

**Theme:** New Insights of Advanced Research and Treatment strategies in Epilepsy

### Summary

Epilepsy-2015 welcomes attendees, presenters, and exhibitors from all over the world to Baltimore, USA. We are delighted to invite you all to attend and register for the "International Conference on Epilepsy and Treatment (Epilepsy -2015)" which is going to be held during September 21-22, 2015 at Baltimore, USA.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the Epilepsy-2015, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Epilepsy-2015 organizing committee look forward to meeting you in Baltimore, USA.

For more details please visit-<http://epilepsy-treatment.conferenceseries.com/>

### Importance & Scope

Epilepsy is a chronic disorder of the brain that affects people of all ages. According to WHO (World Health Organization) statistics; Around 50 million people in the world have epilepsy. The estimated proportion of the general population with active epilepsy (i.e. continuing seizures or the need for treatment) at a given time is between 4 to 10 per 1000 people. Nearly 80% of the people with epilepsy are found in developing regions. However, some studies in developing countries suggest that the proportion is between 6 to 10 per 1000. In developed countries, annual new cases are between 40 to 70 per 100 000 people in the general population. In developing countries, this figure is often close to twice as high due to the higher risk of experiencing conditions which leads to permanent brain damage. Close to 80% of epilepsy cases worldwide are found in developing regions. The risk of premature death in people with epilepsy is two to three times higher than it is for the general population. [Source: Ref: 1]

### Why Baltimore?

Baltimore - the colorful, diverse city that is Maryland's largest city and economic hub is known for its beautiful harbor, distinct neighborhoods; unique museums and the world-renowned Johns Hopkins Hospital to the east and the University of Maryland Medical Center to the west. The Baltimore area is known for health and science, which is in part, attributed to the prestigious Johns Hopkins University, with its extensive undergraduate and graduate schools, the University of Maryland at Baltimore. Johns Hopkins Hospital and Johns Hopkins University, now serving as the city's top two employers. [Source: Ref 2]

### Why to attend???

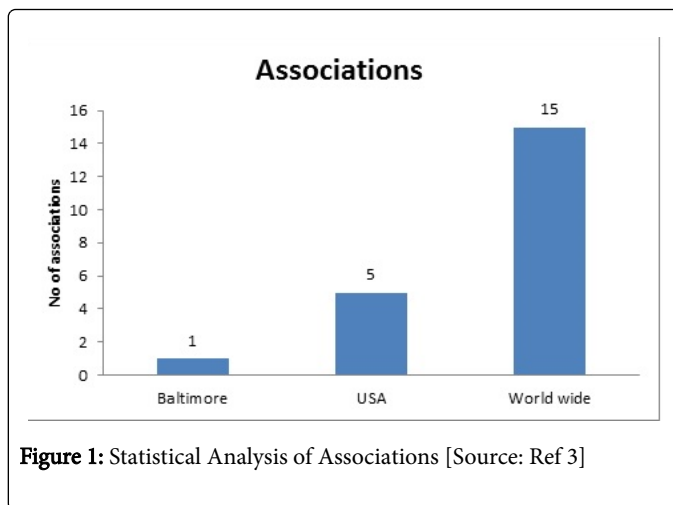
With members from around the world focused on learning about Epilepsy and Antiepileptic drugs, this is your single best opportunity to reach the largest assemblage of participants from the scientific community. Conduct demonstrations, distribute information, meet with eminent personalities, and make a splash with novel antiepileptic line and latest diagnostic methods at this outstanding event. World-renowned speakers, the most recent Diagnostic techniques, tactics, and the newest updates in the field of Epilepsy are hallmarks of this conference.

**A Unique Opportunity for Advertisers and Sponsors at this International event:**

<http://epilepsy-treatment.conferenceseries.com/sponsors.php>

### Major Epilepsy Associations in Baltimore

- Epilepsy association of Maryland
- Major Epilepsy Associations in USA
- International Brain Research Organization (IBRO)
- International Bureau for Epilepsy
- The Anita Kaufman Foundation
- American Epilepsy Society
- Epilepsy Foundation of America
- Major Epilepsy Associations around the Globe
- Epilepsy Therapy Project (ETP)
- European Academy of Neurology
- American Academy of Pediatrics
- American Neurological Association (ANA)
- American Academy of Neurology



