

17th Evergreen International Phage Biology Meeting 2

Talk Program

Last Name	First Name	E-mail	Country	Title	Page
SUNDAY EVENING: OPENING SESSION				Chair: Steve Abedon	
Mazure	Hubert	hubert@cellabs.com.au	Australia	If Only Felix d'Herelle Could Be Among Us	O-1
Abedon	Steve	abedon.1@osu.edu	Ohio	Overview	
Chenard	Caroline	cchenard@eos.ubc.ca	Canada	Co-Evolution of Genes Encoding Photosynthetic Proteins in Cyanophages	O-2
Millard	Andrew	a.d.millard@warwick.ac.uk	UK	Global Gene Expression of the "Photosynthetic" Cyanophage S-PM2	O-3
Brietbart	Mya	mya@marine.usf.edu	Florida	Environmental Single-Stranded DNA Phage	O-4
Fischer	Matthias	mfischer@eos.ubc.ca	Canada	A Large ds DNA Virus Infecting the Marine Heterotrophic Nanoflagellate Cafeteria sp.	O-5
Lewis	Sinclair	-	-	Film: Arrowsmith	
MONDAY MORNING: GENOMICS SESSION				Co-chairs: Phil Serwer and Rob Lavigne	
Serwer	Phillip	serwer@uthscsa.edu	Texas	*Co-Chair; Comprehensive Bacteriophage Genomics	
Lavigne	Rob	rob.lavigne@biw.kuleuven.be	Belgium	*Co-chair: Genome and Proteome Analysis of Pseudomonas Phages	G-1
dela Cruz	Donna May	madelacruz@mnl.ust.edu.ph	Philippines	Isolation and Characterization of the Myovirus Phage Lu11 of <i>Pseudomonas putida</i> var Manila	G-2
Stewart	Charles	crs@bioc.rice.edu	Texas	The Genome of Bacteriophage SPO1	G-3
Hardies	Stephen	hardies@uthscsa.edu	Texas	Patterns of Descent in the Novel Ancient 0305phi8-36 Phage Lineage	G-4
Fortier	Louis-Charles	Louis-Charles.Fortier@USherbrooke.ca	Canada	Morphological and Genetic Diversity of Temperate Phages in <i>Clostridium difficile</i>	G-5
McDaniel	Lauren	mcdaniel@marine.usf.edu	Florida	Occurrence of Phage Integrase-Like Gene Expression in Tampa Bay	G-6
Ackermann	Hans	ackermann@mcb.ulaval.ca	Canada	GenBank Antics	G-7
Kropinski	Andrew	andrew_kropinski@phac-aspc.gc.ca	Canada	Does Mosaicism Obscure Phage Familial Relationships?	G-8
MONDAY AFTERNOON: ECOLOGY				Chair: Mya Breitbart	
Breitbart	Mya	mya@marine.usf.edu	Florida	*Overview -- Metagenomics and Its Applications	E-1
Huq	Anwar	huq@umbi.umd.edu	Maryland	*Ecology of <i>Vibrio cholerae</i> and Potential Methods of Intervention	E-2
Mauro	Steven	smauro@mercyhurst.edu	Penn	Indicators of Shiga Toxin Producing Bacteriophages in Aquatic Environments	E-3
Winter	Christian	cwinter@eos.ubc.ca	Canada	Distinct Response of Prokaryotes and Viruses to Seasonality in Shallow and Deep Waters of the Ligurian Sea (Mediterranean Sea)	E-4

