

Sunday, 11 October 2009

Registration

1:00 PM - 5:00 PM

Jackson Landy Room

Opening Session

5:00 PM - 6:00 PM

Olympic Room

Chairs: Ed Nice / Mibel Aguilar

Richard Houghten

"The direct *in vivo* use of mixture-based combinatorial libraries." *abs#001*

Welcome Drinks

6:45 PM - 7:15 PM

Surf Club

Dinner

7:15 PM - 9:00 PM

Surf Club

Kindly sponsored by Beckman Coulter

Monday, 12 October 2009

Breakfast

6:30 AM - 8:30 AM

Spa Island

Ticket required

Poster Preview 1

7:00 AM - 8:30 AM

Jackson Landy Room

See end of program for complete listing

Peptide Nanotechnology

8:30 AM - 10:20 AM

Olympic Room

Chairs: Jackie Wilce / Gregg Fields

8:30am

Dek Woolfson

Rational Peptide Design in Nanoscience and Synthetic Biology *abs#002*

9:00am

Yuji Hidaka

Fiber formation of a synthetic peptide derived from Spider dragline silk protein *abs#003*

9:20am

Xiaojun Zhao

Fabrication of Nanobiomaterials through Molecular Self-assembling Peptides and Their Applications in Nanomedicine *abs#004*

9:50am

Chris Elvin

Insect super-rubber and surgical tissue glues dityrosine: a common (cross)link *abs#005*

Morning Tea and Conference Photo

10:20 AM - 11:00 AM

Jackson Landy Room

Proteomics 1

11:00 AM - 1:00 PM

Olympic Room

Chairs: Ian Smith / Peter Hoffmann

11:00am **William Hancock**

Glycoprotein (Glycan) markers for the early detection of breast cancer *abs#006*

Sponsored by APAF

11:30am **Rudolf Grimm**

Latest advancements in HPLC-Chip/MS with applications to peptide and glycan research *abs#007*

11:50am **Fadi Abdi**

Proteome analysis of superior temporal gyrus in schizophrenics and non-human primates treated with anti-psychotics using latest technologies in MALDI TOFTOF Mass Spectrometry demonstrate disease and drug specific changes *abs#008*

12:10pm **Ching-Seng Ang**

Quantitative MRM Analysis of colorectal cancer associated proteins In human feces *abs#009*

Sponsored by Agilent Technologies

12:30pm **Gilles Subra**

Design, synthesis and use of new chemical reagents for the determination of low resolution protein structures by MALDI-TOF mass spectrometry. *abs#010*

Free Time

1:00 PM - 4:30 PM

Resort

(own lunch arrangements)

Imaging

4:30 PM - 6:30 PM

Olympic Room

Chairs: Wally Thomas/Ross Bathgate

4:30pm **Katharina Gaus**

Membrane order and protein clustering at T cell activation sites *abs#011*

5:00pm **Ian Gibbins**

How far can a peptide go? Fluorescence correlation spectroscopic determination and modelling of peptide diffusion. *abs#012*

5:20pm **Neil O'Brien-Simpson**

Analysis of antibacterial peptide activity using flow cytometry *abs#013*

5:40pm **Rob Lewis**

The Australian Imaging and Medical Beamline: Research opportunities and design Goals *abs#014*

Dinner

7:00 PM - 8:30 PM

Spa Island

Poster Session 1

8:30 PM - 10:30 PM

Jackson Landy Room

Dessert and drinks served

Sponsored by Perkin Elmer

Tuesday, 13 October 2009

Breakfast

6:30 AM - 8:30 AM

Spa Island

Ticket required

Poster Preview 2

7:00 AM - 8:30 AM

Jackson Landy Room

See end of program for complete listing

New Synthetic Strategies

8:30 AM - 10:30 AM

Olympic Room

Chairs: John Wade / Jean Martinez

8:30am

Philip Dawson

Probing electrostatic interactions in proteins using unnatural amino acids. *abs#015*

9:00am

Craig Hutton

Solid phase synthesis of covalently cross-linked peptides: application to the study of dityrosine-linked AB dimers. *abs#016*

9:20am

Mira Kim

Ser/Thr Kinase substrate screening with new phosphorylated serine and threonine detection probe using ladder type One-Bead One-Compound (OBOC) peptide library method *abs#017*

9:40am

Philip Thompson

Click chemistry: novel azides, alkynes and applications in peptide science. *abs#018*