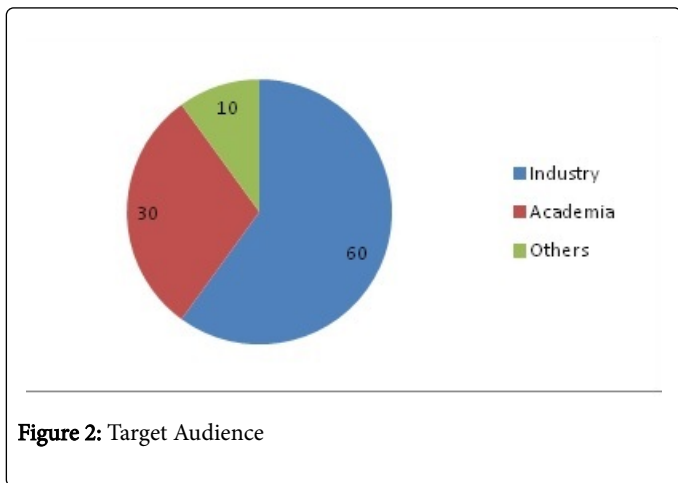
**Figure 1:** Statistical Analysis of Associations [Source: Ref 3]

**Target Audience:**

Neurologists, Epileptologists, Pharmacists, Research scientists, Epilepsy organizations Biopharmaceutical (drug design and discovery) companies, Anti- Epileptic drug Industries, Epilepsy associations & foundations, Professors and Students from Academia in the study of Epilepsy field.

**Target Audience:**

- Industry 30%
- Academia 60 %
- Others 10%



**Figure 2:** Target Audience

**Top Universities in Baltimore**

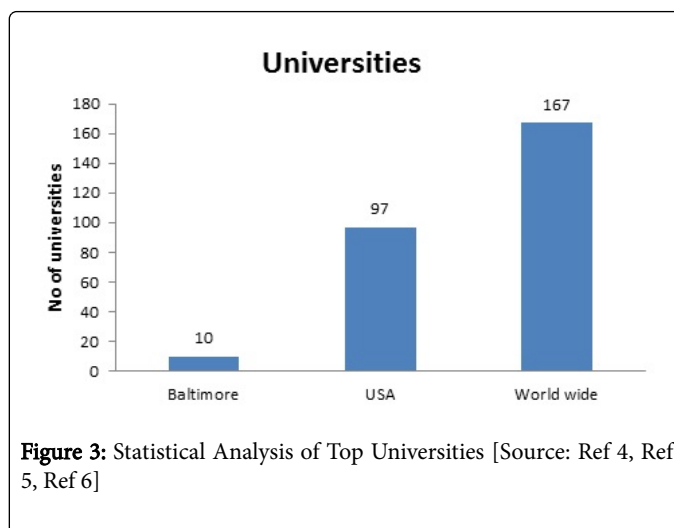
- University of Maryland
- Johns Hopkins University
- Towson University
- Salisbury University
- Notre Dame Maryland University

**Top Universities in USA**

- Harvard University
- University of Virginia
- Stanford University
- Cornell University
- University of Washington

**Top Universities around the globe**

- University of Florida
- Yale University
- Duke University
- University of Arizona
- Columbia University



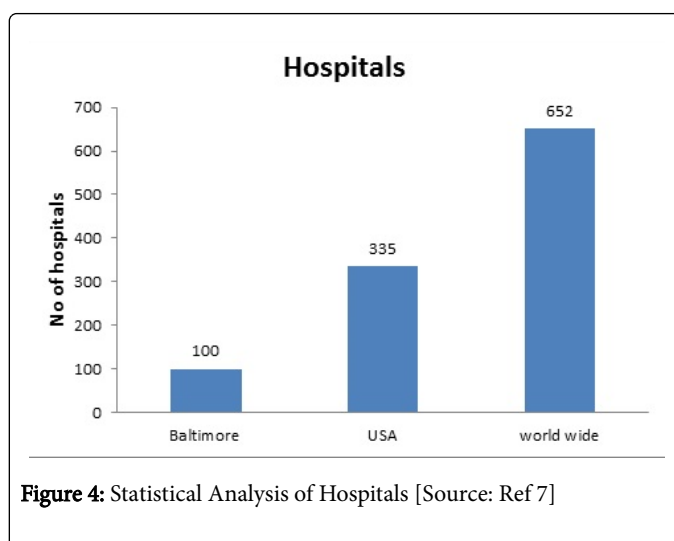
**Figure 3:** Statistical Analysis of Top Universities [Source: Ref 4, Ref 5, Ref 6]

**Major Hospitals in Baltimore**

- John Hopkins university Hospital
- Maryland Epilepsy centre
- MedStar Georgetown University Hospital
- Major Hospitals in USA
- Mayo Clinic Arizona Epilepsy center
- University of Cincinnati Epilepsy centre
- Columbia comprehensive Epilepsy centre

**Major Hospitals around the Globe**

- Children’s Hospital of Colorado
- UCSF Epilepsy Centre
- UC Davis Comprehensive Epilepsy Program
- UC Davis Comprehensive Epilepsy Program
- UC San Diego Epilepsy Centre



**Figure 4:** Statistical Analysis of Hospitals [Source: Ref 7]

**Top companies in Baltimore**

- Eisai
- Lupin pharmaceuticals

### Top companies in USA

- Abbott Laboratories
- GlaxoSmithKline
- Johnson & Johnson
- Novartis
- Pfizer
- UCB Pharma
- Sanofi Aventis
- Shire
- Cephalon

