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4TH WORLD CONGRESS AND EXPO ON
APPLIED MICROBIOLOGY

November 29-December 01, 2017 // Madrid, Spain

4th World Congress and Expo on Applied Microbiology



Madrid, Spain

November 29-December 01, 2017

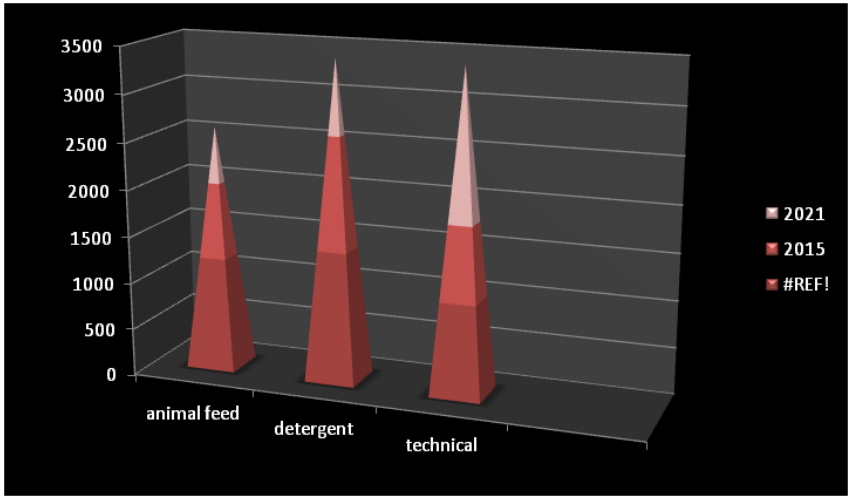
appliedmicrobiology@microbiologyconferences.org

Applied Microbiology 2017

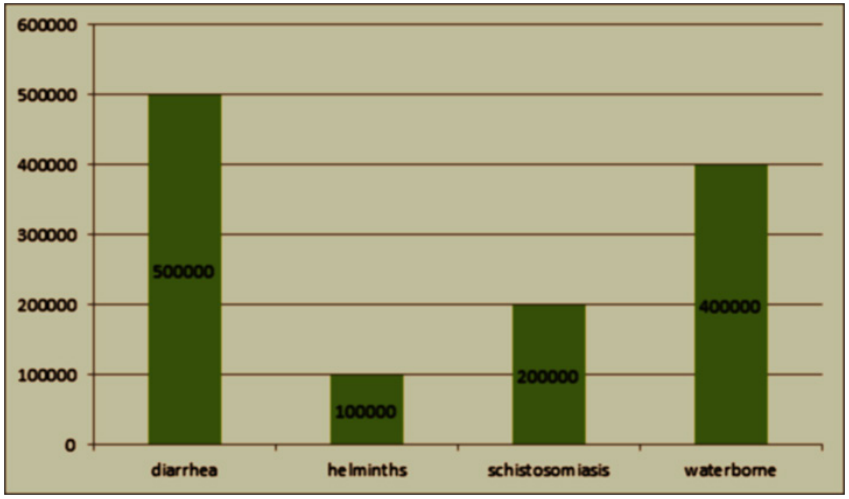
The global clinical microbiology market is valued at $6,727.29 million in 2014 and is expected to grow at a CAGR of 13.03% between 2014 and 2019. Increasing disease burden of infectious diseases and increased funding for healthcare expenditure are the important growth drivers for this market during the forecast period. The pharmaceuticals application segment accounted for the largest share of the microbiology market in 2014, while the food application segment is expected grow at the highest CAGR between 2014 and 2019 in the global microbiology market.

The clinical microbiology market is segmented on the basis of products into consumables and instruments. The consumables product segment is further sub segmented into kits and reagents. The instruments segment is sub segmented into automated microbiology instruments, laboratory instruments, and microbiology analyzers. The automated microbiology instruments are expected to grow at the highest growth rate in the instruments segment. The incubators are expected to grow at the highest growth rate in the laboratory instruments market. Mass spectrometers, are expected to grow at the highest growth rate in the microbiology analyzers segment. In the consumables segment kits are expected to account for the largest share and expected to grow at the highest growth rate during the forecast period. The geographic analysis revealed that North America accounted for the largest share of the global clinical microbiology market in 2014. The Asian regional segment, on the other hand, is expected to register a double-digit growth rate from 2014 to 2019, owing to the increased healthcare spending in this region

Global Markets for Enzymes in Industrial Applications



Microbes related disease approx. mortality per year:



The global clinical microbiology market is valued at $6,727.29 million in 2014 and is expected to grow at a CAGR of 13.03% between 2014 and 2019. Increasing disease burden of infectious diseases and increased funding for healthcare expenditure are the important growth drivers for this market during the forecast period. The pharmaceuticals application segment accounted for the largest share of the microbiology market in 2014, while the food application segment is expected grow at the highest CAGR between 2014 and 2019 in the global microbiology market. The clinical microbiology market is segmented on the basis of products into consumables and instruments. The consumables product segment is further sub segmented into kits and reagents. The instruments segment is sub segmented into automated microbiology instruments, laboratory instruments, and microbiology analyzers. The automated microbiology instruments are expected to grow at the highest growth rate in the instruments segment. The incubators are expected to grow at the highest growth rate in the laboratory instruments market. Mass spectrometers, are expected to grow at the highest growth rate in the microbiology analyzers segment. In the consumables segment kits are expected to account for the largest share and expected to grow at the highest growth rate during the forecast period. The respiratory diseases segment accounted for the largest share of the clinical microbiology market in 2014. This application segment is expected to grow at the highest CAGR between 2014 and 2019 in the clinical microbiology market. The geographic analysis revealed that North America accounted for the largest share of the global clinical microbiology market in 2014. The Asian regional segment, on the other hand, is expected to register a double-digit growth rate from 2014 to 2019, owing to the increased healthcare spending in this region.

Evolution Of Microbial Market :

Biomicrobial market has been used successfully to explain cooperative behavior in many animal species. Microbes also engage in cooperative behaviors, both with hosts and other microbes, that can be described in economic terms. However, a market approach is not traditionally used to analyze these interactions. Here, extending the biological market framework to ask whether this theory is of use to evolutionary biologists studying microbes. Considering six economic strategies used by microbes to optimize their success in markets. An economic market framework is a useful tool to generate specific and interesting predictions about microbial interactions, including the evolution of partner discrimination, hoarding strategies, specialized versus diversified mutualistic services, and the role of spatial structures, such as flocks and consortia. There is untapped potential for studying the evolutionary dynamics of microbial systems. Market theory can help structure this potential by characterizing strategic investment of microbes across a diversity of conditions.

Invitation

Dear Attendees,

We are glad to announce the **4th World Congress and Expo on Applied Microbiology** to be held in **Madrid, Spain** from **November 29-December 01, 2017** organized by **Conference Series LLC, USA** in collaboration with generous support and cooperation from enthusiastic academicians and editorial Board Members.

This congress is expecting audience such as experts from Microbiology, Applied Microbiology, Biofilm Formation, Quorum Sensing, Microbial Physiology, Behavioral Microbiology, Cellular Microbiology, Protein Engineering and Enzymology, Biotechnology, Microbial Biotechnology, Industrial Biotechnology, Industrial Microbiology, Fermentation Technology, Systems Biology and Bioinformatics, Food Microbiology, Biofuels, Petroleum Microbiology, Geo Microbiology, Archaeomicrobiology, Paleomicrobiology, Microbial Forensics, Marine Microbiology, Ecology, Water Microbiology, Bioremediation, Bio deterioration, Biodegradation, Soil Microbiology, Agricultural Microbiology, Plant Microbiology, Plant Pathology, Infectious diseases, Infection, Immunity, Immunology, Clinical Microbiology, Veterinary Microbiology, Medical microbiology, Diagnostic Microbiology, Pharmaceutical microbiology, Vaccines, Vaccination, Vaccinology, STD's, HIV, Hepatitis and establish a scientific network between them.

We cordially invite all concerned people from different countries of Europe (UK, London, Spain, Istanbul, Denmark, Netherlands, Germany, France, Italy, Brazil, Turkey, Israel, India, China, Japan) to come join us at our event and make it successful by your participation.

As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts.

Life is full of give and take. Make it count in your professional life. Attend the Microbiology Conference to network with your peers, exchange expertise and experiences, and arm yourself with the latest information to take your department to the next level.

We look forward to personally welcoming you to **Madrid** this November.

