

2005 Evergreen Meeting Talk Schedule

COFFEE HOURS WILL BE HELD IN POSTER ROOMS AND OFTEN FAIRLY LONG

Surname	Name	Affiliation	Abstract Title	Page	Country
Beach Barbeque Sunday Afternoon ~ 2-6 PM					
Keynote Address Sunday 7 PM					
Kutter	Betty	Evergreen	Welcome; overview;tribute to Wolfram Zillig and Bob Greenberg		USA
Kuhn	Andre	Hohenheim	Tribute to Eduard Kellenberger		Germany
Hatfull	Graham	U. of Pittsburg	Keynote Speaker		USA
Phage Ecology Monday 9 AM					
Breitbart	Mya	San Diego State	CoChair: Phage Ecology overview		USA
Clokie	Martha	U. of Warwick	CoChair: Phage Ecology overview -- marine part		UK
Serwer	Phillip	UTHSC	High throughput isolation of new environmental bacteriophage genomes: Unusual bacteriophages.	E-1	USA
Sandaa	Ruth-Anne	U. of Bergen	Diversity of T7-like phages in nutrient manipulated seawater mesocosms.	E-2	Norway
Deveau	Helene	Laval	Biodiversity and classification of bacteriophage infecting <i>Lactococcus lactis</i> .	E-3	Canada
Clokie	Martha	U. of Warwick	Marine cyanobacterial phages.	E-4	UK
Fornelos	Nadine	Lab. of Food and Environmental Micro.	Gil01 and relatives, a new generation of tectiviruses infecting <i>Bacillus thuringiensis</i> .	E-5	Belgium
Abedon	Steve	Ohio State	Competing T4 wild-type with R mutants during plaque growth.	E-6	USA
Sozhamannan	Shanmuga	NMRC	Molecular analysis of <i>Bacillus anthracis</i> phage, AP50.	E-7	USA
Phage Genomics Monday 2 PM					
Serwer	Phillip	UTHSC	Chair: Development of the issues		USA
Hardies	Stephen	UTHSC	Sequence analysis of environmental phage isolates.	G-13	USA
Pickard	Derek	Sanger Center	Bacteriophage projects at the Sanger center - Updates, summaries and future directions.	G-14	UK
Breitbart	Mya	San Diego State	Genomic analysis of uncultured viral communities in human feces.	G-15	USA
Chen	Zehua	NCI	Information theory based T7-like promoter models: Evolution of T7-like transcription system and detection of a novel group of genomic islands containing tandem T7-like promoters.	G-16	USA
Sandaa	Ruth-Anne	U. of Bergen	Phylogenetic analysis of photosynthetic genes in virus populations of different size classes isolated from Norwegian coastal marine waters.	G-17	Norway
Arisaka	Fumio	Tokyo Tech	Evolutionary relationship of T4-related phages based on the gene organization and 3D structure of the tail-lysozyme.	G-18	Japan
Gauss	Peter	Western CO	Cloning the <i>tIAB</i> genes of Bacteriophage RB69.	G-19	USA
EVERYONE	ROUNDTABLE DISCUSSION OF PHAGE GENOMICS ISSUES plus G. HATFULL, E. KUTTER & OTHERS.				
Phages in Agriculture and Food Safety Tuesday 9 AM					
Sabour	Parviz	Guelph	Co-chair: Introduction/overview		Canada
Goodridge	Lawrence	U. of Wyoming	Co-chair		USA
Oct & Castano	Rebecca & Anna	Evergreen	Development and characterization of a phage cocktail to control <i>Escherichia coli</i> O157:H7.	A-27	USA
Goodridge	Lawrence	U. of Wyoming	Intelligent design of a phage cocktail to reduce shedding of <i>E. coli</i> O157:H7 in cattle.	A-28	USA
Gill	Jason	Guelph	Biocontrol of mastitis by <i>Staphylococcus aureus</i> -specific bacteriophage in dairy cattle.	A-29	Canada
Loc-Carrillo	Catherine	Evergreen/ UoN	Use of <i>Campylobacter</i> bacteriophage to reduce <i>Campylobacter</i> in chickens.	A-30	USA
Hashem	Fawzy	U. of Maryland	Controlling ineffective <i>Bradyrhizobium japonicum</i> with phages to enhance nodulation, biological nitrogen fixation and growth of soybean.	A-31	USA
Bruncke	Dave	Aberdeen HS	Bobcats, Salmon and phages - research in a high school setting.	A-32	USA

Tuesday PM: Major poster session +wine and cheese starting at 3 PM into the evening with supper on your own - Art Show Opening (Seminar II 4th floor E wing) 7-9:30, including deserts -- videos