10:00am

Robin Leatherbarrow

Strategies for N-terminal protein labelling *abs#019*

Morning Tea

10:30 AM - 11:00 AM

Jackson Landy Room

Emerging Technologies

Sponsored by Bio-Strategy

11:00 AM - 1:00 PM

Olympic Room

Chairs: Bill Hancock / Dick Wettenhall

11:00am

Matthew Cooper

Targeted antibiotics with restored activity against resistant gram-positive bacteria *abs#020*

11:20am

Tzong-Hsien Lee

Membrane adsorption, destabilisation and lysis of antimicrobial peptides *abs#021*

11:40am

Giovanni Abbenante

Rationally designed non-covalent Inhibitors of the cysteine protease Caspase-1 *abs#022*

12:00pm

Steve Paull

Peptide binding, affinity and off rate analysis in identifying immunogenic epitopes. *abs#023*

12:20pm

Patrick Perlmutter

The organic chemistry of β -peptide foldamers. Synthetic and structural insights. *abs#024*

12:40pm

Malcolm Buckle

The development of General Interface Liquid Interface Specific Surfaces (GLISS) for the preparation of high throughput peptide microarrays for Surface Plasmon Resonance Imagery (SPRi). *abs#025*

Free Time

1:00 PM - 4:00 PM

Resort

(own lunch arrangements)

Proteomics 2

4:00 PM - 5:30 PM

Olympic Room

Chairs: Tony Purcell / Malcolm Buckle

4:00pm

Sung-Hou Kim

Demography and phylogeny of structural and sequence proteomes *abs#026*

4:30pm

Christian Gruber

Proteomics to study GPCR signalling: The interactome of the adenosine-A_{2A} receptor *abs#027*

4:50pm

Jeffrey Gorman

Human respiratory syncytial virus proteins suppress host cell innate antiviral responses *abs#028*

5:10pm

Richard Wettenhall

Challenges confronting comprehensive metabolomic biomarker investigations of human biological fluids. *abs#029*

Wine Tasting

5:30 PM - 7:00 PM

Jackson Landy Room

Kindly sponsored by Davies Collison Cave

Dinner

7:00 PM - 8:30 PM

Blue Gum Point

Poster Session 2

8:30 PM - 10:30 PM

Jackson Landy Room

Dessert and drinks served

Wednesday, 14 October 2009

Breakfast

6:30 AM - 8:30 AM

Spa Island

Ticket required

Poster Preview 3

7:00 AM - 8:30 AM

Jackson Landy Room

See end of program for complete listing

Bioactive Peptides 1

8:30 AM - 10:20 AM

Olympic Room

Chairs: Kyung-Soo Hahm / Jacqui Matthews

8:30am

Gregg Fields

Exploring secondary binding sites (Exosites) for the development of selective protease inhibitors *abs#031*

9:00am

Laszlo Otvos

Peptide-based Leptin Receptor antagonists for cancer treatment and appetite regulation *abs#032*

9:20am

Philip Lowry

The placenta secretes peptide hormones with a "parasitic" post translational modification. *abs#033*

9:40am

Elisabeth Trifilieff

Mechanism of uptake of palmitoylated encephalitogenic PLP peptides by antigen-presenting cells *abs#034*

10:00am **Anthony Turner**
Epigenetic regulation of the neuropeptidase, neprilysin *abs#035*

Morning Tea

10:20 AM - 11:00 AM

Jackson Landy Room

Peptide Based Vaccines

11:00 AM - 11:30 PM

Olympic Room

Chairs: Istvan Toth / Heather Benson

11:00am **Pravin Kaumaya**
Pre-clinical and Phase 1 clinical studies of combination peptide HER-2 /neu vaccine strategies in cancer patients with solid tumors *abs#036*

11:30am **David C. Jackson**
The use of simple synthetic lipid structures for targeting different vaccine cargos to dendritic cells. *abs#037*

11:50am **Anthony Purcell**
Novel strategies for the targeted analysis and quantitation of peptides *abs#038*

12:10pm **Mariusz Skwarczynski**
Vaccine delivery: Lipidated glucose and cellobiose scaffolds, and polyacrylate dendrimer as adjuvant carriers *abs#039*

Free Time

12:30 PM - 7:00 PM
(own lunch arrangements)

