Tentative Program



2nd International Conference and Expo on

Water Microbiology & Novel Technologies

August 28-30, 2017 Philadelphia, Pennsylvania, USA



For available speaker slots

http://water.conferenceseries.com/

Conference Secretariat

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Tel: +1-888-843-8169, Fax: +1-650-618-1417

Ph: +1-650-268-9744, Toll free: +1-800-216-6499

Email: :wattech@microbiologyconferences.org

Tentative Program

2nd International Conference and Expo on

Water Microbiology & Novel Technologies

(10 Plenary Forums 3 days 1 Event)

August 28-30, 2017 Philadelphia, Pennsylvania, USA

Program at a Glance

August 28,2017

Day 1

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Keynote/Plenary Talk
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	Waste-Water Microbiology	
	Lunch Break 12.40-13.30		
	13.30-15.30	Water Microbiology	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	Marine Microbiology & EcologySystems Biology & Bioinformatics	

August 29,2017

Day 2

		Keynote Forums	
Morning Sessions	Time	Session 1	Session 2
	09.00-10.40	Symposium	Water Analysis
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	Water Related Infectious Disease	Water Borne Diseases
Evening Sessions	Lunch Break 12.35-13.25		
	13.25-15.05	Water Testing	Bioremediation, Biofilms and Biofouling: Water System
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	Cyanobacteria-Toxins in Drinking Water	Sanitary Importance Microbes

August 30,2017

Day 3

Morning Sessions	Time	Session 1	Session 2
	09.00-10.40	Water Microbiology: Ecological approach	Water Parasites
	Coffee/Tea Break 10.40-10.55 (Networking)		
	10.55-12.35	Water Safety	Water Analysis
Evening Sessions	Lunch Break 12.35-13.25		
	13.25-15.05	Workshop	Workshop
	Coffee/Tea Break 15.05-15.20 (Networking)		
	15.20-17.00	Workshop	Workshop
	Awards and Closing Ceremony		

Major Scientific Sessions

- Water Microbiology
- Waste-Water Microbiology
- Water Related Infectious Disease
- Water Borne Diseases
- Water Testing
- Bioremediation, Biofilms and Biofouling: Water System
- Cyanobacteria-Toxins in Drinking Water
- Current Technology and Water Applications
- Sanitary Importance Microbes
- Water Microbiology: Ecological approach
- Water Parasites
- Water Safety
- Water Analysis

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
wattech@microbiologyconferences.org

Conference Venue

Philadelphia, Pennsylvania, USA

Contact us
America: Conference Series LLC
Water Microbiology & Novel Technologies-2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: wattech@microbiologyconferences.org

Contact us
UK: Conference Series LLC
Water Microbiology & Novel Technologies-2017
Heathrow Stockley Park Lakeside House
1 Furzeground Way, Heathrow
UB11 1BD, UK
Tel: +1-800-216-6499
Email: wattech@microbiologyconferences.org

Contact us
Asia-Pacific: Conference Series LLC
Water Microbiology & Novel Technologies-2017
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432309
Email: wattech@microbiologyconferences.org

Microbiology Past Conference Glimpses





















Microbiology Past Conference Glimpses














About Philadelphia, Pennsylvania, USA

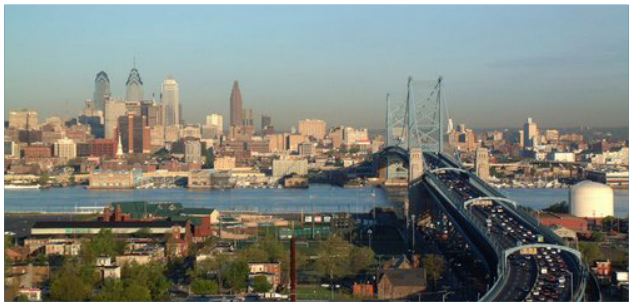
Philadelphia the only World Heritage City in the United States. This is the largest city in the Commonwealth of Pennsylvania and the fifth-most-populous in the United States. The area has many universities and colleges make Philadelphia a top international study destination, as the city has evolved into an educational and economic hub. Philadelphia is the center of economic activity in Pennsylvania and is home to seven Fortune 1000 companies. With a gross domestic product of $388 billion, Philadelphia ranks ninth among world cities and fourth in the nation. Philadelphia is also home to a handful of biotechnology, pharmaceutical and medical device companies. ALS Biopharma, Areon Biosciences, Atrin Pharmaceuticals, Digna Biotech, Enantigen Therapeutics, MB Research Laboratories, One World Biotech, Impact Biologicals are just to name a few of the companies which are located in the state of Philadelphia. The city is also home to five schools of medicine: Drexel University College of Medicine, Perelman School of Medicine at the University of Pennsylvania, Philadelphia College of Osteopathic Medicine, Temple University School of Medicine, and the Thomas Jefferson University. Hospitals, universities, and higher education research institutions in Philadelphia has four congressional districts received more than $252 million in National Institutes of Health grants in 2015. The city is known for its arts, culture, and history, attracting over 39 million domestic tourists in 2013. The city is known for its hoagies, scrapple, soft pretzels, water ice, Irish potato candy, Tastykake, and is home to the cheesesteak. Philadelphia is home to many national historical sites that relate to the founding of the United States and welcomes around 40 million visitors every year from all around the world as tourists. From incredible historic sites with roots that date back to the beginning of our country has history like Independence National Historical Park, to places that house great works of art such as the Philadelphia Museum of Art, to incredible food venues, and gardens that will have you talking about their beauty for a long time afterwards, this city is loaded with incredible attractions. So holiday in Philadelphia, USA affords access to enjoy great sites relating to the history and ancient culture of USA



