



II INTERNATIONAL SYMPOSIUM

SCIENCE & FRIENDSHIP: THE NORTH MEETS THE SOUTH



October 30th and 31th, 2006

Auditorium Enrique Méndez C., Fundación Ciencia para la Vida
Zañartu 1482, Santiago

PROGRAM OCTOBER 30TH

- | | | |
|-------|--|--------------------|
| 9:00 | Introduction. Welcome to all
"Research and activities at the host institutions:
The MIFAB and Fundación Ciencia para la Vida | Pablo Valenzuela |
| 10:00 | "Discovery driven Science" | Joe DeRisi |
| 11:00 | Coffee break and set up of posters | |
| 11:30 | Poster session
(half of posters)
and lunch | |
| 14:30 | Student talks Chair
(20 min talk + 5 min
for questions) | Sebastián Bernales |
| 14:30 | "Basolateral sorting mechanisms
analyzed with membrane-permeant
peptides" | Carolina Torrealba |
| 14:55 | "A phosphatase resistant site
uncouples spindle and chromosome
cycles" | Liam Holt |
| 15:20 | "Cancer and the mitochondrial
connection" | Luis Burzio |
| 16:20 | Coffee break | |
| 16:50 | "Impact of emerging biomedical
technologies on health" | Regis Kelly |



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PROGRAM OCTOBER 31ST

- | | | |
|-------|---|-------------------------|
| 9:00 | Welcome | Pablo Valenzuela |
| 9:15 | “Comparative genomics of acidophilic microorganisms: Eating iron and sipping sulphuric acid at pH1 and loving it” | David Holmes |
| 10:15 | “Medivation: Translating science from bench to bedside” | David Hung |
| 11:15 | Coffee break and set up of posters | |
| 11:45 | Poster session
(half of posters)
and lunch | |
| 14:30 | Student talks Chair
(Two 20 min + 5 min
for questions) | Sebastian Bernales |
| | “Molecular mechanism of a small molecule inhibitor of protein translocation” | Jennifer Garrison |
| | “PPAR gamma induces expression of the Bcl-2 antiapoptotic protein and survival of PC12 cells” | Karen Fuenzalida |
| 15:20 | “Translational cancer research at UCSF” | Marc Shuman |
| 16:20 | Coffee break | |
| 16:50 | “Eisosomes show the door: Discovery of a stable structures that mark sites of endocytosis” | Tobias Walther |
| 17:30 | “Signal transduction at the single cell level: Physiology and cell to cell variation” | Alejandro Colman-Lerner |



INTERNATIONAL MEETING
**SCIENCE & FRIENDSHIP II:
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LIST OF ORAL & POSTER PRESENTATIONS
UCSF

MONDAY OCTOBER 30, 2006

Name	Title	Advisor
Bergkessel, Megan	Global regulation of ribosomal protein gene expression at the level of pre-mrna splicing in <i>saccharomyces cerevisiae</i>	Christine Guthrie
Bradshaw, Niels Raab	A link between the conformational dynamics of the signal sequence binding groove of the SRP54 protein and the activity of the SRP RNA	Peter Walter
Feldman, Jessica Lynn	Dissecting the Centriole Positioning Pathway	Wallace Marshall
Garrison, Jennifer Lynn	Molecular mechanism of a small molecule inhibitor of protein translocation	Jack Taunton
Gosse, Nathan John	Roles for Genetic Influences and Competition During Retinotectal Projection Development	Herwig Baier
Hartley, Paul David	Programming the Basic chromatin architecture of promoters	Hiten Madhani
Holt, Liam Joseph	A phosphatase resistant site uncouples the spindle and chromosome cycles	David Morgan
Levskaia, Anselm Caelifer	Spatiotemporal Control of signalling Proteins using Natural Light-Regulated domains	Cristopher Voigt
Matyskiela, Mary Ellen	The roles of individual subunits in ubiquitination by the anaphase-promoting complex	David Morgan
McCormick, Mark	Dissection of the roles and targets of the DAF-12 and DAF-16 transcription factors in the regulation of lifespan by germ line stem cells in <i>Caenorhabditis elegans</i>	Cynthia Kenyon
O'Brien, Theresa Cunningham	Targeting Cathepsins for New Therapy Against African Sleeping Sickness	Jim McKerrow



INTERNATIONAL MEETING
**SCIENCE & FRIENDSHIP II:
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LIST OF ORAL & POSTER PRESENTATIONS
MIFAB INSTITUTE