Sincerely,
Applied Microbiology 2017
Organizing Committee

About Us

Our International Open Access Journals

- **700+ Leading**-edge Peer Reviewed Open Access Journals
- **21 Day** Rapid Review Process
- **50000+** Editorial Board Team, **35000+** Reviewers team
- **30 Million Readers** and High Visibility
- **1000+ Scientific Associations** Collaborations
- **100000+** facebook fans Likes
- **Publication** immediately after acceptance
- **Quality and Quick** editorial, review processing

Salient Features

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- **Truly impartial recognition** of the best papers
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- **Enhanced feature:** Audio version of published paper
- **Digital articles** to share and explore
- **Sharing option:** Social networking enabled
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- User friendly/feasible website articles **translations** across more than **50 world languages**

Our International Scientific Conferences

- More than **3000 Conferences** happening across the globe
- Conferences organized in **Medical, Pharma, Engineering, Science, Technology and Business.**
- **CME/CPD Accredited** Conferences fostering professional and Personal development
- **Continuum of education** through organized scientific program
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- **Highly Interactive sessions** and Panel Discussions
- **B2B Meetings** offers perfect platform for Global Networking

Salient Features

- **Robust on-line publicity** for all the speakers and organizing committee members
- **Career Guidance** Workshops for students and early career researchers
- **Accepted Abstracts** will be published in various **indexed journals**
- **Accepted abstracts** will be labeled with a **Digital Object Identification Number** (DOI) provided by **Cross Ref**
- **Creation** of speakers and abstracts pages in Google
- **Opportunity** to publish full Manu Scripts in our Open Access Journals

Special Issues : All accepted abstracts will be published inrespective Conference Series LLC Journals

Each abstract will be provided with digital Object Identifier by crossref

About Conference

Applied Microbiology 2017 Conference website is attracting **25000+** Microbiologists online visitors ranging from Microbiologists, Scientists, Researcher Scholars, Academicians, Practitioners, Early Career Scholars, Students along with Industries, Organizations and other key stake holders from Microbiology, Healthcare and Medicine space who are searching to attend and present/exhibit their research/organization findings on highly acknowledged international conferences. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference..

How Conference Series Conferences differs from others?

- 3000+ Conferences across the globe in 30+ countries all through the year
- Over 25 Million+ Visitors and 20000+ Unique Visitors per conference
- Participation by Stalwarts from various international societies
- Internationally renowned speakers and scientists representation
- Career guidance for early career researchers and students
- Interesting scientific deliberations and discussions
- Perfect platform for Global Networking

Applied Microbiology 2017 salient features

- Meet Academia and Industry visionaries to get inspired
- Expand your knowledge and find solutions to problems
- Knowledge, Benchmarking and Networking offered at one place
- Forge connections and for global networking
- Highly Organized and Structured Scientific programs
- Poster presentations and world class exhibitions
- Meet with new vendors and suppliers



About Conference

Purpose

ConferenceSeries LLC Welcomes you to attend the **4th World Congress and Expo on Applied Microbiology** during November 29-December 01, 2017 Madrid, Spain.The main theme of the conference is "**Exploring Innovative research in Microbiology**"

Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration. The goals of the conference is to provide a transformative professional development experience through
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Microbiology, Interactions between Microbes and Applications of Beneficial Microbes present the most recent research findings, and promote and enhance scientific collaborations around the world.
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address regional, national and local responses to Elderly Population around the world and overcome barriers that limit access to care and services.

Objectives

After participating in this meeting, attendees should be able to

- Discuss emerging issues in Applied Microbiology and Applications of Beneficial Microbes
- Discuss and apply recent research findings related to Applied Microbiology and Applications of Beneficial Microbes
- Reflect on the place of critical distance in Applied Microbiology and Applications of Beneficial Microbes

Who should attend

About Conference

This congress is expecting audience such as experts from Microbiology, Applied Microbiology, Biofilm Formation, Quorum Sensing, Microbial Physiology, Behavioral Microbiology, Cellular Microbiology, Protein Engineering and Enzymology, Biotechnology, Microbial Biotechnology, Industrial Biotechnology, Industrial Microbiology, Fermentation Technology, Systems Biology and Bioinformatics, Food Microbiology, Biofuels, Petroleum Microbiology, Geo Microbiology, Archaeomicrobiology, Paleomicrobiology, Microbial Forensics, Marine Microbiology, Ecology, Water Microbiology, Bioremediation, Bio deterioration, Biodegradation, Soil Microbiology, Agricultural Microbiology, Plant Microbiology, Plant Pathology, Infectious diseases, Infection, Immunity, Immunology, Clinical Microbiology, Veterinary Microbiology, Medical microbiology, Diagnostic Microbiology, Pharmaceutical microbiology, Vaccines, Vaccination, Vaccinology, STD's, HIV, Hepatitis and establish a scientific network between them. And others engaged in endeavors related to different Applied Microbiology and Beneficial Microbes research and business.

