International Neurotoxicology Association (INA)
A Brief Introduction and History

William K. Boyes
INA President (2007-2009)
INA Past President (2009-2011)

July 1, 2011
INA

- An International association to promote scientific knowledge regarding the action of toxic agents on the nervous system.
- Began in 1980s
  - 1984 NATO-ANSI neurotoxicology course in Belgirate, Italy.
  - 1984 Michael Csicsaky (Dusseldorf, Germany) began an informal newsletter. The “neurotoxicology interest group” became INA
  - Neurotoxicology “club” began to meet in the Netherlands (hosted by Jacob Hooisma).
  - 1987 First INA Meeting in Lunteren, Netherlands.
  - Biannual meetings since 1987, proceedings published
INA Development

• Growth in the 1990s
  – Membership and meeting attendance grow
  – INA website (www.neurotoxicology.org)

• Formal incorporation
  – 2002 formal by-laws and statutes are established and INA becomes registered as a non-profit organization in the Netherlands
    • Statutes and by-laws are available on the INA website
  – Joins IUTOX

By-laws of the International Neurotoxicology Association

1 Obligations and Rights of Membership
2
3 Article 1....
INA Membership

Members

• 230 Full members
• 53 Student members
• 36 countries
• Every continent except Antarctica

Membership criteria

– Interest, experience and expertise in the field of neurotoxicology.
– Applications reviewed by Membership Committee
– Annual membership dues: 25 Euros
# INA Executive Council

<table>
<thead>
<tr>
<th>Office</th>
<th>2009-2011</th>
<th>2011-2012</th>
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</thead>
<tbody>
<tr>
<td>President</td>
<td>Donald A. Fox</td>
<td>Jordi Llorens</td>
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<td>President-Elect</td>
<td>Jordi Llorens</td>
<td>Christoph van Thriel</td>
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<tr>
<td>Past-President</td>
<td>William Boyes</td>
<td>Donald A. Fox</td>
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<tr>
<td>Secretary</td>
<td>Philip Bushnell</td>
<td>Sandra Allen</td>
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<td>Treasurer</td>
<td>Jan Lammers</td>
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<td>Councilor</td>
<td>Jingyuan Chen</td>
<td>Eugenio Vilanova</td>
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<td>Councilor</td>
<td>Ginger Moser</td>
<td>Remco Westerink</td>
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Recent & Current INA Presidents

INA presidents are also active in SOT and IUTOX

Presidents/Executive Secretaries

Miki Aschner                  Steve Bondy
Will Boyes                      Lucio Costa
Michael Csicsaky           Larry Fechter
Donald Fox                     Jacob Hooisma
Jordi Llorens                  Carey Pope
Jordi Llorens 2011-2013
David Llorens
David Ray
Carey Pope

Gerhard Winneke
<table>
<thead>
<tr>
<th>Meeting</th>
<th>Location</th>
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<tbody>
<tr>
<td>1987 - INA1</td>
<td>Lunteren, The Netherlands</td>
<td>2001 – INA8</td>
<td>Estoril, Portugal</td>
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<td>1989 – INA 2</td>
<td>Sitges, Spain</td>
<td>2003 - INA9</td>
<td>Dresden, Germany</td>
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<td>1991 – INA 3</td>
<td>Parma, Italy</td>
<td>2005 – INA10</td>
<td>Porvoo, Finland</td>
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<td>1993 – INA 4</td>
<td>Elsinore, Denmark</td>
<td>2007 – INA11</td>
<td>Asilomar, California USA</td>
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<tr>
<td>1995 – INA 5</td>
<td>Port Ludlow, Washington, USA</td>
<td>2009 – INA12</td>
<td>Jerusalem, Israel</td>
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<td>1997 – INA6</td>
<td>Szeged, Hungary</td>
<td>2011 – INA13</td>
<td>Xian, China</td>
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<tr>
<td>1999 – INA7</td>
<td>Leicester, United Kingdom</td>
<td>2013 – INA 14</td>
<td>The Netherlands</td>
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Some of the Organizers

Larry Fechter
Yoram Finkelstein
Ole Ladefoged
Andreas Seeber
Christoph van Thriel
Markku Sainio
David Ray
Recent Meeting Themes

✓ Gene-Environment Interactions
✓ Neuroprotection and Neurotoxic Injury Repair
✓ Neurotoxic Mechanisms
✓ From Molecules to Clinical Disease to Human Behavior
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<tr>
<th>INA</th>
<th>Location / Theme</th>
<th>Source</th>
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<tbody>
<tr>
<td>1</td>
<td>Lunteren, The Netherlands</td>
<td>Toxicol 49(1) 1988</td>
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<tr>
<td>2</td>
<td>Sitges, Spain</td>
<td>Neurotoxicol Teratol (12(6), 1990)</td>
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<tr>
<td>3</td>
<td>Parma, Italy</td>
<td>NeuroTox, 13(1), 1992</td>
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<td>4</td>
<td>Elsinore, Denmark</td>
<td>NeuroTox, 15(3), 1994</td>
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<td>5</td>
<td>Port Ludlow, Washington, USA</td>
<td>NeuroTox, 17(3-4), 1996</td>
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<td>6</td>
<td>Szeged, Hungary</td>
<td>NeuroTox, 19(4-5), 1998</td>
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<td>7</td>
<td>Leicester, United Kingdom</td>
<td>NeuroTox, 21(4), 2000</td>
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<tr>
<td>8</td>
<td>Estoril, Portugal</td>
<td>NeuroTox, 23(6), 2002</td>
</tr>
<tr>
<td>9</td>
<td>Neurotoxicological Mechanisms of Occupational and Environmental Exposure</td>
<td>Environ Toxicol Pharmacol 19(3), 2005</td>
</tr>
<tr>
<td>10</td>
<td>Neurotoxicology: from molecules to clinical disorders and human behavior</td>
<td>Human &amp; Experimental Toxicol, 26(4) 2007</td>
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<tr>
<td>11</td>
<td>Neuroprotection and Promotion of Repair Following Neurotoxic Injury</td>
<td>NeuroTox, 29(3), 2008</td>
</tr>
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<td>12</td>
<td>Gene-Environment Interactions in Neurotoxicology</td>
<td>NeuroTox, 31(5), 2010</td>
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Neurotoxicity and Neurodegeneration: Local Effect and Global Impact

• INA13 & NEUROH-11
• First joint meeting of INA with ICOH/SCNP
• First INA meeting in Asia

Wei Zheng, Jingyuan Chen, Michael Aschner

• International Organizing Committee
  – Dr. Wei Zheng, Chairman
• Local Organizing Committee
  – Dr. Jingyuan Chen (INA), Chair
  – Dr. Yuxing Zheng (ICOH), Co-Chair
• Advisory Committee
  – Gen. Daiming Fan, President of FMMU
• Scientific Program Committee (INA)
  – Dr. Donald Fox, Chair
• Scientific Program Committee (ICOH)
  – Dr. Roberto Lucchini
INA Meetings

- Hooisma Memorial Lecture
- Scientific plenary sessions
- Student symposium
- Posters
- Social day
  - Local interest
  - Football (soccer) game
- Banquet
- Business meeting
- Ample time for personal interactions and discussions

Jacob Hooisma
1945-1994
Memories from Past Meetings
Hooisma Lecturers

Clive Harper – INA-10, Finland

Hans Rosling– INA -9, Dresden
Social Program
Local Interest and cultures
Gathering time
Students and Mentors
Football (Soccer)
Football (Soccer)
Become a member!

- Application forms on the website
- www.neurotoxicology.org

Acknowledgement

- Thanks to Ginger Moser