Resort

Whale Watching Trip

1:15 PM - 6:00 AM
Lunch provided, tickets must be pre-purchased

Depart Wharf

Dinner

7:00 PM - 8:30 PM

Spa Island

Poster Session 3

8:30 PM - 10:30 PM
Dessert and drinks served

Jackson Landy Room

Thursday, 15 October 2009

Breakfast

6:30 AM - 8:30 AM

Spa Island

Ticket Required

Venoms/Toxins

8:30 AM - 10:30 AM

Olympic Room

Chairs: Paul Alewood / Laszlo Otvos

8:30am

Baldomero Olivera

Disulfide rich peptides from Cone Snails and other venomous molluscs. *abs#040*

9:00am

Raymond Norton

The peptide toxin ShK as a therapeutic for autoimmune diseases *abs#041*

9:20am

Christopher Armishaw

Synthetic combinatorial libraries of α -conotoxins targeting neuronal nicotinic acetylcholine receptors *abs#042*

9:40am

Frank Marí

New peptide knots from the venom of Cone Snails: Novel conotoxin structures and their functional implications *abs#043*

10:00am

Pierre Escoubas

From venomics to drug candidates: Spider venoms as sources of novel therapeutics *abs#044*

Morning Tea

10:30 AM - 11:00 AM

Jackson Landy Room

Bioactive Peptides 2

11:00 AM - 1:00 PM

Olympic Room

Chairs: David Craik / Natalia Nalivaeva

11:00am

Richard Payne

New ligation strategies for the synthesis of peptides bearing post-translational modifications *abs#045*

11:30am

Tai Kubo

In vitro evolution of peptide neurotoxins directed to receptor ligands *abs#046*

11:50am

Norelle Daly

Dissecting the oxidative folding of circular cystine knot miniproteins *abs#047*

12:10pm

Kostas Barlos

A triple-chain S₈-model explains the facile folding of the Relaxin chains *abs#048*

12:30pm

Richard Lewis

Development of Xen2174: non-clinical studies and an open-label I/IIa study of intrathecal use in oncology patients with moderate to severe pain *abs#049*

Free Time

1:00 PM - 4:00 PM

Resort

(own lunch arrangements)

Towards the Clinic

4:00 PM - 6:00 PM

Olympic Room

Chairs: Geoff Tregear / Richard Houghten

4:00pm

Nadia Rosenthal

Peptides in regenerative medicine *abs#050*

4:30pm

Angel Lopez

A molecular basis for cytokine receptor activation *abs#051*

5:00pm **Bruce Kemp**
How synthetic peptides grabbed the exercise in a pill kinase *abs#052*

5:30pm **Jane Aldrich**
Novel cyclic tetrapeptides as kappa opioid receptor ligands *abs#053*

Pre-dinner drinks

6:30 PM - 7:30 PM

Pavillion

Conference Dinner

7:30 PM - 11:00 PM

Kindly sponsored by Auspep

Pavillion

Friday, 16 October 2009

Farewells over Breakfast

6:30 AM - 10:00 AM

Ticket required

Spa Island

Followed by ferry departures as arranged

Monday Posters

Giovanni Abbenante - Accelerating Protease Drug Development. A Broad-Spectrum Fluorescence-Based Peptide Library for the Rapid Identification of Protease Substrates. *abs#101*

Marina Ali - NMR Study of Secondary Structure and Self-Association of Core Peptide in Solution *abs#102*

Paul Barrett - Characterization of the Dynamic Structural Changes of Melittin - Lipid Bilayer Interactions *abs#103*

Robert Burman - Cyclotide occurrence and structural diversity in Violaceae *abs#104*

David Chalmers - Lactam-bridges as helical constraints: a molecular dynamics study *abs#105*

Christina Chantell - Fast Conventional Synthesis of a Poly-Alanine Peptide on the Symphony® *abs#106*

Richard Clark - A new target for the alpha-conotoxins: The GABA_B receptor *abs#107*

Nathan Croft - Modifying peptides in the pursuit of better vaccines *abs#108*

Ann Du - Purification of the Urotensin-II Receptor *abs#109*

Yésica García Ramos - Optimised Fmoc solid-phase synthesis of thymosin α 1 by side-chain anchoring onto a peg resin *abs#110*

Reena Halai - Structure-activity studies on the analgesic α -conotoxin Vc1.1 *abs#111*

Claudia Hjörtinggaard - Templated Multimers of Antimicrobial Peptides *abs#112*

Eriko Inokuchi - Efficient Synthesis of Trifluoromethyl and Related Trisubstituted Alkene Dipeptide Isosteres by Pd-catalyzed Carbonylation of Amino Acid-derived Allylic Carbonates *abs#113*

