CHILEAN SOCIETY FOR CELL BIOLOGY
XXXVI ANNUAL MEETING
November 18 – 22, 2024
Puerto Varas, Chile

PRELIMINARY PROGRAM

MONDAY, NOVEMBER 18, 2024

08:30 – 13:30 REGISTRATION
Convention Center Foyer

13:00 – 14:30 LUNCH

14:30 – 16:00 OPENING REMARKS
Volcanes Room
Chair: Silvana Zanlungo, SBCCH, President

PLENARY LECTURE "FEDERICO LEIGTHON PUGA"
SOCIEDAD DE BIOLOGIA CELULAR DE CHILE
Chair: María Isabel Yuseff, P. Universidad Católica de Chile, Chile.

TITULO PENDIENTE. Vivek Malhotra, Spain.

16:00 – 16:30 COFFEE BREAK
Convention Center Foyer

16:00 – 18:00 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

16:30 – 18:30 SYMPOSIUM "VISUAL SYSTEM DEVELOPMENT"
Calbuco Room
Chair: Leonardo Valdivia, Universidad Mayor, Chile.

MORPHOGENESIS AND GROWTH OF DEVELOPING EYES. Leonardo Valdivia, Universidad Mayor.

CIRCUIT FORMATION IN THE RETINA. Evelyn Avilés, P. Universidad Católica de Chile.

PENDIENTE. Carlos Oliva, P. Universidad Católica de Chile.

NEURONAL BASES OF SENSORY COMPENSATION. Rosana Reyes-Pinto, Universidad Mayor.

SYMPOSIUM "NEUROCHALLENGES 2024: BRAIN AGING, NEURODEGENERATIVE DISEASES, AND THERAPIES" (IBRO Collaborative Research CRG-6342622961 and FONDEF IDEA ID24I10049).
Tronador Room
Chair: Pamela Urrutia, Universidad de Chile, Chile.
Carol San Martín, Universidad de Chile.

NUTRITION AND AGING: LESSONS FROM ANIMAL MODEL AND HUMAN STUDIES. Christian González-Billault, Universidad de Chile, Chile.

EARLY DYSFUNCTION OF THE ENDOSOMAL-LYSOSOMAL-AUTOPHAGIC NETWORK IN ALZHEIMER'S DISEASE: ROLE OF APP-CTFS? Inger Lauritze, University of Nice Sophia Antipolis, France.

MITOCHONDRIAL DYSFUNCTIONS IN ALZHEIMER'S DISEASE: FROM MECHANISMS TO DIAGNOSTIC AND THERAPEUTIC POTENTIALS. Mounia Chami, Université Côte d'Azur, France.

UNVEILING SYSTEMIC AND BRAIN DYSFUNCTIONS IN PARKINSON'S DISEASE: EXPLORING THE IMPACT OF IMMUNOMODULATOR AGENTS. René Vidal, Universidad Mayor, Chile.

18:45 – 19:30 TECHNICAL LECTURE GRUPO BIOS
Calbuco Room

TECHNICAL LECTURE BD BIOSCIENCES
Tronador Room

19:45 – 21:15 ORAL PRESENTATIONS I
Calbuco Room

ORAL PRESENTATIONS II
Tronador Room

21:15 DINNER

TUESDAY, NOVEMBER 19, 2024

08:00 POSTER MOUNTING SESSION I
Convention Center Foyer

09:00 – 10:30 ORAL PRESENTATIONS III
Calbuco Room

ORAL PRESENTATIONS IV
Tronador Room

10:30 – 12:30 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

10:30 – 12:00 POSTER VIEWING SESSION I
Convention Center Foyer

12:00 – 13:00 PLENARY LECTURE
Volcanes Room
Chairs: Verónica Eisner, P. Universidad Católica de Chile, Chile.
Steffen Hartel, Universidad de Chile, Chile.

MITOCHONDRIAL PEARLING AND mtDNA SEGREGATION. Suliana Manley, Switzerland.

13:00 – 15:00 LUNCH

15:00 – 17:00 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

15:00 – 16:30 POSTER VIEWING SESSION I
Convention Center Foyer

16:30 – 18:00 SYMPOSIUM "DECIPHERING AGING: MOLECULAR MECHANISMS AND THERAPEUTIC INTERVENTIONS"
Volcanes Room
Chair: Rodrigo Pacheco, Centro Ciencia & Vida, Universidad San Sebastián, Chile.

TARGETING CENTRAL AND PERIPHERAL INNERVATION TO PREVENT AND REVERSE AGE-RELATED CONDITIONS. Felipe Court, Universidad Mayor, Chile.

THE METABOLIC SENSOR GCN2 IN THE COGNITIVE IMPROVEMENT IN AGING IN RESPONSE TO A NUTRITIONAL STRATEGY. Soledad Matus, Centro Ciencia & Vida, Universidad San Sebastián, Chile.

TARGETING T-CELL MEDIATED AUTOIMMUNE RESPONSE TO ALPHA-SYNUCLEIN TO STOP NEURODEGENERATION IN PARKINSON'S DISEASE. Rodrigo Pacheco, Centro Ciencia & Vida, Universidad San Sebastián, Chile.

