

Date & Venue: July 20-22, 2015 Brisbane, Australia

(Theme: Tracking and Tackling Drug Developments in Pharmacology)

## Summary:

Pharmacology-2015 welcomes attendees, presenters, and exhibitors from all over the world to Brisbane, Australia. We are delighted to invite you all to attend and register for the “**World Congress on Pharmacology (Pharmacology-2015)**” which is going to be held during July 20-22, 2015 in Brisbane, Australia.

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 Pharmacology-2015, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Pharmacology-2015 organizing committee look forward to meeting you in Brisbane, Australia.

For more details please visit- <http://pharmacology.pharmaceuticalconferences.com/>

## Importance & Scope:

‘Pharmacology’ is an international forum to present and discuss current perspectives in drug research. Pharmacology is the unified study of the properties of chemicals and living organisms and all aspects of their interactions. It is an integrative rather than an autonomous science, drawing on the techniques and knowledge of many allied scientific disciplines. Hence it will be a platform for researchers, scientists, professional involved with drug development.

It is important to understand drugs and how they can affect living things. It is with better understanding of Pharmacology one can know the right dosage of drugs. More research in pharmacology deals with identifying and responding to drug interactions reactions and side effects and treat accordingly. It is useful to understand the process of drug intake, absorption, distribution, metabolism and elimination. More intensive study with the interaction between drug and its effect helps in identify the properties of ideal drugs and otherwise..

## Why Australia?

Australian Pharmaceutical market is AUD 22 Billion according to IBIS Pharmaceutical product in Australia and AUD 30.5 Billion as 2020 Forecast. Australia is the 15th largest pharmaceutical industry and is leading country in research and Development. Australia has a proud history of seven Nobel winners in medicine. Australia has high expenditure on R & D with increase in generic growth. On an annual review the addition of expensive innovative drugs to the Pharmaceutical benefit Scheme (PBS) by Australian Government is increasing. There is a large pipeline of pharmaceutical companies.

Recent Funds Raised to Australian Universities in Medical Research by NHMRC (National Health and Medical Research Council) 1

Professor Katrina Allen, Murdoch Children’s Research Institute (\$459,687)

Professor Jodie Dodd, University of Adelaide (\$551,436)

Professor Jon Emery, University of Melbourne (\$459 687)

## Conference Highlights:

- Clinical Pharmacology and its applications
- Neuro pharmacology and its advances
- Psychopharmacology

- Pharmacogenetics and Pharmacogenomics
- Pharmacoepidemiology and Drug Safety
- Toxicology
- Theoretical pharmacology
- Posology
- Forensic pharmacology and toxicology
- Vascular pharmacology
- Environmental pharmacology

## Why to attend???

With members from around the world focused on learning about drug developments and pharmacological studies; this is your single best opportunity to reach the largest assemblage of participants from the Pharmacology community. Conduct presentations, distribute information, meet with current and potential scientists, make a splash with new drug developments, and receive name recognition at this 2-day event. World-renowned speakers, the most recent techniques, developments, and the newest updates in Pharmacology are hallmarks of this conference.

A Unique Opportunity for Advertisers and Sponsors at this International event: <http://pharmacology.pharmaceuticalconferences.com/Sponsorship.pdf>

## Major Pharmacology Associations around the Globe

- American Academy of Veterinary Pharmacology and Therapeutics
- American Board of Clinical Pharmacology
- Argentine Society for Experimental Pharmacology
- Association of Pharmacologists of Ukraine
- Australian Physiological and Pharmacological Society
- British Association for Psychopharmacology
- Colombian Association of Pharmacology

## Major Pharmacological Associations in Australia

- Pharmaceutical society of Australia

Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists

Australian Physiological and Pharmacological Society

The Pharmacy guild of Australia

Australian Science pharmaceutical Associations

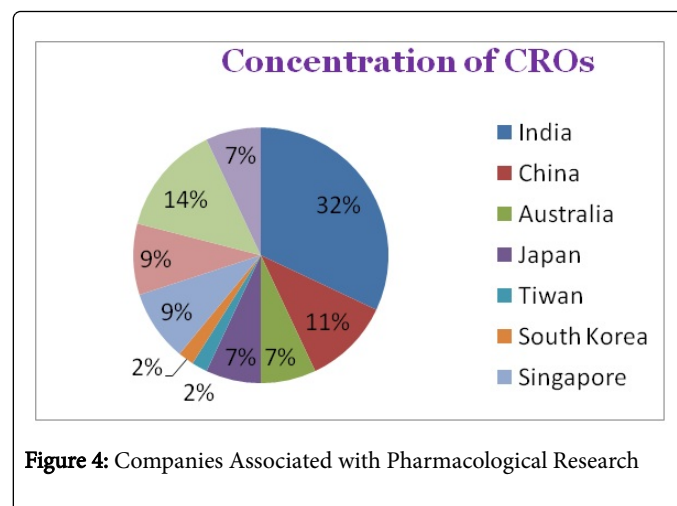
**Target Audience:**

Students, Scientists, Researchers, and Faculty of Pharmaceutical Universities, Medical Colleges, Researchers from Pharmaceutical Companies, Pharmacy Associations and Societies, Business Entrepreneurs, Training Institutes, Software developing companies, Manufacturing Medical Devices Companies, CRO and Data Management Companies.