Clokie	Martha	mrjc1@leicester.ac.uk	UK	The Isolation and Characterisation of Two Bacteriophages which Infect a Novel Cyanobacterium <i>Acaryochloris</i>	E-5
Payet	Jerome	jpayet@eos.ubc.ca	BC	Dynamics of Marine Viruses and their Biogeochemical and Ecological Effects on the Canadian Arctic Shelf	E-6
Jones	Jeffrey	jbjones@ufl.edu	USA	Relationship Between <i>In Vivo</i> Multiplication Ability and Bacteriophage Disease Control of Citrus Bacterial Canker	E-7
Serwer	Phil	serwer@uthscsa.edu	Texas	In-plaque Virulence Control of <i>Bacillus thuringensis</i> Bacteriophage 0305f8-36	E-8
Stedman	Kenneth	kstedman@pdx.edu	Oregon	*Diversity of Viruses of (Cren)archaeal Thermophiles	E-9
TUESDAY MORNING AND AFTERNOON: NOSSAL SYMPOSIUM				Chairs: Debbie Hinton; 20 min each	
Hinton	Debbie	dhinton@helix.nih.gov	DC	A Passion for Science: Nancy Nossal's Contributions to T4 and DNA Replication	
Devos	Juliette	juliettedevos@yahoo.com	Ohio	Structural Analysis of T4 DNA Replication: In Collaboration with Dr. Nancy G. Nossal	N-1
Karam	Jim	karamoff@tulane.edu	Louisiana	The Redesign of gp43 (DNA polymerase) During T4-like Genome Evolution	N-2
Mathews	Chris	mathewsc@onid.orst.edu	Oregon	Protein-Protein Interactions in DNA Precursor Biosynthesis	N-3
Jones	Charlie		Maryland	The Impact of Mutations in Bacteriophage T4 Gene 59 Helicase Loading Protein on DNA Replication	N-4
Morrical	Scott	smorrica@uvm.edu	Vermont	Assembly & Dynamics of the T4 Recombination-Dependent Replication Machinery	N-5
Brister	J. Rodney	jamesbr@nidk.nih.gov	USA	Interplay Between DNA Replication and Transcription Along the T4 Chromosome During Infection	N-6
Bonocora	Richard	bonocorar@nidk.nih.gov	USA	Defining the Activation Interface of Sigma Appropriation: MotA and s70 Interactions Involved in T4 Middle Transcription	N-7
Westblade	Lars	larswestblade@gmail.com	NY	Rapid Isolation and Identification of Phage-Encoded Modifications of Host RNA Polymerase: A Generic Method to Study Phage/Host Interactions	N-8
Reha-Krantz	Linda J.	lreha@gpu.srv.ualberta.ca	Canada	T4 DNA Polymerase, Antimutators, and T4 RNase H: The Cost of Excessive Proofreading	N-9
Drake	John	drake@niehs.nih.gov	NC	*Mutation in Phage T4: Ectopic Templating and New r Genes	N-10
Georgopoulos	Costa	Costa.Georgopoulos@medecine.unige.ch	Switz	Bacteriophage T4 Growth and the <i>E. coli</i> GroE Chaperone Machine	N-11
Arisaka	Fumio	farisaka@bio.titech.ac.jp	Japan	Progress Report on the Structural Analyses of Baseplate Proteins of Bacteriophage T4	N-12
Bennett	Nicholas	n.bennett@massey.ac.nz	NZ	Investigating the C Domain of the pIII Protein of Ff (f1,M13,fd) Filamentous Phage and its Involvement During Phage Infection	N-13
Wright	Elizabeth	erwright@caltech.edu	California	Electron Cryotomography of Immature HIV-1	N-14

WEDNESDAY MORNING: PHAGE TECHNOLOGY SESSION			Co-chairs: Martin Loessner and Cath Rees		
Loessner	Martin	martin.loessner@ilw.agrl.ethz.ch	Switzerland	*Bacteriophage for Control of Foodborne Pathogens	P-1
McAuliffe	Olivia	Olivia.McAuliffe@teagasc.ie	Ireland	Lysis From Without: A Phage-Based Alternative for the Control of MRSA	P-2
Schmelcher	Mathias	mathias.schmelcher@ilw.agrl.ethz.ch	Switzerland	Engineering of Phage Endolysins for Detection and Control of Pathogens	P-3
Donovan	Dave	DDONOVAN@anri.barc.usda.gov	USA	Staphylococcal SH3b_5 Cell Wall Binding Domains	P-4
Rees	Catherine	cath.rees@nottingham.ac.uk	UK	Use of Phage Amplification Assay for Detection of Foodborne Pathogens	P-5
Goodridge	Larry	lgoodrid@lamar.colostate.edu	Colorado	Rapid Capture and Detection of FRNA Phages in Drinking Water	P-6
Yim	Peter	peter.yim@nist.gov	USA	Lambda Phage as Model Bacteriophage for Quantum Dot Based Sensors for Quantitative Bacterial Detection	P-7
Hayes	Sidney	sidney.hayes@usask.ca	Canada	Replication Silencing in Bacteriophage Lambda	P-8
Clark	Jason	jason.clark@bigdna.co.uk	Scotland	The Sensitivity of Bacteriophage Lambda to UV light and Virkon	P-9
Gauss	Peter	pgauss@western.edu	Colorado	Recombineering <i>E. coli</i> to Express the rII Genes of Bacteriophage RB69	P-10
WEDNESDAY AFTERNOON: PHAGE THERAPY SESSION 1			Chair: Martha Clokie		
Donlon	Rod	rld8@cdc.gov	Geo	*Keynote speaker: Microbial Biofilms on Central Venous Catheters: Can Phage be used as a Control Strategy?	T-1
Sillankorva	Sanna	s.sillankorva@deb.uminho.pt	Portugal	Biofilm Control with T7 Phages	T-2
Kutateladze	Mzia	Kutateladze@pha.ge	Georgia	Detailed Characterization of Phages of <i>S. aureus</i> and <i>P. aeruginosa</i> as Components for Therapeutic Preparations	T-3
Harper	D.		UK	A Phase 2 Clinical Trial for a Bacteriophage Therapeutic against <i>Pseudomonas aeruginosa</i>	T-4
Gill	Jason	jason.gill@tamu.edu	Texas	Bacteriophages in the Treatment of Burkolderia Complex Infections	T-5
Danelia	Teona	teonadanelia@yahoo.com	Georgia	Prevention and Therapy of Open Maxillofacial Injuries with Bacteriophages	T-6
Solomon	Beka	beka@post.tau.ac.il	Israel	Bacterial Viruses Break Senile Plaques in Animal Brin Model of Alzheimer's Didease - A Novel Therapeutic Avenue?	T-7
Tediashvili	Marina	m_tediash.ibmvc@caucasus.net	Georgia	Comparative Susceptibility of Bacterial Isolates from Tbilisi Maternity Hospitals to Antibiotics, Phages and Plant Antibacterials	T-8
Adamia	Revaz	radamia@gmail.com	Georgia	G.Eliava Institute of Bacteriophages, Microbiology and Virology – Experience, Activity and Perspectives	T-9