Kazumi Kajiwara - Bioorganic Synthesis of End-capped HIV-1 Fusion Inhibitory Peptides *abs#114* -

Pravin Kaumaya - Combination immunotherapy with HER-2 vaccine and VEGF inhibitors induces additive anti-tumor effects in vitro and in vivo *abs#115*

Jongkook Lee - HP (2-20), and Its Analogues Derived from *Helicobacter pylori*: Mechanism and Serum Stability *abs#116*

Jiani Li - Design and Synthesis of Histone Deacetylase Inhibitors by Replacement of Aib in Chlamydocin Hydroxamic Acid Analogues *abs#117*

Shouping Liu - Improved Antimicrobial Peptide Based on a Branched Dimer *abs#118*

Simon Mountford - A Convergent Strategy for Peptide Synthesis via Morpholinone Mediated Oxazolone-free C-Terminus Amide Coupling. *abs#119*

Natalia Nalivaeva - Ageing and hypoxia modulate amyloid peptide metabolising enzymes and memory in rats *abs#120*

Masaki Okumura - Thermodynamic and Kinetic Studies on Propeptide-mediated Folding of *de novo*-designed Disulfide Hybrid Proteins *abs#121*

K. Johan Rosengren - Structural and functional studies of conserved residues in mammalian α -defensins *abs#122*

Imre Sallay - More choices for process scale stationary phases *abs#123*

Terry Scanlon - Screening and Ranking of Antibodies Binding to G-Protein Coupled Receptor CCR5 Lipoparticles using the ProteOn XPR36 System. M Yousef¹, B.J. Doranz², S.H. Willis² and J. Rucker^{2,1} Bio-Rad Laborato *abs#124* -

Terry Scanlon - Protein Identification Using SELDI Technology with MALDI TOF-TOF Analysis V, Thulasiraman, Bio-Rad Laboratories, Inc, S, Roth, Bio-Rad Laboratories, Inc M, Hammond, Bio-Rad Laboratories, Inc, A, Bulman, Bio-Rad Laboratories Inc., F, Plows, Bio-Rad Labora *abs#125*

Pavla Simerska - Peptides in Drug, Vaccine and Gene Delivery *abs#126*

David Steer - The detection, identification and quantitation of endogenous peptide hormones derived from POMC in sheep brain using nano-LCMS. *abs#127*

Gilles Subra - A new highly versatile handle for chemistry on solid support: the Pipecolic linker (Pip) *abs#128*

Chia Chia Tan - Hepcidin: Structure/Activity Relationship *abs#129*

Simone Vink - Characterisation of novel natriuretic peptides from the venom of the inland taipan (*Oxyuranus microlepidotus*) *abs#130*

Matthew Wilce - Crystal structures of apo and liganded biotin protein ligase from *Staphylococcus aureus*: towards the development of new antibiotics for MRSA *abs#131*

Steve Wilson - An investigation into the Reproducibility of LC-MS Analysis of Complex Peptide Mixtures using Formalin-Fixed Paraffin-Embedded (FFPE) Tissue. *abs#132*

Steve Wilson - The Use of Multiplexed Discovery Phase Protein Results for the Development of Targeted MRM Assays for Quantification of Proteins *abs#133*

Suyeon Yoo - Antimicrobial effects of amidated C-terminus of PMAP-23 into inner membrane of gram-negative bacteria. *abs#134*

Mehfuz Zaman - Toll-like receptor 2 targetting fully synthetic lipopeptide Group A streptococcus (GAS) vaccine candidates *abs#135*

