

SUNDAY 6th NOVEMBER

| Hour | Room 1 | Room 2 | Room 3 | Room 4 |
|-------------|---|--------|--------|---------------------|
| 09:00-09:15 | | | | Registration |
| 09:15-09:30 | | | | |
| 09:30-09:45 | | | | |
| 09:45-10:00 | | | | |
| 10:00-10:15 | | | | |
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| 15:15-15:30 | | | | |
| 15:30-15:45 | | | | |
| 15:45-16:00 | | | | |
| 16:00-16:15 | Opening Ceremony | | | |
| 16:15-16:30 | | | | |
| 16:30-16:45 | Opening Lecture | | | |
| 16:45-17:00 | SLIMP Chile 2005 | | | |
| 17:00-17:15 | (J Las Heras, Chile) | | | |
| 17:15-17:30 | Opening Lecture | | | |
| 17:30-17:45 | Chilean Society of Physiological Sciences | | | |
| 17:45-18:00 | (R Boyd, UK) | | | |
| 18:00-18:15 | Round Table 1 | | | |
| 18:15-18:30 | <i>Diabetes and placenta</i> | | | |
| 18:30-18:45 | Coordinador: M Rudge (Brasil) | | | |
| 18:45-19:00 | M Rudge (Brasil), | | | |
| 19:00-19:15 | G Desoye (Austria), I Calderon (Brasil) | | | |
| 19:15-19:30 | D Damasceno (Brasil) | | | |
| 19:30-20:45 | Welcome Cocktail | | | |

MONDAY 7th NOVEMBER

| Hour | Room 1 | Room 2 | Room 3 | Room 4 |
|-------------|---|--|---|-----------------------------------|
| 09:00-09:15 | Lecture 1 | Lecture 2 | Lecture 3 | Poster Session 1 P1-P58 |
| 09:15-09:30 | (A Fazleabas, USA) | (D Yudilevich, Chile) | (F Proverbio, Venezuela) | |
| 09:30-09:45 | | | | |
| 09:45-10:00 | Round Table 2 | Round Table 3 SCHRD | Round Table 4 UCH | |
| 10:00-10:15 | <i>Cytokines and trophoblast: a cellular and molecular approach</i> | <i>Molecular bases of endometrial function</i> | <i>Syncytiotrophoblast: membrane, transport and pathology</i> | |
| 10:15-10:30 | | | | |
| 10:30-10:45 | Chair: E Bevilacqua (Brasil) | Chair: L Velázquez | Chair: G Riquelme | |
| 10:45-11:00 | U Markert (Alemania), | M Vega, H Croxatto, | R Boyd (UK), G Riquelme, | |
| 11:00-11:15 | L Paulesu (Italia), E Bevilacqua | L Velázquez, R Sherwin (UK) | B Campos (USA), C Ibarra (Argentina) | |
| 11:15-11:30 | Coffee | | | |
| 11:30-11:45 | Attended Poster Session 1 (Room 4) | | | Incorporations SCHCF:PI1-8 |
| 11:45-12:00 | | | | |
| 12:00-12:15 | | | | |
| 12:15-12:30 | | | | |
| 12:30-12:45 | (T Zorn, Brasil) | I2 | (M Wintour, Australia) | |
| 12:45-13:00 | | I3 | | |
| 13:00-13:15 | Lunch | I4 | Lunch | |
| 13:15-15:00 | Lunch | | | |
| 15:00-15:15 | Lecture 6 | Incorporations II SCHCF: I5 | Lecture 7 | |
| 15:15-15:30 | (G Desoye, Austria) | I6 | (J Reyes, Chile) | |
| 15:30-15:45 | | I7 | | |
| 15:45-16:00 | Round Table 5 UDEC | Round Table 6 SCHCF | Round Table 7 UV | |
| 16:00-16:15 | <i>Feto-maternal and neonatal health</i> | <i>Calcium channels: function and mechanisms</i> | <i>Extracellular matrix in the feto-maternal interface</i> | |
| 16:15-16:30 | | | | |
| 16:30-16:45 | Chair: J Cabrera | Chair: M Delpiano | Chair: S San Martín | |
| 16:45-17:00 | C Soto, H Araneda, | R Latorre, AM Cárdenas, | T Zorn (Brasil), S San Martín | |
| 17:00-17:15 | G Cruz, JP Figueroa (USA) | J Hidalgo, M Delpiano, A Cavallié (Germany) | M Cameo (Argentina) | |
| 17:15-17:30 | Coffee | | | |
| 17:30-17:45 | Round Table 8 SCHCF | Incorporations III SCHCF: I8 | Round Table 9 SCHCF | |
| 17:45-18:00 | <i>Intrauterine growth restriction and fetal programming</i> | I9 | <i>Topics to update the teaching of physiology</i> | |
| 18:00-18:15 | | I10 | | |
| 18:15-18:30 | Chair: P Casanello | Oral Communications I: CO1 | Chair: B Ramírez | |
| 18:30-18:45 | L Myatt (USA), V Mericq | CO2 | E Rugiero, B Ramírez, | |
| 18:45-19:00 | M Wyntour (Australia), J Becker | CO3 | P Hansen (Canadá), B Zamorano | |
| 19:00-19:15 | Lecture 8 | CO4 | Lecture 9 | |
| 19:15-19:30 | (JP Figueroa, USA) | CO5 | (C Vio, Chile) | |
| 19:30-19:45 | | CO6 | | |
| 19:45-20:45 | | SCHCF member's meeting | | |

