

# 4th International Conference and Exhibition on Orthopedics & Rheumatology

Date & Venue: October 26-28, 2015 Baltimore, USA

(Theme: Access the cutting-edge information and maximize networking opportunities in the field of Orthopedics & Rheumatology)

## Summary:

Orthopedics is a branch of surgery which is especially concerned with the preservation and restoration of the function of the skeletal system, its joints, and associated structures like ligaments and tendons. Rheumatology is the branch of medicine that deals with the treatment (preventive, active and rehabilitative) of patients suffering from joint and musculoskeletal diseases, including diffuse diseases of the connective tissue, but excluding trauma. Osteoporosis is a widespread metabolic bone disease characterized by decreased bone mass and poor bone quality. It leads to an increased frequency of fractures of the hip, spine, and wrist. Osteoporosis is a global public health problem currently affecting more than 200 million people worldwide. Rheumatic diseases can affect anyone regardless of age, gender or race, but rheumatologists have long known that certain rheumatic diseases are more prevalent in minority populations than they are in the general population. They have also known that certain rheumatic diseases differ in severity and outcome across ethnic groups. Realizing the importance of prevention, more research work is going on in Orthopedics and Rheumatology fields to let the world know about them.

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

For more details please visit- <http://orthopedics-rheumatology.conferenceseries.com/>

## Importance & Scope:

Orthopedics is a branch of surgery which is especially concerned with the preservation and restoration of the function of the skeletal system, its joints, and associated structures like ligaments and tendons. Rheumatology is a sub-specialty in internal medicine and pediatrics, devoted to diagnosis and therapy of rheumatic diseases.

Orthopedics-2015 aims to bring together leading academic scientists, researchers, orthopedic surgeons, Rheumatologists, Business delegates, talented student communities and research scholars to exchange and share their experiences and research results about all aspects of Orthopedics & Rheumatology. It also provides the chance for the attendees to present and discuss the most recent innovations, trends, and concerns, practical challenges encountered and the solutions adopted in the fields of Orthopedics & Rheumatology. Orthopedics-2015 is an international platform for presenting research about Orthopedics & Rheumatology, exchanging ideas about it and thus, contributes to the dissemination of knowledge in those fields.

## Why Baltimore?

Baltimore is one of the best cities to organize an international conference on Orthopedics & Rheumatology. The research work going on in the field is in a good range when compared to the other cities. It has the best hospitals which are having the orthopedics and rheumatology as their specialties. There are more number of world famous surgeons and academicians in Baltimore, when compared to the other cities.

Baltimore the largest and independent city in the state of Maryland which has been founded in 1729, named after Lord Baltimore. The city has one of the largest seaports in USA, and is also known as Charm City. The name Charm City has been given for improving the city's reputation. The city is located in the central area of the state. Baltimore was once a leading manufacturing center and later it became a service oriented economy. The Piedmont Plateau and the Atlantic Coastal Plain, divides Baltimore into lower and upper city. Baltimore city has a

total area of 92.052 square miles. Baltimore played an important role in the Second war of independence in defending British attack on Baltimore. That triumph for Baltimore was celebrated in a poem and is now their national anthem. Coming to climate the city falls under subtropical zone where the weather can vary day-by-day. By the end of 19th century trade has been replaced by manufacturing and made Baltimore an important industrial hub. The city continued to export excess amounts of food items, tobacco, and cotton to Europe which has the largest product value.

## Conference Highlights:

- Orthopedic Degenerative Diseases
- Arthropathies and Inflammatory Myopathies
- Connective Tissue Disorders and Soft Tissue Rheumatism
- Arthritis - Types and Treatment
- Rheumatoid Arthritis - Pathophysiology & Treatment
- Bone Disorders and Osteoarthritis
- Bone Tumors and Musculoskeletal Oncology
- Sports and Importance of Complementary Approaches
- Ultrasound, Imaging and Diagnostic Techniques
- Orthopedic Surgery and Orthopedic Trauma
- Pharmacological Treatment and Medications
- Orthopedic Rehabilitation and Nursing care
- Outpatient Orthopedic Disorders
- Advanced Treatment Techniques in Orthopedics & Rheumatology

