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Tentative Program

Annual Biotechnology Congress

July 23-24, 2018 Vancouver, Canada

Theme: Deep Insight of Tomorrow's Biotech Trends



For available speaker slots

https://annualbiotech.conferenceseries.com/

Tentative Program

Annual Biotechnology Congress

Program at a Glance

Day 1

Program at a Glance

Morning Sessions	Reception/Registration	08.00-09.00		19 Speakers for Day 1
		Time	General Session	
	Keynote Session	09.00-09.15	Inaugural Address	
		09.15-09.45	Slot Available	
		09.45-10.15	Slot Available	
		10.15-10.45	Slot Available	
	Panel Discussions/Group Photo			
	Coffee/Tea Break 10.45-11.00 (Networking)			
	11.00-12.40	5 Speakers (20 Mins Each)		
Evening Sessions				
	Lunch Break 12.40-13.30			
	13.30-15.30	6 Speakers (20 Mins Each)		
	Coffee/Tea Break 15.30-15.45 (Networking)			
	15.45-17.25	5 Speakers (20 Mins Each)		

Day 2

Morning Sessions	Time	Session 1	Session 2	30 Speakers on Day 2
	09.00-10.40	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)	
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)	
Evening Sessions	Lunch Break 12.35-13.25			
	13.25-15.05	5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)	
	Awards & Closing Ceremony			

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

For More Details: https://annualbiotech.conferenceseries.com/
E-mail ID: annualbiotech@conferencescanada.org

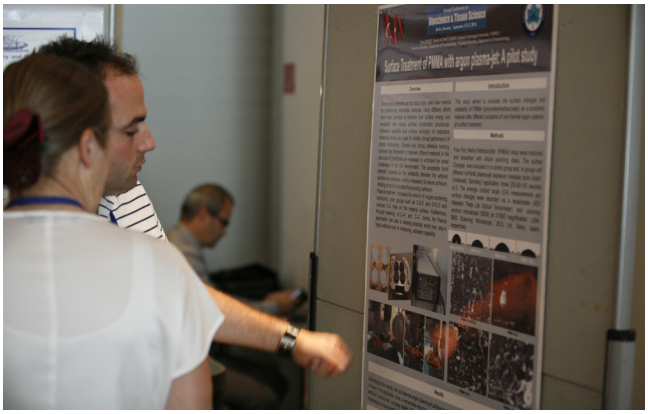
For detailed sessions & sub-sessions, kindly visit:
https://annualbiotech.conferenceseries.com/call-for-abstracts.php
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Glimpses of Previous Conference

















Major Scientific Sessions

- Biopharmaceutical Engineering
- Biomass and Bioenergy
- Bioscience
- Biobanking
- Molecular Diagnostics
- Recombinant Gene Technology
- Tissue Engineering and Regenerative Medicine
- Industrial and Microbial Biotechnology
- Algal Biotechnology
- Agricultural and Environment Biotechnology
- CRISPR
- Food Processing and Technology
- Marine Biotechnology
- BioInformatics

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
biotechnology@conferencescanada.org

About Vancouver

The town of Vancouver is a coastal seaport city on the mainland of British Columbia, Canada, and the most populous city in the province. Vancouver is consistently named as one of the top five worldwide cities for livability and standard of life, and the Economic intelligence unit acknowledged it as the first city to rank among the top-ten of the world's most liveable cities for five successive years. Vancouver has been called a "city of neighborhoods" and it is the rightly earned reputation for being one of the most mesmerizing cities in the world. Downtown Vancouver is superbly situated on a cape in the Strait of Georgia, bounded to the south by the delta of the Fraser River and to the north by an intense fiord reaching far inland (Burrard Inlet). Also to the north, gleam the often snow-covered ranges of the Coast Mountains.With its large parks and relatively equable climate keeping temperatures mild throughout the year, Vancouver is a paradise for holiday activities. But it also owns a busy cultural life, and the modern Downtown is easily explored on foot.



Tourist Attractions in Vancouver, Canada

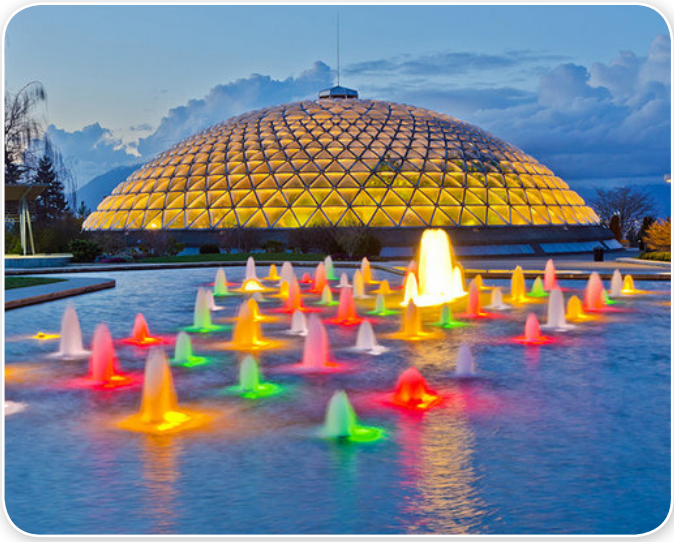












Annual Biotechnology Congress

August 17-18, 2017 | Toronto, Canada

Scientific Program



Moderator

Thank You for supporting Biotechnology 2017

Craig Russell
Aston University, UK

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AGENDA

August 17, 2017

09:00-09:15 Registrations & Souvenir Distribution | 09:15-09:35 Opening Ceremony

Algoniquin AB

09:35-09:50

Introduction

Keynote Forum

09:50-10:20

Title: Synthetic mRNAs as optimised tools for stem cell generation and for manipulating cellular phenotypes