Tuesday Posters

- Ahsanullah** - 1,5-Disubstituted Triazole as Turn-inducing Motif in Peptides Via Metal-free Regioselective 1,3-Dipolar Cyclo-addition Reaction *abs#141*
- Heather Benson** - Skin permeation of an antiinflammatory peptide and analogues exhibiting improved biological efficacy and specificity *abs#142* -
- Gabrielle Callander** - Viral Vector-based Strategies for the Study of Neuropeptides *abs#143* -
- Lai Chan** - Isolation and characterization of peptides from *momordica cochinchinensis* seeds *abs#144*
- Yeong-Renn Chen** - Peptide-based Antibodies Against Glutathione-binding Domains Suppress Superoxide Production Mediated by Mitochondrial Complex I *abs#145*
- Daniel Coles** - The influence of incorporating lipids or liposaccharides with peptides on their particle size *abs#146*
- Yvette DeGraaf** - Receptors in motion: Image correlations spectroscopic analysis of peptide receptor and membrane mobility *abs#147*
- Mark Del Borgo** - Synthesis of Covalently-linked β^3 -Peptides and Helical Peptide Nanorods *abs#148*
- Mariam Farhad** - Physiological, biochemical and molecular studies on oxidative stress in probiotic bacteria *abs#149*
- Romila Gopalan** - Synthesis of "stapled" 14-helical β^3 -peptides *abs#150*
- Yuka Hasegawa** - Development of Sacyl isopeptide method for Cys-containing difficult peptide *abs#151*
- Keiko Hojo** - Peptide synthesis in water using Boc-amino acid nanoparticles (No. 2) *abs#152*
- Chris Johnson** - Optimizing Live Cell Imaging with Spinning Disk Confocal Imaging *abs#153*
- Chris Johnson** - Image- based Quantification of HCS cell- based assays using the Operetta / Harmony imaging platform *abs#154*
- John Juliano** - APP-derived Peptidomimetic Substrates Modulate BACE Activity. *abs#155* -
- John Karas** - Systematic Replacement of Disulfide Bonds with Lactam Bridges in INSL3 and Human Insulin: Solid Phase Synthesis and Evaluation *abs#156*
- Hironori Konishi** - Folding analyses of Gly or Ala mutants of prouroguanylin to estimate the intramolecular chaperone function of the pro-peptide region *abs#157*
- Jong-Kook Lee** - Antibiotic and synergistic effect of P5 peptide against antibiotic resistant microorganisms isolated from patients with cholelithiasis *abs#158*
- Guan-Hong Li** - Quantitative structure-activity relationship study on angiotensin I-converting enzyme inhibitory peptides *abs#159*
- Markus Muttenthaler** - Solving the α -conotoxin folding problem: selenium-directed on-resin generation of more potent and stable nicotinic acetylcholine receptor antagonists *abs#160*
- Susan Northfield** - Modified Cyclic Peptides as Inhibitors of HIV-1 Integrase Activity *abs#161*
- M. Pelzing** - The Next Generation Edman Sequencer is a MALDI-TOF Mass Spectrometer *abs#162*
- M. Pelzing** - Automated Electron Transfer Dissociation of Large Peptides and Medium Size Proteins in a QTOF instrument on an LC timescale *abs#163*
- Avena Ross** - The Chemical Synthesis of the Lantibiotic Peptide Lactocin S. *abs#164*
- Fazel Shabanpoor** - Effect of helix-promoting strategies on the biological activity of novel analogues of the B-chain of INSL3 *abs#165*
- Kaarina Sivonen** - Cyanobactins - cyclic ribosomal peptides in planktonic cyanobacteria *abs#166*
- Gilles Subra** - Cell Penetrating Non Peptides (CPNPs) : Short artificial oligomers as non-charged intracellular transduction compounds *abs#167*
- Misako Taichi** - Synthesis and SAR Study of Marinostatin, a Natural Ester-Linked Serine Protease Inhibitor *abs#168*
- Yoshitaka Umetsu** - The C-terminal elongation of growth-blocking peptide enhances its biological activity and membrane binding affinity *abs#169*

Valerie Wasinger - 'Single hit' acceptance in peptidomics: An analysis of the Swiss-Prot database. *abs#170*

Steve Wilson - Liquid Chromatography - Electron Transfer Dissociation - Ion Mobility on a Quadrupole Time of Flight Mass Spectrometer *abs#171*

Steve Wilson - Mixed-mode LC/MS methods to reduce variability of reponse in highly selective, sensitive, bioanalyses for peptide therapeutics in human plasma *abs#172*

Anthony Wright - Enhanced transdermal delivery of 5-aminolevulinic acid by iontophoresis and sonophoresis *abs#173*

Taku Yoshiya - O-Acyl isopeptide method: An effective methodology for difficult peptide synthesis *abs#174*

Zyta Ziora - Potential cationic penetration enhancers: physicochemical characterization of new glucolipopeptides. *abs#175*

Jackie Wilce - Inhibition of Grb7 SH2 domain by cell-permeable cyclic peptides. *abs#176*