Plan your Trip to Philadelphia, Pennsylvania, USA



Philadelphia



Philadelphia



Philadelphia



Flower-Show-Weekend-Picks



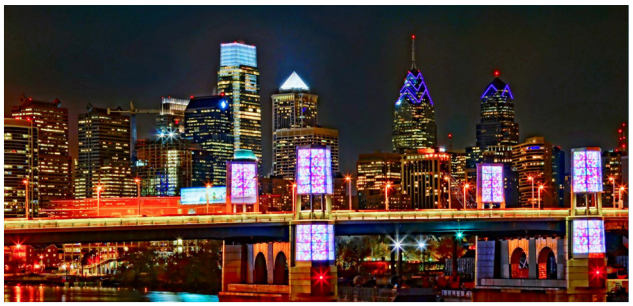
Skyline



Philadelphia



Ppl-Park-Philadelphia



South-Street-Bridge-Philadelphia

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International Conference and Expo on

Water Microbiology & Novel Technologies

July 18-19, 2016 Chicago, USA

Scientific Program



Day 1 **July 18, 2016**

08:30-09:00 Registrations

Vienna

conferenceseries.com **09:00-09:20** **Opening Ceremony**

Keynote Forum

09:20-09:30 Introduction

09:30-10:00 Title: qPCR and RT-qPCR of Harmful *Cyanobacteria* at Lake Harsha, OH, during Summer
Jingrang Lu, U.S. Environmental Protection Agency, USA

Session

Drinking Water Microbiology and WasteWater Treatment | Water Related infections

Session Chair: Jingrang Lu, Environmental Protection Agency, USA

Session Co-Chair: Claudia Gallert, University of Applied Science Emden Leer, Germany

Session Introduction

10.00-10.25 Title: Elimination of micro-pollutants and pathogenic (antibiotic resistant) bacteria by advanced wastewater treatment technologies
Claudia Gallert, University of Applied Science Emden Leer, Germany

Networking & Refreshments 10.25-10.40 @ Foyer

10.40-11.05 Title: Legionella ecology in drinking water distribution
Malka Halpern, University of Haifa, Israel

11.05-11:30 Title: Assessment of Human Viruses in Municipal Wastewater in Calgary, Canada
Yuanyuan Qiu, University of Alberta, Canada

11.30-11:55 Title: Creation of synthetic mutualism to improve understanding of the relationships between microalgae and bacteria in fresh water
Luz E. de-Bashan, The Bashan Institute of Science, USA

11:55-12.20 Title: Photodynamic inactivation of microorganisms in wastewaters: an effective approach with low environmental impact
Adelaide Almeida, University of Aveiro, Portugal

12.20-12.45 Title: Laser Optical Sensor for Rapid On-Plate Screening of Water and Food-borne Pathogens
Arun K. Bhunia, Purdue University, USA

12.45-13.10 Title: Oracle Water, the Safeguard of Humankind against Viruses and Germs
Han Sup Uhm, Kwangwoon University, South Korea

Lunch Break 13.10-13.55 @ Athens

13.55-14.10 Title: Microbiology in arsenate and selenate containing groundwater
Josef Winter, Karlsruhe Institute of Technology, Germany

14.10-14.35 Title: Future wastewater solutions: removal of pharmaceuticals in conventional wastewater treatment plants
Thomas Jensen,Technical University of Denmark, Denmark

14.35-15.00 Title: Methane potential of acetate-rich wastewater and the effect of lignin presence
Lourdes Maria Rodriguez Chiang, Aalto University, Finland

15.00-15.25 Title: Dry Preservation of Xylem Water Filters for Point-of-Use Filtration of Microbes from Drinking Water
Krithika Ramchander, Massachussets Institute of Technology, USA