TUESDAY 8th NOVEMBER

| Hour | Room 1 | Room 2 | Room 3 | Room 4 |
|-------------|---|---|---|-------------------------------------|
| 09:00-09:15 | Lecture 10 (P Johnson, UK) | Incorporations IV SCHCF: I11 I12 I13 | Lecture 11 (R Kinne, Alemania) | Poster Session 2 P59-P120 |
| 09:15-09:30 | | | | |
| 09:30-09:45 | | | | |
| 09:45-10:00 | Round Table 10 | Oral Communications: CO7 | Round Table 11 SCHCF | |
| 10:00-10:15 | <i>Immune factors and reproduction</i> | CO8 | <i>Primate implantation, human and baboons</i> | |
| 10:15-10:30 | Chair: S Daher (Brasil) | CO9 | | |
| 10:30-10:45 | P Johnson (UK), S Daher, R Mattar (Brasil) | CO10 | Chair: P Cameo (Argentina) | |
| 10:45-11:00 | A Zenclussen (Germany), G Guitiérrez | CO11 | A Fazleabas (USA), A Ortiz, | |
| 11:00-11:15 | (Argentina), A Cadavid (Colombia) | CO12 | P Bishcof (Suiza) | |
| 11:15-11:30 | Coffee | | | |
| 11:30-11:45 | Attended Poster Session 2 (Room 4) | | | |
| 11:45-12:00 | | | | |
| 12:00-12:15 | | | | |
| 12:15-12:30 | Lecture 12 | | Lecture 13 | |
| 12:30-12:45 | (R Gómez, Chile) | | (M Pastor-Anglada, España) | |
| 12:45-13:00 | | | | |
| 13:00-13:30 | SLIMP Delegates meeting | | | |
| 13:30-15:00 | Lunch | | | |
| 15:00-15:15 | Lecture 14 | Incorporations V SCHCF: I14 | Lecture 15 | |
| 15:15-15:30 | (L Myatt, USA) | I15 | (R Devés, Chile) | |
| 15:30-15:45 | | I16 | | |
| 15:45-16:00 | Round Table 12 SCHF | Oral Communications: CO13 | Round Table 13 UBB-SCHCF | |
| 16:00-16:15 | <i>Emergency contraception</i> | CO14 | <i>Functional heterogeneity of epithelium</i> | |
| 16:15-16:30 | | CO15 | Chair: L Sobrevia | |
| 16:30-16:45 | Chair: A Manzur | CO16 | G Desoye (Austria), G Rice | |
| 16:45-17:00 | ME Ortiz, H Croxatto, | CO17 | (Australia), M Pastor-Anglada (España) | |
| 17:00-17:15 | S Díaz, L Devoto, J Neira | CO18 | R San Martín, R Kinne (Alemania) | |
| 17:15-17:30 | Coffee | | | |
| 17:30-17:45 | Round Table 14 SCHOG | Oral Communications: CO19 | Round Table 15 UCH | |
| 17:45-18:00 | <i>Fetal hypoxia: a model of</i> | CO20 | <i>Physiological effects of prenatal exposure</i> | |
| 18:00-18:15 | <i>multisystemic response</i> | CO21 | <i>to environmental contaminants</i> | |
| 18:15-18:30 | Chair: H Muñoz | CO22 | Chair: AM Ronco | |
| 18:30-18:45 | J Carvajal, A Llanos, | CO23 | A Tchernitchin, M Vásquez, AM Ronco, | |
| 18:45-19:00 | M Parra, H Muñoz | CO24 | M Levario (México), S Duk, F Archavaleta (México) | |
| 19:00-19:15 | Lecture 16 | | | |
| 19:15-19:30 | (P Bischof, Suiza) | | | |
| 19:30-19:45 | | | | |
| 20:15-23:30 | Official Dinner Welcome to the new members of the Chilean Society of Physiological Sciences (in the dinner place) | | | |