## Major Orthopedic Associations around the Globe

Scoliosis Research Society

European Orthopaedic Research Society

Asia Pacific Orthopaedic Association

Spine Arthroplasty Society

- Combined Orthopaedic Associations
- Musculoskeletal Tumour Society
- Australian Orthopaedic Association
- Austrian Orthopaedic Society
- Belgian Orthopaedic and Trauma Society
- British Orthopaedic Foot and Ankle Society
- British Orthopaedic Association

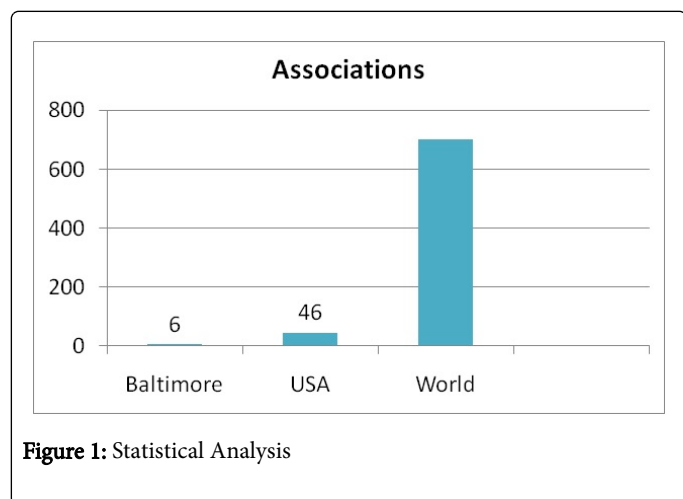
**Major Orthopedic Associations in USA**

- American Academy of Orthopaedic Surgeons
- American Orthopaedic Association
- American Association of Orthopaedic Medicine
- Western Orthopaedic Association
- Orthopaedic Research Society
- American Orthopaedic Foot and Ankle Society
- American Orthopaedic Society for Sports Medicine
- Orthopaedic Trauma Association
- National Association of Orthopaedic Nurses

**Major Orthopedic Associations in Baltimore**

- Towson Orthopaedic Associates
- Orthopaedic Associates of Central Maryland
- Greater Chesapeake Orthopaedic Associates
- Sinai Orthopedic Associates
- Arthritis Foundation
- Rheumatology Associates

**Statistical Analysis of Associations**



Source: Reference – 1, 2, 3

**Target Audience:**

Orthopedic surgeons, Rheumatologists, Academicians, Clinicians, Researchers, Physical therapists, Health care professionals, students, business delegates and Young researchers.

Academia 60%

Industry 30%  
Others 10%

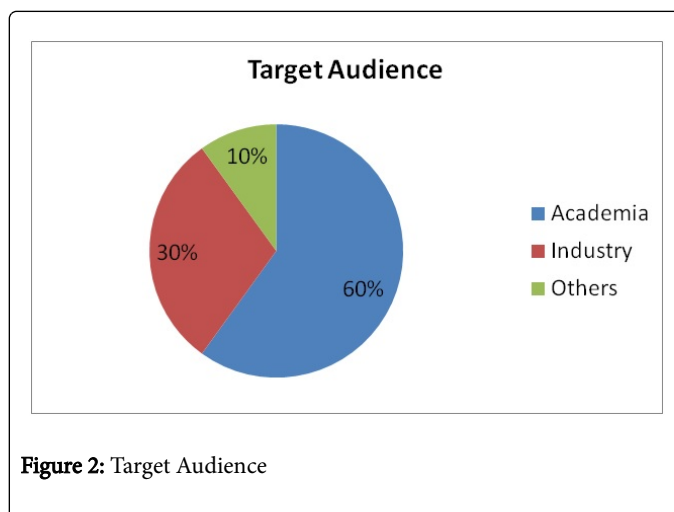


Figure 2: Target Audience

Source: Reference – 4, 5

**Top Universities in USA:**

- Johns Hopkins University
- Stanford University
- Thomas Jefferson University
- University of Maryland School of Medicine
- Case Western Reserve University
- Yale University
- University of California—San Francisco
- Baylor College of Medicine
- University of Baltimore
- The University of Pennsylvania

