Albretsen</td>
<td>Dr. Laurene Marie Fomby</td>
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<td>Dr. Laurene Marie Fomby</td>
<td>Dr. Kathy Gabrielson</td>
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<td>Past-President</td>
<td>Dr. Stephen Hooser</td>
<td>Dr. Myrtle Davis</td>
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Number of Members: 89

Committees: Awards Committee

II. Activities

2005 Annual Business Meeting/Reception:

The 2005 meeting of the SOT Comparative and Veterinary Specialty Section was held in Room 228 on Wednesday, March 9th at the Ernest N. Morial Convention Center, New Orleans, LA. There were 28 people in attendance.

The meeting was called to order by President, Dr. Bill Valentine. The Secretary/Treasurer’s Report was given by Dr. Randy Jones on behalf of Secretary/Treasurer, Dr. James Deyo. The financial status of the Specialty Section was reviewed, including the membership dues allocation system, past expenses and income. The report was accepted as presented.

The introduction of new officers followed, which included: Dr. Dan Ness, Vice-President Elect, Dr. Wilson Rumbeiha, Vice President, Dr. Randy Jones, Secretary/Treasurer, Dr. Jay Albretsen, Councilor, and Dr. Laurene Fomby, Elected-Councilor.

The Following Awards were issued:
The CVSS Student Awards were presented by Dr. Wilson Rumbeiha. The first place award of $500, a plaque, certificate and gift certificate of $130 from Francis and Taylor was presented to Sachin S. Devi, Department of Toxicology, School of Pharmacy at University of Louisiana at Monroe. His paper was entitled “Disrupted G1 to S phase clearance via cyclin signaling in the impaired liver tissue repair in thiacetamide-treated type 1 diabetic rats”, and has been accepted by Toxicology and Applied Pharmacology. The second place award of $300, a certificate and a gift certificate from Francis and Taylor was awarded to Mary Hassam, Department of Biomedical and Pharmaceutical Sciences at The University of Montana. Her paper was entitled “Particulate
matter immunomodulatory effects on autoantibody development in New Zealand Mice’’ and has been published in the Journal of Immunotoxicology.

**New Business included:**
(a) Sachin Devi accepted appointment as the CVSS Student Liaison.
(b) This year CVSS had 5 sessions accepted that had primary or secondary sponsorship out of 12 submitted. Proposals are needed for platform sessions and workshops; ocular toxicology was submitted in 2004.

I The recognition of outgoing officer awards was presented by Councilor, Dr. Jay Albertsen that included a gavel plaque to Outgoing President, Dr. Bill Valentine and a Certificate of Recognition to Outgoing Councilor, Dr. Charles Capen.
(i)* The Dr. David Dorman Award was discussed as $100/year for a meritorious paper, if such is granted by the CVSS Scholarship Committee.
(ii)* CVSS needs to submit a poster for display at SOT. The previous CVSS Poster was sent to the Officer Team for review and comment. A printed copy was last used at the Central States SOT Meeting in 2002. The meeting was adjourned by Dr. Bill Valentine, and social hour followed.

**2006 Annual Business Meeting/Reception:**
The 2006 meeting of the SOT Comparative and Veterinary Specialty Section was held on, March 6th in Room 4 of the San Diego Convention Center, San Diego, CA. There were 54 people in attendance.

The meeting was called to order by President, Dr. Myrtle Davis. The Secretary/Treasurer’s Report was given by Dr. Randy Jones. The financial status of the Specialty Section was reviewed, including the membership dues income allocation and past expenses. The report was accepted as presented.

The introduction of new officers followed, which included: Dr. Wilson Rumbeiha, President, Dr. Dan Ness, Vice President, Dr. Randy Jones, Secretary/Treasurer, and Dr. Laurene Fomby, Councilor. The Vice President-Elect and Elected-Councilor were not yet announced by SOT. In April 2006 the Vice-President Elect and the Councilor were announced. Dr. Jim Riviere, Vice-President Elect, Dr.Kathleen Gabrielson, Councilor and Student Councilor, Dr. Shashidhara Y. Marulappa. The newly elected 2007 officers included: Dr. Mike Murphy, Vice-President Elect, Dr. Jay Harriman, Secretary/Treasurer and Dr. Ramesh Gupta, Councilor.

**New Business included:**
A newsletter was sent to the membership before the SOT meeting: listing the Continuing Education sources, and encouraging membership to promote in vivo toxicology and animal models, sponsorship of courses, and raise student awareness of in vivo model comparative toxicology. The CVSS poster was displayed during the opening student session. There were 3 Continuing Education courses sponsored by CVSS: Comparative Endocrine Toxicology, Neuropathology for the Toxicologist and Targeted Therapeutic Approach to Anti-Cancer Drug Development.