### Top companies around the globe

- Sage therapeutics
- Upsher smith
- Sanofi
- Sunovion Pharmaceuticals
- Valeant Pharmaceuticals

Market Share	Company	Product
26.1%	Pfizer	Lyrica, Neurontin
23.8%	Johnson & Johnson	Topamax
15.3%	UCB Pharma	Keppra
11.5%	Abbott	Depakote
11.2%	GSK	Lamictal
6.9%	Novartis	Trileptal, Tegretol
4%	Sanofi Aventis	Depakine
0.7%	Shire	Carbatrol
0.5%	Cephalon	Gabitril

Figure 6: Market share of Antiepileptic drugs [Source: ref 13]

### NIH statistics of Funding for Epilepsy research (2013-15), total Millions\$

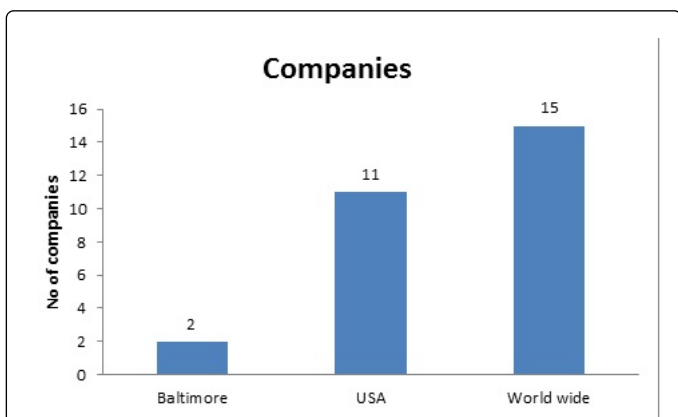


Figure 5: Companies Associated with Antiepileptic drugs [Source: Ref 8, Ref 9, Ref 10, Ref 11, Ref 12]

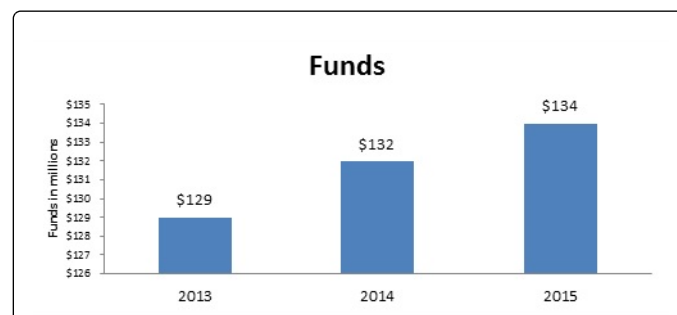


Figure 7: Funds for epilepsy research [Source Ref 14]

### Glance at Market share of Antiepileptic drugs

The major players in the antiepileptic market include Abbott Laboratories, Cephalon, GlaxoSmithKline, Johnson & Johnson, Novartis AG, Pfizer, Sanofi-Aventis SA, Shire, and UCB Pharma. Pfizer maintains the largest market share in the antiepileptics market with 26.1% for its two products, Lyrica and Neurontin. Johnson & Johnson market share is estimated as 23.8% where as UCB Pharma is around 15.3%.

The market share of Abbott and GSK is more or less same 11.5 % ( Abbott) and 11.2 % ( GSK). Other antiepileptic drugs companies' market share includes Novartis (6.9%), Sanofi Aventis (4%), Shire (0.7%) and Cephalon (0.5%).

### Statistics of Students, Researchers, Academicians and Physicians

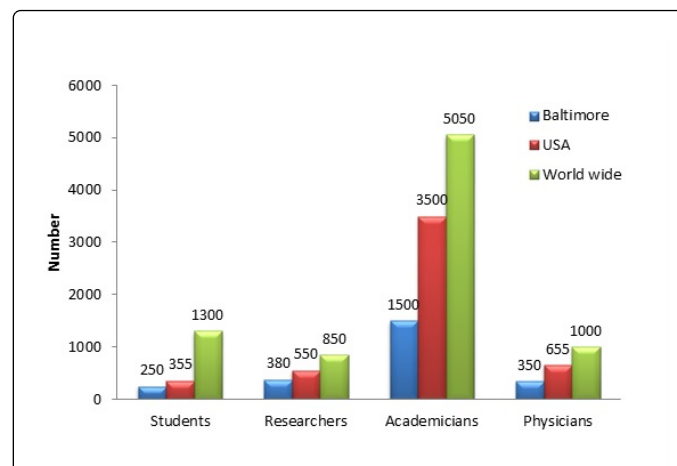


Figure 8: Students, researchers, Academicians and physicians working on epilepsy [Source: Ref 15]

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## Reference

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  3. <http://www.ilae.org/Visitors/Centre/Links.cfm>
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