Guido Krupp, AmpTec GmbH, Germany

10:20-10:50

Title: Pharmacological approaches for the neuroregeneration Alzheimer's disease therapies

Kiminobu Sugaya, University of Central Florida, USA

Panel Discussion @ 10:50-11:00

Group Photo 11:00-11:10

Coffee & Networking 11:10-11:20 @ Foyer

11:20-11:50

Title: Organic Electronic Devices : Cellulosic Nanocomposites

Mohini Sain, University of Toronto, Canada

Panel Discussion 11:50-12:00

Special Session & Workshop (Veterinary Vaccines and Therapeutics)

12:00- 12: 20 **Title: Developing novel vaccines for neonatal immunization**
Azad K Kaushik, University of Guelph, Canada

12:20- 12:40 **Title: Biomarker Discovery using monoclonal VLR antibodies of the Evolutionarily Distinct Sea Lamprey**
Goetz Ehrhardt, University of Toronto, Canada

12:40- 13:00 **Title: Inhibition of the Inhibitors of Apoptosis (IAP) genes and selective apoptosis of HIV-infected human macrophages**
Ashok Kumar, University of Ottawa, Canada

13:00- 13:20 **Title: Aptamers as biosensors for environmental pollutants**
Ashish Sachan, Director of Toxam Inc., Canada

Panel Discussion 13:20-13:30

Lunch 13:30- 14:30 @ Algoniquin C

SPEAKER FORUM

Major Sessions:
Biochemistry | Molecular Biology | Biomedical Engineering | Pharmaceutical Biotechnology | Industrial Biotechnology | Food Processing and Technology | Nano Biotechnology | Environmental Biotechnology



Chair: **Guido Krupp,** AmpTec GmbH, Germany



Co-chair: **Ricardo Hugo Lira,** CIQA, Mexico

Session Introduction

14:30-14: 50	**Title: New insight into the functional switching of 2-Cys Peroxiredoxin revealed by high-speed atomic force microscopy** **Hiroki Konno,** Kanazawa University, Japan
14:50-15:10	**Title: Hypoglycemic Mechanism of Guava Leaf Extract: Slow Inactivation of Protein Tyrosine Phosphatase 1B (PTP1B)?** **Henry Tsai,** Asia University, Taiwan
15:10-15:30	**Title: Application of Microarrays to Develop an In vitro – In Vivo Correlation Screening Toolbox** **Craig Russell,** Aston University, UK

Panel Discussion 15:30-15:40

Coffee & Networking 15:40- 16:00 @ Foyer

16:00-16:20	**Title: Metallic and carbon nanoparticles differentially impact physiological traits of four agricultural plant species** **Ricardo Hugo Lira,** CIQA, Mexico
16:20-16:40	**Title: Quantitative characterization of RNA fitness landscapes** **Ramon Xulvi-Brunet,** National Polytechnic School, Ecuador
16:40-17:00	**Title: Engineering biomaterials for medical imaging of cancer** **Naomi Matsuura,** University of Toronto, Canada

Panel Discussion 17:00-17:20

Session Adjournment

AGENDA

August 18, 2017

Algoniquin AB

Keynote Forum

09:30-10:00

Title: Bottom-up strategies for reconstitution of multi-protein complexes using the *baculovirus* expression system

Poterszman Arnaud, Strasbourg University, France

10:00-10:30

Title: Biosynthesis of noble metal nanoparticles and application in nanobiotechnology

Faiez Alani, McMaster University, Canada

10:30-11:00

Title: Biomanufacturing of Biorhizome

Ganapathy Sivakumar, University of Houston, USA

Panel Discussion 11:00-11:10

Coffee & Networking 11:10-11:20 @ Foyer

Young Researchers Forum

Major Sessions:
Animal Biotechnology| Agricultural Biotechnology | Biomedical Engineering | Nano Biotechnology| Environmental Biotechnology | Bioinformatics



YRF Judge: Kiminobu Sugaya, University of Central Florida, USA

Session Introduction

11:20-11:40	**Title: Efficiency of genetic screening for identification of lactic acid bacteria for their nutritional properties** **Williams Turpin,** University of Toronto-Mount Sinai Hospital, Canada
11:40-12:00	**Title: The impact of epidermal growth factor (EGF) supernatant on pig performance and ileal microbiota** **Nadeem Akthar,** University of Guelph, Canada
12:00-12:20	**Title: Improvement of rice variety PAU 201 through marker assisted selection for grain colour and bacterial blight resistance** **Kaur Rupinder,** Punjab Agricultural University, India
12:20-12:40	**Title: Omp31 plays an important role on outer membrane properties and intracellular survival of *Brucella melitensis* in murine macrophages and HeLa cells** **Lázaro Verdiguel Fernández,** Universidad Nacional Autónoma de México, Mexico
Panel Discussion 12:40-13:00	
Lunch 13:00- 14:00 @ Algoniquin C	
14:00-14:20	**Title: Antagonistic effect of metallic nanoparticles on phytopathogenic fungi and bacteria** **Ileana Verareyes,** CONACYT-CIQA, Mexico
14:20-14:40	**Title: Production of protegrin-1 with a matrix metalloproteinase/elastase cleavage site and its therapeutic potential for skin wound infections** **Emily K Hill,** University of Guelph, Canada
Panel Discussion 14:40-14:50	
Poster Presentation 14:50-15:00	
ABC P1	**Title: Beta defensin 3 enhances ovarian granulosa cell proliferation via MAPK pathway** **Canying Liu,** University of Guelph, Canada
Coffee & Networking 15:00-15:10 @ Foyer	
Closing and Award Ceremony	