WEDNESDAY 9th NOVEMBER

| Hour | Room 1 | Room 2 | Room 3 | Room 4 |
|-------------|--|---|--|--------|
| 09:00-09:15 | Lecture 17 | Lecture 18 | Lecture 19 | |
| 09:15-09:30 | (R Sherwin, UK) | (D Haust, USA) | (M Imschenetzky, Chile) | |
| 09:30-09:45 | | | | |
| 09:45-10:00 | Round Table 16 | Round Table 17 | Round Table 18 SCHCF | |
| 10:00-10:15 | <i>Thrombophilia</i> | <i>Transport in placenta</i> | <i>Physiology of transition metals</i> | |
| 10:15-10:30 | | Chair: R Marín (Venezuela) | | |
| 10:30-10:45 | Chair: R Barini (Brasil) | F Proverbio (Venezuela), | Chair: T Núñez | |
| 10:45-11:00 | A Beer (USA), E Couto (Brasil), | F Larrea (Argentina), A Damiano (Argentina) | C Vergara, M Arredondo, | |
| 11:00-11:15 | R Barini (Brasil), M Cavalcante (Brasil) | R Marín (Venezuela) | H Speisky, M González, T Núñez | |
| 11:15-11:30 | Coffee | | | |
| 11:30-11:45 | Lecture SLIMP 2003 prize | | | |
| 11:45-12:00 | (S Del Mónaco, Argentina) | | | |
| 12:00-12:15 | Closing Lecture | | | |
| 12:15-12:30 | (G Rice, Australia) | | | |
| 12:30-12:45 | | | | |
| 12:45-13:00 | Closing Ceremony | | | |

Abbreviations

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|--------------|---|
| SCHCF | Chilean Society of Physiological Sciences |
| SCHOG | Chilean Society of Obstetrics and Gynecology |
| SCHF | Chilean Society of Fertility |
| SCHRD | Chilean Society of Reproduction and Development |
| UCH | Universidad de Chile |
| UDEC | Universidad de Concepción |
| UV | Universidad de Valparaíso |
| CI | Incorporation Communication |
| PI | Incorporation Poster |
| CL | Oral Communication |

PLENARY LECTURES

| Lecture | Speaker | Title of the conference |
|-----------------|---------------------------------|---|
| Inaugural 1 | Jorge Las Heras (Chile) | The human placenta: from daily diary to route sheet. A model to build. |
| Inaugural 2 | R Boyd (Inglaterra) | The placenta and fetal wellbeing: what is the role of amino acid transporters? |
| Lecture 1 | Asgi Fazleabas (USA) | Implantation in primates: cellular and molecular responses |
| Lecture 2 | David Yudilevich (Chile) | Placental transport and the trips of Darwin and Humbolt, three topics of a scientist |
| Lecture 3 | Fulgencio Proverbio (Venezuela) | Changes in the plasma membrane calcium transport and its importance for the pathogenesis of preeclampsia |
| Lecture 4 | Telma Zorn (USP, Brasil) | Decidua in rodents |
| Lecture 5 | Marelyn Wintour (Australia) | Aquaporins in development |
| Lecture 6 | Gernot Desoye (Austria) | The human placenta in diabetes mellitus |
| Lecture 7 | Juan Reyes (Chile) | Metabolic differentiation, interaction and signalling in the seminiferous epithelium: lessons from below |
| Lecture 8 | Jorge P Figueroa (USA) | Fetal programming how to interpret its relation with low birth weight |
| Lecture 9 | Carlos Vio (Chile) | Biology of chronic renal diseases |
| Lecture 10 | Peter Johnson (UK) | Uteroplacental cytokines and the Th1/Th2 paradigm |
| Lecture 11 | Rolf Kinne (Alemania) | Epitelial sugar transport: cellular and molecular aspects |
| Lecture 12 | Ricardo Gómez (Chile) | Corioamnionitis and intrauterine neurological damage |
| Lecture 13 | Marcal Pastor-Anglada (España) | Nucleoside transporters: from physiology to pharmacology |
| Lecture 14 | Leslie Myatt (USA) | Oxidative and Nitrative Stress in the Placenta |
| Lecture 15 | Rosa Devés (Chile) | Science for all children: the call of the Academies of Science |
| Lecture 16 | Paul Bischof (Suiza) | Regulation of trophoblast invasion during embryo implantation and placentation |
| Lecture 17 | Rob Sherwin (Inglaterra) | Local regulators of endometrial receptivity |
| Lecture 18 | Daria Haust (Canadá) | The infant and placenta in diabetic pregnancies |
| Lecture 19 | María Imschentezky (Chile) | Role of cystein proteases in male chromatin remodeling after fertilization and impact of its inhibition on the initial cycle and first cleavage division in sea urchins |
| SLIMP 2003 | Silvana del Mónaco (Argentina) | Epithelial sodium channel (ENaC) in the syncytiotrophoblast |
| Closing Lecture | Gregory Rice (Australia) | Protein profiling- the application of proteomic technologies in reproductive biology |