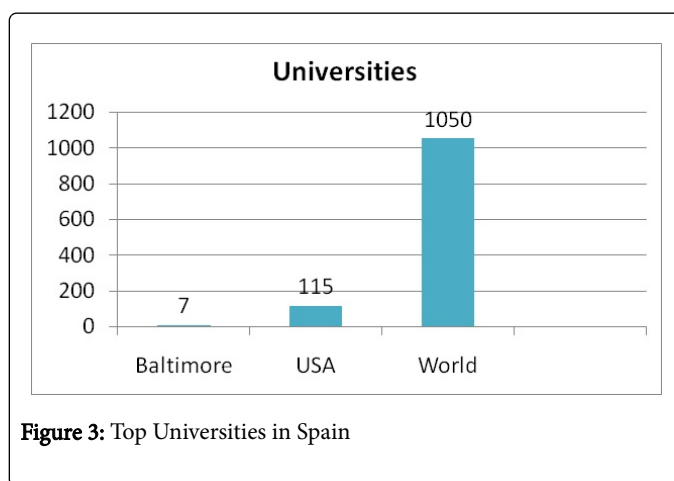
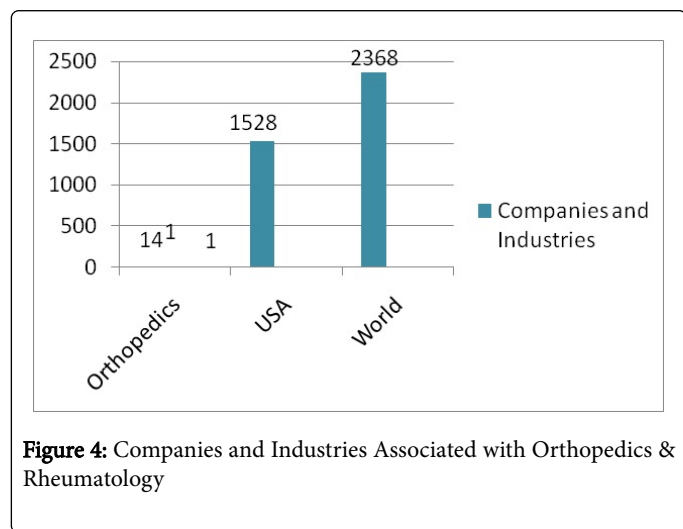


Figure 3: Top Universities in Spain

Source: Reference – 6, 7

### Companies and Industries Associated with Orthopedics & Rheumatology



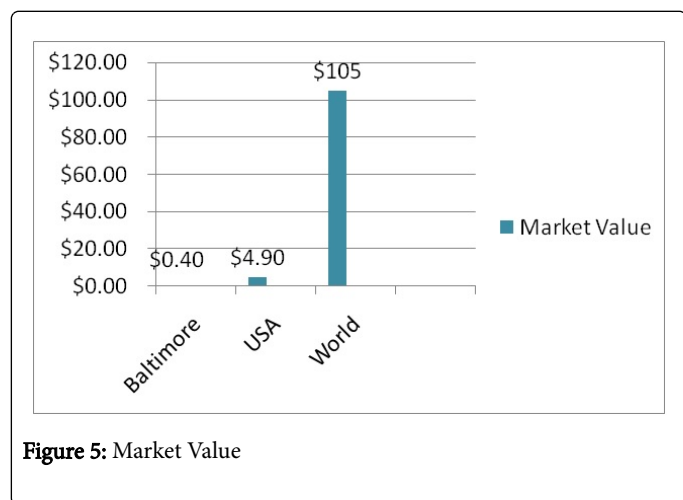
**Figure 4:** Companies and Industries Associated with Orthopedics & Rheumatology