About hosting organization

Conference Series is the world's leading specialist in organizing Academic, Scientific and Business conferences, meetings, symposiums and exhibitions in different verticals and horizontals like Medical, Pharma, Engineering, Science, Technology and Business to promote scientific research. Every year we host more than **3000+ global events** inclusive of **1000+ Conferences 1000+ Symposiums 1000+ Workshops** in **USA, Europe, Middle East and Asia** with the generous support and cooperation from our **30000+ Editorial Board Members, 1000+ Scientific Societies.** All the conference proceedings are published in the special issues of our **700+ Open Access International Journals** with the **DOI** provided by crossref

Major sessions

- Vaccines & Vaccinology
- Clinical Microbiology
- Medical Microbiology
- Diagnostic-Microbiology
- Systems Biology & Bioinformatics
- Marine Microbiology & Ecology
- Microbial Ecology
- Water Microbiology
- Bioremediation, Biodegradation & Biodeterioration: Biofuels & Petroleum Microbiology
- Soil Microbiology & Agricultural Microbiology
- Plant pathology
- Protein Engineering and Enzymology
- Food Microbiology
- Biofilms Formation

About Conference

Supporting Journals

- Journal of Bacteriology & Parasitology
- Journal of Microbiology and Biotechnology
- Journal of Medical Microbiology &Diagnosis
- Journal of Food & Industrial Microbiology



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About Spain

Why Spain: Madrid is the capital and largest city of Spain. The population of the city is almost 3.2 million and that of the Madrid metropolitan area, around 6.3 million. It is the third-largest city in the European Union, after London and Berlin, and its metropolitan area is the third-largest in the European Union after London and Paris. The city spans a total of 604.3 km2 (233.3 sq mi). The city is located on the Manzanares River in the centre of both the country and the Community of Madrid (which comprises the city of Madrid, its conurbation and extended suburbs and villages); this community is bordered by the autonomous communities of Castile and León and Castile-La Mancha. As the capital city of Spain, seat of government, and residence of the Spanish monarch, Madrid is also the political, economic and cultural centre of Spain. The current mayor is Ana Botella from the People's Party (PP). The Madrid urban agglomeration has the third-largest GDP in the European Union and its influences in politics, education, entertainment, environment, media, fashion, science, culture, and the arts all contribute to its status as one of the world's major global cities. Due to its economic output, high standard of living, and market size, Madrid is considered the major financial centre of Southern Europe and the Iberian Peninsula; it hosts the head offices of the vast majority of the major Spanish companies, such as Telefónica, Iberia or Repsol. Madrid is the 17th most livable city in the world according to Monocle magazine, in its 2014 index.

Madrid houses the headquarters of the World Tourism Organization (WTO), belonging to the United Nations Organization (UN), the SEGIB, the Organization of Ibero-American States (OEI), and the Public Interest Oversight Board (PIOB). It also hosts major international regulators of Spanish: the Standing Committee of the Association of Spanish Language Academies, headquarters of the Royal Spanish Academy (RAE), the Cervantes Institute and the Foundation of Urgent Spanish (Fundéu BBVA). Madrid organizes fairs such as FITUR, ARCO, SIMO TCI and the Cibeles Madrid Fashion Week. Madrid is home to a large number of public and private universities. Some of them are among the oldest in the world, and many of them are the most prestigious universities in Spain.

The Complutense University of Madrid (Universidad Complutense de Madrid) is the largest university in Spain and one of the oldest universities in the world. It has 10,000 staff members and a student population of 117,000.

We look forward to seeing you in Madrid!

Venue & Accommodation

Venue

Madrid, Spain



Contact Us

Sarah Jones

Program Director| Applied Microbiology 2017

Conference Series Ltd

Kemp House, 152 City Road, London EC1V 2NX, UK

W: microbiology.conferenceseries.com/

E: appliedmicrobiology@microbiologyconferences.org

Registrations

Academic

Only Registration: **USD 699**

Package A (Registration + 2 nights' Accommodation): **USD 1179**

Package B (Registration + 3 nights' Accommodation): **USD 1339**

Business

Only Registration: **USD 799**

Package A (Registration + 2 nights' Accommodation): **USD 1279**

Package B (Registration + 3 nights' Accommodation): **USD 1439**

Student

Young Research Forum: **USD 649** (Oral + Poster)

Student Poster: **USD 450** (USD 350 + USD 100 for Poster)

Student Delegate: **USD 100**

E-poster: **USD 99**

Important Dates

Abstract submission opens: November 15, 2016

Registration opens: November 15, 2016

Early bird registration: August 20, 2017

On spot registration: November 29, 2017

To register online, please visit:
http://microbiology.conferenceseries.com/registration.php