THURSDAY MORNING: AGRICULTURE SESSION				Chair: Catherine Loc-Carrillo; Roger Johnson	
Johnson	Roger	roger_johnson@phac-aspc.gc.ca	Canada	*Characteristics of Bacteriophages for Control of Escherichia coli O157:H7 in Cattle	A-1
Moore-Maley	Ben	mooben30@evergreen.edu	Washington	Effects of Host Metabolism (Escherichia coli O157:H7) on Bacteriophage Reproduction	A-2
Letarov	Andrey	arthq@mail.ru	Russia	How Many Coliphages Can Ride the Same Horse?	A-3
Hagens	Stephen	s.hagens@ebifoodsafety.com	Holland	Construction of Recombinant "Killer-Phages" for Control of Infectious Disease -- EBI	A-4
Petty	Nicola	nkp30@cam.ac.uk	UK	New Transducing Phages Capable of Generalised Transduction Within and Between Two Animal Pathogens	A-5
Gannon	Ben	ben.gannon@bristol.ac.uk	UK	Bacteriophage Therapy in Salmonella Infected Broiler Chickens	A-6
Lehman	Susan	lehmans@agr.gc.ca	Canada	The Practical Application of Phages to Control Fire Blight in the Orchard	A-7
Mathews	Michael	mmathews@omnilytics.com	Utah	Bacteriophages in the Marketplace	A-8
THURSDAY EVENING: PHAGE THERAPY SESSION 2				Chair:	
Smeesters	Pierre	psmeeste@ulb.ac.be	Belgium	Bacteriophage Diversity Amongst Belgian and Brazilian Group A Streptococcus Clinical Isolates	T-10
Toribio	Ana Luisa	at4@sanger.ac.uk	UK	Citrobacter rodentium Phage: Characterization and Screening in Phage Therapy Applications	T-11
Koko	Adeniran	nirankoko@yahoo.com	Nigeria	Nigerian Phages: The First Phages Isolated from Tropical Africa	T-12
McKinstry	Michael	mckinstry.m.ctr@nmrc.navy.mil	USA	Development of a Lambda Based Phage DNA and Protein Vaccine Vector	T-13
Walter	Michael	michael.walter@uni.edu	Iowa	Bacteriophage Co-Inoculations with <i>Bacillus anthracis</i> Spores Do Not Prevent Antrax in Mice	T-14
Read	Timothy		USA	Genetic Basis of Bacteriophage ap50 Resistance in <i>Bacillus anthracis</i> -Mapping Mutations by Comparative Genome Sequencing	T-15
Alavidze	Zemphira	zalavidze@telenet.ge	Tbilisi	Phage Preparations Against Purulent Infections: Collaboration Between Surgeons and Scientists	T-16
Devos	Juliette		Ohio	The Co-Crystal of Bacteriophage T4 RNase H with a DNA Substrate Reveals the Molecular Interactions Required for Lagging Strand RNA Primer Removal from Okazaki Fragments	T-17
Kutter	Elizabeth	kutterb@evergreen.edu	Washington	Closure; Film on Phage Therapy	

Note: Talks will be 15 min long unless highlighted by an asterix or stated otherwise.