18:15 – 19:45 FORO SBCCH: ROL SOCIAL DE LA CIENCIA EN CHILE
Volcanes Room

20:00 – 21:00 PLENARY LECTURE "LUIS IZQUIERDO FERNANDEZ"
Volcanes Room
Chair: Silvana Zanlungo, President SBCCH
Isabel Castro, Facultad de Medicina, Universidad de Chile

TITULO PENDIENTE. María Julieta González Burgos, Facultad de Medicina, Universidad de Chile

21:00 DINNER

WEDNESDAY, NOVEMBER 20, 2024

08:00 POSTER MOUNTING SESSION II
Convention Center Foyer

09:00 – 10:30 ORAL PRESENTATIONS V
Calbuco Room

ORAL PRESENTATIONS VI
Tronador Room

10:30 – 12:30 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

10:30 – 12:00 POSTER VIEWING SESSION II
Convention Center Foyer

12:00 – 13:00 PLENARY LECTURE
Volcanes Room
Chair: María Rosa Bono, Universidad de Chile, Chile.

DECODING THE INITIATION AND RESOLUTION OF INTESTINAL DISORDERS: LESSONS FROM ZEBRAFISH AND SYSTEMS IMMUNOLOGY. Eduardo Villablanca, Sweden.

13:00 – 15:00 LUNCH

15:00 – 17:00 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

15:00 – 16:30 POSTER VIEWING SESSION II
Convention Center Foyer

16:30 – 18:30 SYMPOSIUM "EXPLORING PATHOGENIC MECHANISMS AND THERAPEUTIC APPROACHES FOR NEURODEGENERATIVE DISEASES" (*Projects FOVI230141 and FONDECYT 1241503).*
Volcanes Room
Chair: Alejandra Alvarez, P. Universidad Católica de Chile, Chile.

TITULO PENDIENTE. Alejandra Alvarez, P. Universidad Católica de Chile, Chile

TITULO PENDIENTE. Carlos Enrich, Universidad de Barcelona, Barcelona, Spain.

TITULO PENDIENTE. Juan Marugan, NCATS-NIH, Bethesda, USA.

TITULO PENDIENTE. Silvana Zanlungo, P. Universidad Católica de Chile, Chile.

18:30 – 19:15 TECHNICAL LECTURE GENEXPRESS
Calbuco Room

TECHNICAL LECTURE ARQUIMED
Tronador Room

19:30 – 20:30 BEST THESES AWARDS "SBCCH AND GRUPO BIOS"
Volcanes Room
Chairs: Silvana Zanlungo, President SBCCH
Karina Massouh, Grupo Bios

20:30 SOCIETY MEMBERS MEETING

21:00 DINNER

THURSDAY, NOVEMBER 21, 2024

08:00 POSTER MOUNTING SESSION III
Convention Center Foyer

09:00 – 10:30 ORAL PRESENTATIONS VII
Calbuco Room

ORAL PRESENTATIONS VIII
Tronador Room

11:00 – 13:00 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

11:00 – 12:30 POSTER VIEWING SESSION III
Convention Center Foyer

12:45 – 14:30 LUNCH

14:30 – 16:00 POSTER VIEWING SESSION III
Convention Center Foyer

15:00 – 17:00 SCIENCE AND REGIONAL SCHOOLS
Maullin Room

16:00 – 18:00 SYMPOSIUM "ROLE OF ASTROGLIAL GLIOTRANSMISSION IN HEALTH AND DISEASE"
Volcanes Room
Chair: Jimmy Stehberg, Universidad Nacional Andrés Bello, Chile.

THE FUNCTION OF HEMICHANNELS IN ASTROCYTES: A DOUBLE-EDGED SWORD. Juan Andrés Orellana, P. Universidad Católica de Chile, Chile.

NEURON-ASTROCYTE SIGNALING IN STRESS-INDUCED DEPRESSIVE-LIKE STATES. Gertrudis Perea, Instituto Cajal, Spain.

INCREASED ASTROGLIAL GLIOTRANSMISSION IN THE VENTRAL HIPPOCAMPUS LEADS TO DEPRESSIVE- LIKE SYMPTOMS IN CHRONIC STRESS RODENT MODELS OF DEPRESSION. Jimmy Stehberg, Universidad Nacional Andrés Bello, Chile.

HELICOBACTER PYLORI OUTER MEMBRANE VESICLES PROMOTE ASTROCYTE REACTIVITY AND NEURAL DYSFUNCTION THROUGH TLR2 ENGAGEMENT. Lisette Leyton, Universidad de Chile, Chile.

18:00 – 19:00 YOUNG SCIENTIST AWARD - GRUPO BIOS AND SBCCH
Volcanes Room
Chairs: Silvana Zanlungo, President SBCCH
Karina Massouh, Grupo Bios

TITULO PENDIENTE. Eugenia Morselli, Universidad San Sebastián, Chile.

19:00 – 20:00 CLOSING PLENARY LECTURE "SBCCH"
Volcanes Room
Chair: Silvana Zanlungo Matsuhiro, SBCCH President

ÉTICA EN LA INVESTIGACIÓN: UN DESAFÍO PARA TODA LA COMUNIDAD CIENTÍFICA. Juan Larraín C. Instituto de Éticas Aplicadas, Facultad de Ciencias Biológicas, P. Universidad Católica de Chile

20:00 – 21.00 AWARDS CEREMONY
Volcanes Room
BEST IMAGES IN CELL BIOLOGY
BEST ORAL PRE AND POSTGRADUATE COMMUNICATIONS

21:00 DINNER