MONDAY OCTOBER 30, 2006

Name	Title	Laboratory / Advisor
Alvarez, José	DNA binding activity of the transcription factor ACE1 from <i>Phanerochaete chrysosporium</i>	Rafael Vicuña
Bruno, Consuelo	RNA interference as a strategy for resistance against <i>grapevine fanleaf virus</i>	Pablo Valenzuela
Duarte, Francisco	Global comparative analysis of extracytoplasmic proteins in extremely acidophilic bacteria	David Holmes
Elgueta, Raúl	Expression of functional CCR9 on gut-homing T cells is modulated by IL-4 through a dendritic cell dependent mechanism	Mario Roseblatt
Engel, Esteban	Grapevine viruses: Genomics and detection using microarray technology	Pablo Valenzuela
Feijóo, Carmen Gloria	Sonic hedgehog (SHH) role in dorsal midbrain proliferation in vertebrates	Miguel Allende
Hermosilla, Diego	ATP released from sympathetic nerve endings highlight its sympathetic co-transmitter role and its modulation by calcitonin gene related peptide	Juan Pablo Huidobro
Leisewitz, Andrea	PPARs cross talk in the differentiation of glial cells to the oligodendrocytic lineage	Miguel Bronfman
Manosalva, Headdy	Development of a recombinant vaccine to protect cultured salmon against <i>Streptococcus phocae</i>	Pablo Valenzuela
Osorio, Héctor	Iron homeostasis in acidophiles: predictions from comparative genomics	David Holmes
Pacheco, Rodrigo	CD26, adenosine deaminase and adenosine receptors mediate novel co-stimulatory signals in the immunological synapse	Alexis Kalergis
Pardo, Evelyn	Actin comet tails rocketing EGFR-containing endosomes induced by phosphatidic acid	Alfonso González
Pedroso, Inti	Genomic evidence for the acquisition of metabolic diversity by lateral gene transfer in <i>Acidithiobacillus ferrooxidans</i>	David Holmes
Torrealba, Carolina	Basolateral sorting mechanisms analyzed with membrane-permeant peptides	Alfonso González
Vial, Cecilia	Expression and response to connective tissue growth factor during myogenesis: Role of LRP and integrins in skeletal muscle fibrosis	Enrique Brandan



INTERNATIONAL MEETING

**SCIENCE & FRIENDSHIP II:
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LIST OF ORAL & POSTER PRESENTATIONS
UCSF

TUESDAY OCTOBER 31, 2006

Pantoja, Carlos José	Selective modulation of glucocorticoid receptor activities by arylpyrazoleCompounds	Keith Yamamoto
Petrosky, Keiko Yamakoshi	A General Model for Preferential Hetero-Oligomerization of Lin-2/7 Domains: Mechanism Underlying Directed Assembly of supramolecular Signaling Complexes	Wendell Lim
Pickering, Curtis Reid	P16INK4a modulates p53 in primary human mammary epithelial cells	Thea D. Tisty
Pinkston, Julie Maddox	Identifying genes involved in the link between insulin/IGF-1 signaling ant tumor growth in <i>C. elegans</i>	Cynthia Kenyon
Rodrigo-Brenni, Mónica	E2 synergy in the polyubiquitination of APC targets	David O. Morgan
Royce-Tolland, Morgan Elizabeth	Chromatin differences between the future active and inactive X chromosomes	Barbara Panning
Shock, Jennifer Leigh	Whole genome analysis of mRNA decay in <i>Plasmodium falciparum</i> reveals a global lengthening in mRNA half-life during the intraerythrocytic development cycle	Joe DeRisi
Southwell, Derek	Postnatal apoptosis of cortical interneurons	Arturo Alvarez-Buylla
Yu, Yunhua Joy	Receptor interactions regulating mu opioid receptor function	Mark von Zastrow
Zordan, Rebecca Elizabeth	Epigenetic properties of white-opaque switching in <i>Candida albicans</i> are base don a self-sustaining transcriptional feedback loop	Alexander Johnson
Zuchero, John Bradley	JMY is an Actin Nucleation Factor and Activator of the Arp2/3 Complex	Dyche Mullins



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LIST OF ORAL & POSTER PRESENTATIONS
MIFAB INSTITUTE

TUESDAY OCTOBER 31, 2006

Fuenzalida, Karen	PPAR gamma induces expression of the Bcl-2 antiapoptotic protein and survival of PC12 cells	Miguel Bronfman
López-Salinas, Javiera	Mechanical stimulation releases nucleotides to the extracellular media in two cell cultured lines	Juan Pablo Huidobro
Mezzano, Valeria	Fibroblasts isolated from mdx skeletal muscle have a persistent profibrotic phenotype in the absence of dystrophic muscle tissue	Enrique Brandan
Nardocci, Gino	Cajal bodies dynamic during seasonal adaptation of carp fish.	María Inés Vera
Quatrini, Raquel	Chip-on-chip genomic mapping of fur binding sites in <i>Acidithiobacillus ferrooxidans</i>	David Holmes
Restovic, Franko	Expression of sense and antisense non-coding mitochondrial RNAs during differentiation and neoplastic transformation of mouse cells	Luis Burzio
Riadi, Gonzalo	Evaluation of two clustering methods for classifying transposases	David Holmes
Rivas, Alexis	Functional characterization of the transcription factor ACE1 from the basidiomycete <i>phanerochaete chrysosporium</i>	Rafael Vicuña
Sauma, Daniela	Regulation of notch and its ligands on dendritic cells	Mario Roseblatt
Shmaryahu, Amir	Computational prediction of small regulatory RNA genes in the extremophile <i>Acidithiobacillus ferrooxidans</i>	David Holmes
Silva, Antonia	Phosphatidic acid-sensitive phosphodiesterases regulate the cell surface availability and expression levels of the EGF receptor	Alfonso González
Silva, Evelyn	Identification and expression analysis of hyphal growth genes involved in the infection process of <i>Botrytis cinerea</i>	Pablo Valenzuela
Tischler, Nicole	Analysis of the molecular antigenic structure of the hantavirus Gc protein	Pablo Valenzuela
Valdés, Jorge	Comparative genomics of acidophilic bacteria: insights into life At pH 1	David Holmes
Veloso, Felipe	Genomic footprints of alternative splicing	David Holmes

Ugarte, Gonzalo	TGF- β signaling pathway is regulated by electrical activity in skeletal muscle cells: TGF- β I receptor is transcriptionally regulated by myotubes excitability	Enrique Brandan
Villota, Claudio	Expression of the chimeric mitochondrial RNAs in cells transformed with HPV, in rafts culture and Pap smears	Luis Burzio