Human Phage Therapy Wednesday 9 AM

Kuhl	Sarah	VA Hospital Sacramento	Co-chair: Overview - Antibiotic resistance problems		USA
Kutateladze	Mzia	Eliava Institute	Co-chair: Eliava history		Georgia
Gvasalia	Guram	Tbilisi State Med. U	Local phage therapy in the complex treatment of severe wound and burn infection.	T-43	Georgia
Wolcott	Randall	Wound Care Center	Phages, biofilms and wound care.	T-44	USA
Rashel	Mohammad	Kochi Medical School	MV-L, a lysin derived from phage phiMR11, rapidly kills multidrug-resistant <i>Staphylococcus aureus</i> .	T-45	Japan
Fleischman	Wim	Klinikum Bietigheim	Live therapy development: maggots in surgery.	T-46	Germany
Hodges	Dave	PhageInternational	Setting up phage therapy center.		USA
Kutter	Elizabeth	Evergreen	Human phage therapy: some considerations.		USA

Innovative Applications of Phage and Their Products Wednesday 7:15 PM

Rees	Cath	U of Nottingham	Co-chair: Use of phage for detection of pathogens -New developments of the fastplaque assay.	I-56	UK
Nelson	Daniel	Rockefeller	Co-chair: Harnessing the specificity of bacteriophage lysins for diagnostic applications.	I-57	USA
Biebl	Manfred	Profos AG	Phage proteins as tools for selective enrichment of bacteria and removal of lipopolysaccharide.	I-58	Germany
Fralick	Joe	Texas Tech U.	Display phage therapy: Neutralization of cholera toxin with display phage and phage born peptides.	I-59	USA
Willford	John	U. of Wyoming	A simple reporter-phage assay for rapid detection of <i>E.coli</i> O157:H7.	I-60	USA
Clark	Jason	Moredun Institute	Phage-mediated DNA vaccination.	I-61	UK
Thomas	Kathryn	Moredun Institute	Phage-mediated DNA vaccination: technical approaches to vaccine production.	I-62	UK
Hwang	Jeeseong	NIST	Phage-QuantumDot nanocomplexes.	I-63	USA

Molecular Mechanisms Thursday 9 AM

Carlson	Karin	Uppsalla	Co-chair - Overview		Sweden
Santos	Mario	U. of Lisboa	Co-chair - Phage recognition of Gram-positive bacteria.		Portugal
Mathews	Chris	Oregon State	The T4 nucleotide synthesizing complex: An appreciation of G. R. Greenberg.	M-67	USA
Sao-Jose	Carlos	U. of Lisboa	The ectodomain of the Bacillus subtilis membrane receptor YUEB forms a fiber that triggers DNA ejection of phage SPP1.	M-68	Portugal
Verma	Naresh	Australian National U.	Serotype converting bacteriophages of shigella flexner: Glycosyltransferases and o-antigen modification.	M-69	Australia
Millard	Andrew	U. of Warwick	Investigating the effects of nutrients on cyanophage/cyanobacteria interactions.	M-70	UK
Domingues	Susana Martins	U. of Lisboa	AbiP, an RNA binding protein which affects phage replication and transcription.	M-71	Portugal
Roberts	Fleur	Australian National U.	Identification of a 95bp fragment that confers immunity to the bacteriophage SFV via transcription termination.	M-72	Australia

Phage Structure & Function Thursday 1:30 PM

Leiman	Petr	Purdue	Chair: Overview of assembly; film		USA
Arisaka	Fumio	Tokyo Tech	Co-chair		Japan
Robins	William	U. Texas Austin	How bacteriophage T7 gets its DNA into the cell.	S-81	USA
Mahony	Jennifer	U. of Cork	Molecular analysis and characterisation of the lactococcal superinfection exclusion system protein, Sie ₀₀₉ .	S-82	Ireland
Kuhn	Andreas	Hohenheim	From membrane to phage : Steps in the assembly of the filamentous phage M13.	S-83	Germany
Leiman	Petr	Purdue	Structure of bacteriophage K1F infecting polysialic acid encapsulated <i>E. coli</i> K1.	S-84	USA
Baros	Brandi	Allegheny College	Roles of specific amino acids in folding and assembly of HK97 capsids determined by site directed mutagenesis.	S-85	USA
Letarov	Andre		Function and evolution of fibrins in T4-related phages: C-end of the story.	S-86	Russia
Goldberg	Eddie	Tufts U.	Bionanotechnology by using building blocks derived from T-even tail fiber derived protein rods.	S-87	USA

Key:

A= agriculture E= ecology G = genome I = innovations
M = molecular mechanism T = therapy S = structure & function