**Top Universities in Australia:**

- Monash University
- University of Perth
- University of Adelaide
- University of Melbourne
- University of Australia
- University of Sydney
- University of New Southwales
- University of Queensland
- University of Canberra
- James Cook University
- University of Tasmania
- University of South Australia
- Curtin University
- University of Western Australia
- La Trobe University
- Charles Struth University

**Global concentration of Research Organizations**



**Figure 4:** Companies Associated with Pharmacological Research

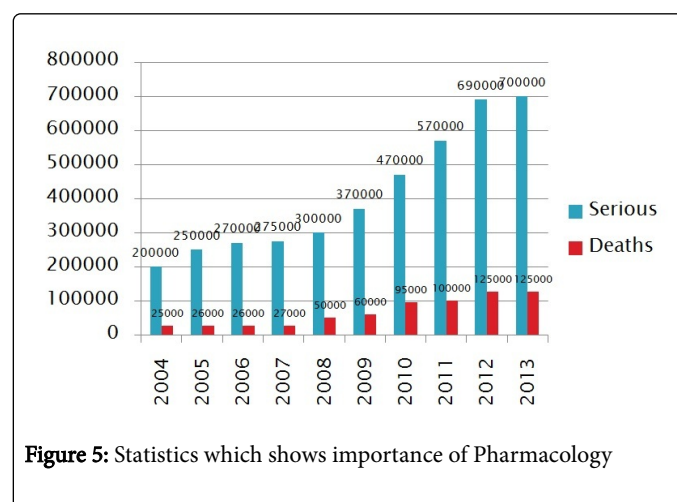
Reference source

The graph represents the percentage of CROs. A significant portion of R&D budgets are spent on outsourcing services (domestic and/or international) offered by the CRO industry, approximately \$15 billion in 2007. This figure is expected to grow at 15% over the next seven years and should increase further with the broadening of the spectrum of services outsourced to cover the entire value chain. As outsourced services in developing countries such as China and India move up the value chain to cover phase 1/2 trials, the total contracts value may increase to \$30 billion by 2015.

**Glance at Market of Pharmacology:**

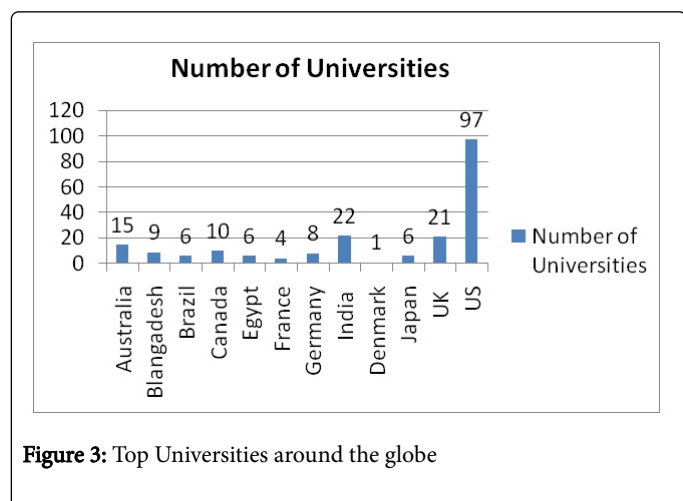
These data describe the outcome of the patient as defined in U.S. reporting regulations. Serious means that one or more of the following outcomes were documented in the report: death, hospitalization, life-threatening. There is a need to impede serious adverse effects caused by the drugs by enhancing drug targeting through research in pharmacology.

**U.S FDA Reporting by Patient Outcomes by Year**



**Figure 5:** Statistics which shows importance of Pharmacology

Reference source



**Figure 3:** Top Universities around the globe

Reference source

**References:**

1. <https://www.nhmrc.gov.au/media/releases/2014/nhmrc-supports-stars-australian-clinical-research>
2. <http://www.pharmacy.org/schools.html>

3. <http://www.meduni-graz.at/pharma/pharma-www/indexsoc.htm>
4. <http://biopharmguy.com/links/company-by-location-clinical-research.php>
5. <http://www.biospectrumindia.com/biospecindia/news/157966/cro-hotspots-india-confident-dominate>
6. <http://www.fda.gov/drugs/guidancecomplianceregulatoryinformation/surveillance/adversedrugs/effects/ucm070461.htm>
7. <http://www.pharmaceutical-business-review.com/>