Benefits of Membership

- **Networking**: Networking opportunities with professionals active in computational toxicology
- **Stay connected**: Pipeline to trending topics in computational toxicology
- **Mentoring**: New in 2022! Mentoring program that pairs young scientists with experienced computational toxicologists to provide advice on professional development
- **Awards**: Several monetary awards are offered annually, including student, post-doctoral, paper of the year, and diversity awards

Join CTSS Today!

Upcoming CTSS Webinars

**April 27, 2022**

**Title**: The Predictive Toxicogenomics Space (PTGS) Modeling Tool Captures Diverse Cellular and Organ Toxicity Mechanisms and Serves for In Vitro Model-Driven Prediction of Drug-Induced Liver Injury

**Speakers**: Roland Graeström, PhD, Pekka Kohonen, PhD, Institute of Environmental Medicine, Karolinska Institutet, Sweden

CTSS Sponsored Events at SOT 2022

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>Monday, March 28</td>
<td>9:15 AM – 12:00 PM, How to Maximize the Value of Electronic Data via Analytics and Exchange to Create Knowledge: Case Studies across the Pharmaceutical and Regulatory Sectors</td>
<td>CC Ballroom 6B</td>
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<tr>
<td>Tuesday, March 29</td>
<td>1:00 PM – 2:30 PM, Deep Learning and Graph Algorithms: New Approaches in Computational Toxicology</td>
<td>CC Ballroom 6D</td>
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<td>3:30 PM – 4:30 PM, Application of Next-Generation Risk Assessment Principles for Decision-Making</td>
<td>CC Ballroom 6E</td>
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<tr>
<td>Wednesday, March 30</td>
<td>8:00 AM – 10:45 AM, Computational Toxicology Workflows for Prioritization and Safety Assessment of Environmentally Relevant Chemicals</td>
<td>CC Room 6A</td>
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<td></td>
<td>12:00 PM – 1:30 PM, Annual Meeting Business Luncheon</td>
<td>CC Room 2</td>
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<tr>
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<td>1:30 PM – 4:15 PM, Educating 21st-Century Toxicologists: Making In Vitro and In Silico Approaches Part of the Curriculum</td>
<td>CC Ballroom 6B</td>
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<tr>
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<td>1:30 PM – 4:15 PM, Use of Computational Methods for Addressing Occupational Safety: Opportunities to Support the 3Rs</td>
<td>CC Room 1</td>
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Our 2022 Award Winners

- **CTSS Paper of the Year Award**
  - $1500
  - Dr. LinLin Zhao, Genentech, Inc.
  - SOT Abstract: "Application of Matrix Factorization Method for Kinase Data to Support Safety Profiling"

- **Yves Alarie Diversity Award**
  - $2500
  - Dr. Maliha Loh, Rutgers Center for Computational and Integrative Biology
  - SOT Abstract: "Revealing Adverse Outcome Pathways from Public High Throughput Screening Data to Evaluate New Toxicants by a Knowledge-Based Deep Neural Network Approach"

- **CTSS Postdoctoral Researcher Award**
  - $1000
  - Natasha Ciallella, et al., Rutgers Center for Computational and Integrative Biology
  - SOT Abstract: "Pattern recognition in high-dimensional zebrafish behavioral studies using autoencoder based deep learning"

- **CTSS Graduate Student Award**
  - $1000
  - Lauren Ham, et al., Rutgers Center for Computational and Integrative Biology
  - SOT Abstract: "Mechanism-Driven Modeling of Drug-Induced Liver Injury Using Structural Alerts and an Oxidative Stress Screening Assay"

Visit our website to apply for these awards for the 2023 SOT Meeting!