15.25-15.50 Title: U-LCA-PWTPs -Using Life Cycle Assessment as a tool for potable water treatment plants (PWTPs)
Oscar Orlando Ortiz-Rodriguez, Universidad de Pamplona, Colombia, USA

15.50-16.15 Title: Anomalous behaviour of water
Chang Q Sun, Nanyang Technological University, Singapore

Networking & Refreshments 16.15-16.30 @ Foyer

16.30-16.55 Title: Towards a specific controlling strategy to prevent filamentous bulking and foaming considered as the last major unsolved problem in operation of activated sludge systems
Thiemo Dunkel, University of Duisburg-Essen, Germany

16.55-17.20 **Exhibitor Talk**
Ann Packingham, Innovaprep, USA

Day 2 July 19, 2016

Vienna

Keynote Forum

09.45-10.20 **Title: Synthetic mutualism between microalgae and plant growth-promoting bacteria for tertiary wastewater treatment**
Yoav Bashan, The Bashan Institute of Science, USA

Networking & Refreshments 10.20-10.35 @ Foyer

Session

Water Technology and Its Applications | Biofilms in Drinking Water | Water Borne Disease

Session Chair: Yoav Bashan, The Bashan Institute of Science, USA
Session Co-Chair: Robert Armon, Israel Institute of Technology, Israel

Session Introduction

10.35-11.00 **Title: Macromolecular Fingerprinting in Sol-gel Materials for Rapid Bacterial Recognition in Water Samples via QCM Detection**
Robert Armon, Israel Institute of Technology, Israel

11.00-11.25 **Title: Microbial community analysis of anaerobic digesters during biotransformation of nonylphenol diethoxylate**
F Dilek Sanin, Middle East Technical University, Turkey

11.25-11.50 **Title: Comparison of four membranes in a bioelectrochemical system designed for nitrate removal from groundwater**
Selim Latif Sanin, Hacettepe University, Turkey

11.50-12.15 **Title: Surveillance of intestinal protozoans and multidrug resistant bacteria from various water samples from the Philippines**
J Dungca, Centro Escolar University, Manila, Philippines

12.15-12.40 **Title: Composition and structure of denitrifying bacterial biofilm**
Anuradha S Nerurkar, The Maharaja Sayajirao University of Baroda, India

Lunch Break 12.40-13.30 @ Athens

13.30-13.55 **Title: Biofilm Disassembly and prevention by Glycosyl Hydrolase**
Luyan Z Ma, Chinese Academy of Sciences, China

13.55-14.20 **Title: Bioactivity Effect of Two Macrophytes Extracts on Growth Performance of Two Bloom-Forming Cyanophytes**
Ghobrial M G, National Institute of Oceanography and Fisheries, Egypt

14.20-14.45 **Title: Effects of Captopril & Lisinopril (ACE Inhibitor drugs) on Insulin Release**
Ghulam Rasool Mashori, PUMHS for Women, Pakistan

14.45-15.10 **Title: Water Borne Diseases, Its Adversity With Compromised Immune System**
Kausar Khan, University of Karachi, Pakistan

15.10-15.35 **Title: HABs Identification system based on mobile Networked technologies Morphologic, genetic and optic caracterization of toxic and non toxic Microcystis *Aeruginosa* HABs**
Susana Deus Alvarez, Instituto de Investigación Biológica Clemente Estable (IIBCE), Uruguay

Networking & Refreshments 16.05-16.20 @ Foyer

Poster Sessions @ 15.35-16.35

Poster Judges: Josef Winter, Karlsruhe Institute of Technology, Germany
Malka Hapren, University of Haifa, Israel

P01 **Title: Determination of Rotavirus in raw Colombian water by using fluoromagnetic detection**
Raquel Amanda Villamizar Gallardo, Universidad de Pamplona, USA

P02 **Title: Phage therapy in the inactivation of *Aeromonas salmonicida* in aquaculture systems: Inactivation in water and in juvenile Senegalese sole (Solea senegalensis)**
Adelaide Almeida, University of Aveiro, Portugal

P03 **Title: Anti-norovirus activity of lemongrass essential oil**
Sung-Joon Lee, Republic of Korea University, Korea

P04 **Title: Isolation of environmental bacteria from surface and drinking water in Mafikeng, South Africa and characterization using their antibiotic resistance profiles**
Suma George Mulamattathil, University of Limpopo, South Africa

P05 **Title: Development of silver nanorods enhanced fluosrscece substate for microarray analysis**
Seok-min Kim, Chung-Ang University, Korea

P06 **Title: A novel approach toward the biodegradation of xenobiotic polymer**
Nazia Khatoon, Duke University, USA