**The Following Awards were issued:**
The CVSS Student Awards were presented by Dr. Dan Ness. There was a change in submission format and judging. Students were asked to submit abstracts to the Awards Committee, the top
five were selected based on a numeric index and then the complete posters were evaluated. There were 23 submissions. The first place award of $500, a ribbon and gift certificate of $130 from Francis and Taylor was presented to Sharmilee Sawant (Poster #1008), Department of Toxicology, School of Pharmacy at University of Louisiana at Monroe. Her poster was entitled “Type 2 Diabetic Mice are Protected from Acetaminophen Hepatotoxicity”. The second place award of $300, a ribbon and a gift certificate from Francis and Taylor was awarded to Steven Cooper (Poster #459), University of Arkansas for medical Sciences. His poster was entitled “Dietary Effects of Cell Proliferation and Apoptosis in para-Nonylphenol (NP) Induced Polycystic Kidney Disease in Male Sprague-Dawley Rats.”

The recognition of outgoing officer awards was presented by Dr. Wilson Rumbeiha that included a Certificate to Recognition to Outgoing Councilor, Dr. Jay Albretsen, and a gavel plaque to Outgoing President, Dr. Myrtle Davis.

The meeting was adjourned by Dr. Wilson Rumbeiha, President and social hour followed.

**Symposia, Workshops, Roundtables, and CE Courses presented at the 2006 SOT Annual Meeting:**
There were 3 Continuing Education courses sponsored by CVSS: Comparative Endocrine Toxicology, Neuropathology for the Toxicologist and Targeted Therapeutic Approach to Anti-Cancer Drug Development.

### Meetings:

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<thead>
<tr>
<th>Date</th>
<th>Topic {Proposed}</th>
<th>Location {Proposed}</th>
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<tr>
<td>March 6 – 9, 2005</td>
<td>Annual Meeting</td>
<td>New Orleans, LA</td>
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<td>July 7, 2005</td>
<td>Treasurer/Secretary Conference Call</td>
<td>By telephone</td>
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<td>October 6–8, 2005</td>
<td>3rd Veterinary and Comparative Pharmacokinetic Workshop</td>
<td>Raleigh, NC</td>
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<tr>
<td>March 5 – 9, 2006</td>
<td>Annual Meeting</td>
<td>San Diego, CA</td>
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<td>June 10, 2006</td>
<td>Specialty Section Officers Meeting</td>
<td>Angola, IN</td>
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<td>August 8-9, 2006</td>
<td>Specialty Section Officers Meeting</td>
<td>Chicago, IL</td>
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<td>{March 25-29, 2007}</td>
<td>{Annual Meeting}</td>
<td>{Charlotte, NC}</td>
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### III. Financial Report

Net Asset Balance as of 8/1/05: $3,214
Net Asset Balance as of 8/1/06: $3,940
**Scientific Sessions Endorsed by CVSS 2005-2007**

2005
Evaluation of Cardiac Drug Toxicity in Pharmaceutical Discovery and Development
Clinical Pathology - The Granddaddy of Biomarkers
Electrocardiography Safety Evaluation Studies - New Techniques and Approaches
Vinyl Chloride: Legacy and Lessons Learned (A Tribute to Perry J. Gehring)
Organophosphates 7 Carbamates: Cholinergic vs. Noncholinergic Mechanisms

2006
The Collective Experience with In Vitro Development Toxicity Methods
Dietary acrylamide: New or Ancient Risk?
Engineered Nanomaterials: The Bright and the Dark
Developmental Origins of Obesity: Role of Nutrition and Toxicant Exposure
Altered Iron Homeostasis (AIH) as Basis for Pulmonary Immunotoxicologic Effects of Particulate matter
Metrics for Chemical Severity and Potency for Mammalian and Non-Mammalian Receptors and Endpoints
Comparative Endocrinology and Toxicology
Cross-Species Toxicology in the Age of Genomics
Brominated flame Retardants: New Findings
Mode of Action in Relevance of Rodent Liver Tumors to Human Cancer Risk

2007
Novel Computational Strategies for Reducing Chemical Residues in Food of Animal Origin

**CE Courses Endorsed by CVSS 2005-2007**

2005
AM 04 Clinical Pathology - The Granddaddy of Biomarkers
AM 06 Evaluation of Cardiac Drug Toxicity in Pharmaceutical Discovery and Development

2006
AM 02/PM 08 Targeted Therapeutic Approach to Anti-Cancer Drug Development
AM 05 Comparative Endocrine Toxicology
PM 12 Neuropathology for the Toxicologist

2007
Rodent Imaging – Overview for the Toxicologist