Wednesday Posters

- Kalyana Bharati Akondi** - Structural and functional characterisation of the novel α -conotoxin LtIA *abs#181*
- Troy Attard** - Identification and suppression of β -elimination byproducts arising from the use of Fmoc-Ser(PO₃Bzl,H)-OH in peptide synthesis *abs#182*
- Ashley Buckle** - The Role of Dynamics in T Cell Receptor-Peptide-MHC Interactions *abs#183*
- Michelle Camerino** - Helix stabilisation by lactam-bridged analogues of kisspeptin, a key peptide hormone in reproductive development. *abs#184*
- Christina Chantell** - Low-Scale Automated Synthesis of a PNA-Peptide Conjugate on the Prelude™ *abs#185*
- Brian Chia** - Towards a cyclic tetrapeptide library for biological activity screening. *abs#186*
- Brendon Conlan** - Biosynthesis of circular proteins in plants *abs#187*
- Zoltan Dekan** - Replacement of disulfide bonds in α -conotoxin lml with isosteric thioethers *abs#188*
- Friederike Fehr** - Modification of the Zinc Finger Domain *Zif268* by Incorporation of an Artificial Metal Chelating Amino Acid *abs#189*
- JiYe Hahm** - Developing Apo A- 1 mimetic peptides as therapeutics for hyperlipidemia *abs#190*
- John Hewetson** - MALDI mass spectrometric imaging of tryptic digested peptides *abs#191*
- Mohammed Hossain** - The Role of The A-chain of Human Relaxin Family Peptides on The Binding And Activation of The Different RXFP Receptors *abs#192*
- Soonsil Hyun** - Formation of photo cross-linking adduct between RNA and Amphiphilic α -helical peptides with photomet *abs#193*
- Quentin Kaas** - ConoServer - a database and tools for cone snail toxins. *abs#194*
- Shahrbano Karbalaemohammad** - Analysis conformational and activity a novel antimicrobial peptide *abs#195*
- Brajesh Kumar** - Design, synthesis and characterization of desotamide analogs *abs#196*
- Guan-Hong Li** - Isolation, Purification and Identification of Angiotensin Converting Enzyme Inhibitory Peptides from Peanut Protein Isolates Hydrolysate *abs#197*
- Ricardo Mancera** - Computation of free energies of binding of coiled-coil peptides by molecular dynamics simulations *abs#198*
- Natalia Nalivaeva** - Ageing and hypoxia modulate amyloid peptide metabolising enzymes and memory in rats *abs#199*
- Tienabe Nsima** - Design and Synthesis of Chlamydocin Analogues as Histone Deacetylase Inhibitors by Introduction of Various Imino Acids *abs#200*
- Sonja Plompen** - Development of a New Hydrophilic Solid Phase for Peptide Synthesis *abs#201*
- Irfan Qureshi** - Anticoagulatory role of kisspeptin: a small *Kiss-1*-derived peptide *abs#202*
- Leo Rouhiainen** - Non-ribosomal cyclic peptides from planktonic cyanobacteria *abs#203*
- Helena Safavi-Hemami** - Identification of *Conus* Peptidyl Prolyl cis-trans Isomerases (PPIases) and Assessment of their Role in the Oxidative Folding of Conotoxins *abs#204*
- Fazel Shabanpoor** - Solid-phase Synthesis of Europium-labelled Human INSL3 as a Novel Probe in the Study of Ligand-receptor Interactions *abs#205*
- Jennifer Smith** - An Insight into non-Buthidae Scorpion Venoms *abs#206*
- Gilles Subra** - General methodology for the synthesis of peptide alcohols on solid phase *abs#207*
- Hiroko Tamagaki** - Structural studies on the transmembrane-juxtamembrane region of FGFR3 *abs#208*
- Nicole van der Weerden** - The antifungal activity of a plant defensin requires specific cell wall interactions *abs#209*
- Kenji Watanabe** - Expression, purification, and structural analysis of Proopiomelanocortin *abs#210*
- Richard Williams** - Engineering Structural and Spatial Control over Peptide Self-Assembly using Enzymes *abs#211*

Steve Wilson - Identifying and Quantifying Isoforms and Homologues *abs#212*

Steve Wilson - Metals in Medicine: Ion Mobility Derived Gas Phase Atomic Interaction Radii *abs#213*

Suyeon Yoo - Antibiotic effects of antimicrobial peptide P5 on the biofilm forming clinical isolates of *Pseudomonas aeruginosa* *abs#214*

Elizabeth Yuriev - Peptide mimicry of carbohydrate xenoantigens *abs#215*

Peter Hoffmann - Isotope coded protein labels for quantitative analysis of spinal CD4+ T Lymphocytes during Experimental Autoimmune Encephalomyelitis *abs#216*