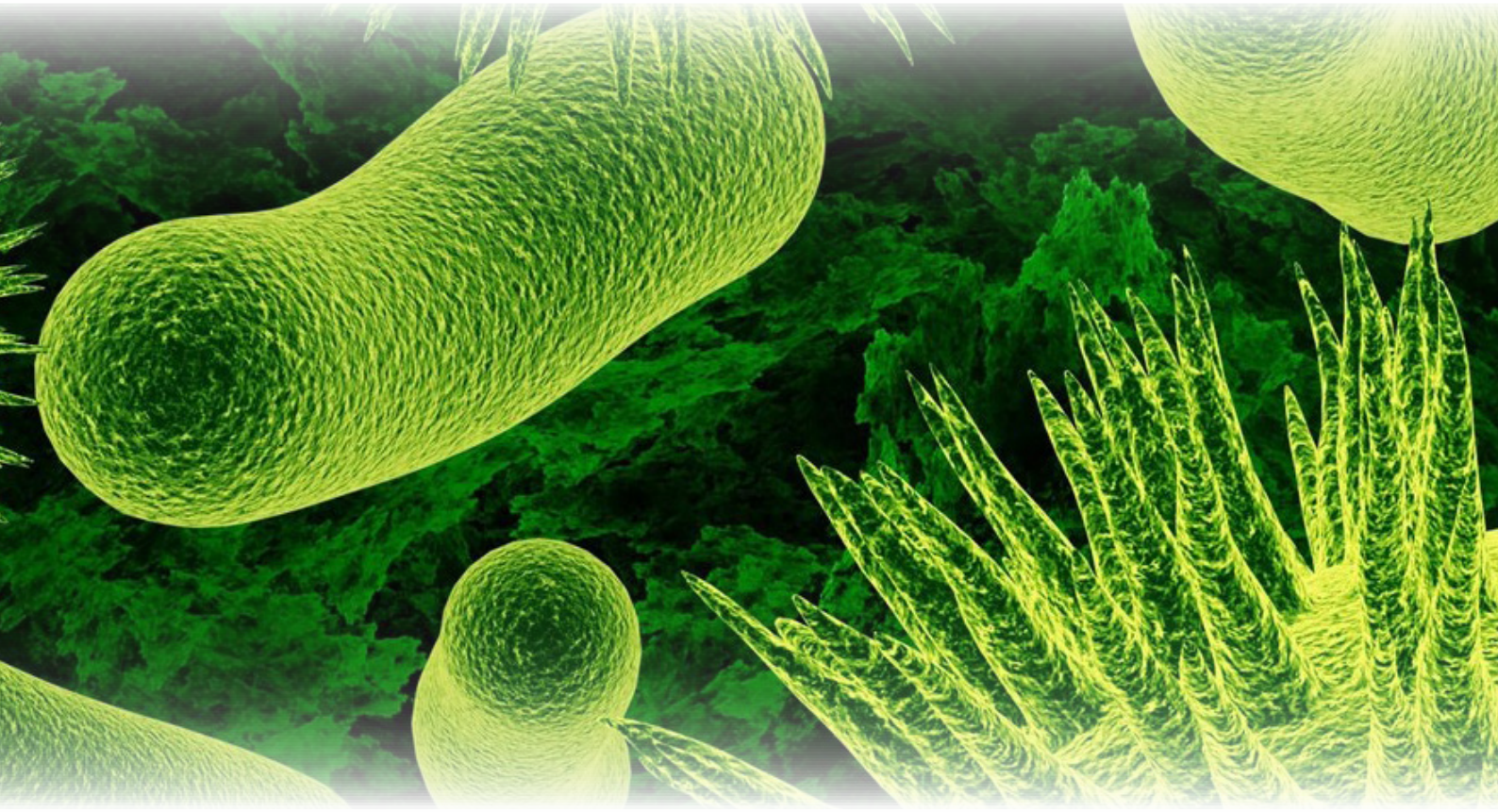
P07 **Title: Microbiological quality assessment of handmade juice in street of the Dhaka city Bangladesh**
Kaniz Fatema, Primeasia University, Bangladesh

P08 **Title: The importance of purifying textile waste water and making it a part of nature again**
Hayri Sen, University of Trakya, Turkey

P09 **Title: Aerobic Granulation for Wastewater Treatment: Performance evaluation at elevated temperature using real waste water**
Mustafa M Bob, Taibah University, Saudi Arabia

Panel Discussion

Award Ceremony



Bookmark your dates

2nd Water Microbiology Conference

August 28-30,2017 Philadelphia, USA

e-mail: wattech@microbiologyconferences.org
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Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd.
Traian Str., No.61, Constanta 900720, Romania, Tel: 0805-080048
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, United Kingdom
europe@conferenceseries.com

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048