Source: Reference – 8, 9

### Glance at Market of Advertising and Marketing:

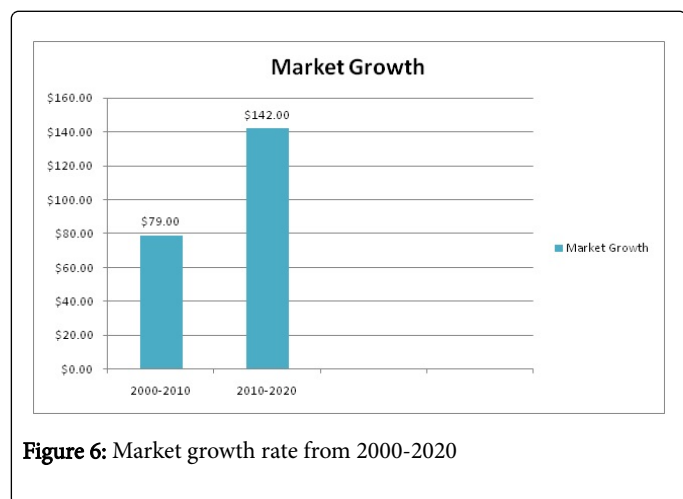
The Global sale of Orthopaedic Drugs, Implants, and Devices value is \$105 billion and where as in the USA, it is \$4.9 billion.

### Market Value of Orthopedics & Rheumatology:



**Figure 5:** Market Value

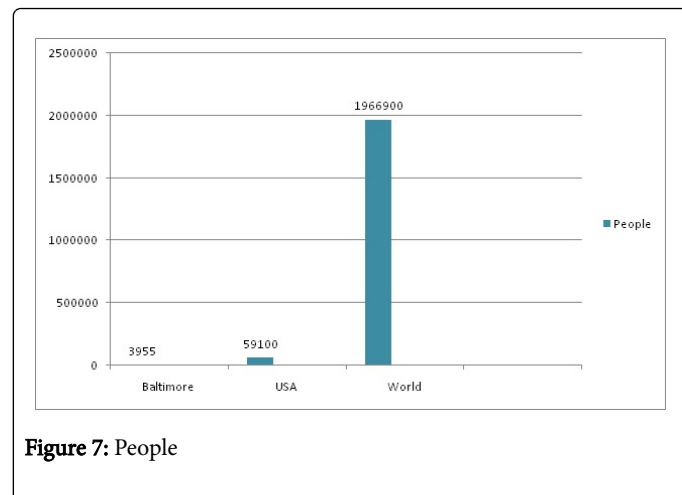
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**Figure 6:** Market growth rate from 2000-2020

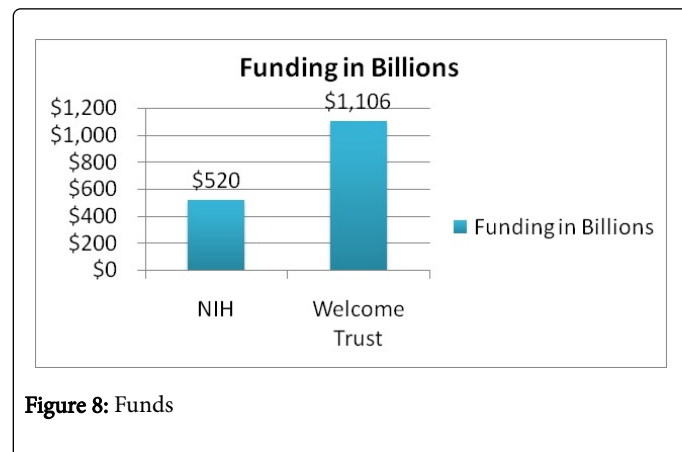
Source: Reference - 11

### Statistics of Physicians, Researchers and Academicians working on Orthopedics & Rheumatology:



**Figure 7:** People

### Funds Allotted:



**Figure 8:** Funds

Source: Reference – 12, 13

### References:

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