

TRANSLATIONAL COURSE: FROM THE CLINIC TO THE LABORATORY

September 2 and 3, 2022. Hotel Plaza El Bosque Manquehue. Santiago

SOCHED President: Dr. Germán Iñiguez V.

Course Directors: Dra. M. Isabel Hernández C.

Dr. Cristian Carvajal M. PhD

PROGRAM

FRIDAY, SEPTEMBER 2

08:00-08:25 REGISTRATION

08:25-08:30 WELCOME AND INTRODUCTION TO THE COURSE

MODULE 1 Moderators: Dra. Marta Arriaza – Dr. Francisco Pérez

08:30-08:55 GENETIC STUDIES: DIAGNOSTIC APPROACH AND CURRENT TECHNIQUES

Dr. Guillermo Lay-Son, Pontificia Universidad Católica de Chile

08:55-09:00 Discussion and Questions

09:00-09:25 GENOMIC STUDIES ASSOCIATED WITH ENDOCRINE PATHOLOGY

Dr. José Santos PhD, Pontificia Universidad Católica de Chile

09:25-09:30 Discussion and Questions

09:30-09:55 EPIGENETICS IN HUMAN DISEASES, WITH EMPHASIS ON METABOLIC AND ENDOCRINOLOGICAL PATHOLOGIES

Prof. Simonetta Friso MD, University of Verona. Italy

09:55-10:00 Discussion and Questions

10:00-10:30 COFFEE

MODULE 2 Moderators: Dra. Alejandra Lanás – Dr. Cristian Carvajal

10:30-10:55 EXTRACELLULAR VESICLES AND THEIR EMERGING ROLES AS CELLULAR MESSENGERS IN ENDOCRINOLOGY

Dr. Carlos Solomon PhD, University of Queensland. Australia

10:55-11:00 Discussion and Questions

- 11:00-11:25 EXTRACELLULAR VESICLES IN ARTERIAL HYPERTENSION
Prof. Uta Erdbruegger MD, University of Virginia. USA
- 11:25-11:30 Discussion and Questions
- 11:30-11:55 THE SCIENTIFIC DEEDS RESPONSIBLE FOR VACCINES FOR COVID 19
Prof. Alexis Kalergis PhD, Pontificia Universidad Católica de Chile
- 11:55-12:00 Discussion and Questions
- 12:00-14:00 BREAK
- MODULE 3 Moderators: Dr. Carlos Fardella – Dr. René Díaz
- 14:00-14:25 APPROACH IN THE DIAGNOSIS AND MONITORING OF ADRENAL ADENOMAS
Dr. René Baudrand MD, Pontificia Universidad Católica de Chile
- 14:25-14:30 Discussion and Questions
- 14:30-14:55 ROLE OF THE METABOLOME IN ADRENAL DISEASES
Dr. Irina Bancos MD, Mayo Clinic. USA
- 14:55-15:00 Discussion and Questions
- 15:00-15:25 GENETICS, EPIGENETICS AND NEW BIOMARKERS IN ENDOCRINE ARTERIAL HYPERTENSION
Dr. Cristian Carvajal PhD, Pontificia Universidad Católica de Chile
- 15:25-15:30 Discussion and Questions
- 15:30-16:00 COFFEE
- MODULE 4 Moderators: Dra. Ethel Codner – Dr. Javier Vega
- 16:00-16:30 ADVANCES IN THE MOLECULAR DIAGNOSIS OF NEONATAL DIABETES
Dr. Sarah Flanagan PhD, University of Exeter. England
- 16:25-16:30 Discussion and Questions
- 16:30-16:55 IMPACT OF THE INTESTINAL MICROBIOTA ON DIABETES
Dr. Martin Gotteland, Universidad de Chile
- 16:55-17:00 Discussion and Questions

SATURDAY, SEPTEMBER 3

- MODULE 5 Moderators: Dra. M. Isabel Henández – Dr. Francisco Guarda
- 09:00-09:25 GROWTH HORMONE: FROM GENETIC ENGINEERING TO TREATMENT

- Dr. Cecilia Camacho-Hübner, Pfizer-Mount Sinai Medical School, NY, United States*
- 09:25-09:30 Discussion and Questions
- 09:30-09:55 MOLECULAR BASES OF RASOPATHIES AND THEIR APPLICATION
Dr. Fernando Rodríguez PhD, Universidad de Chile
- 09:55-10:00 Discussion and Questions
- 10:00-10:25 GENETICS OF PITUITARY ADENOMAS AND ITS IMPACT ON TREATMENT
Dr. Adrian Daly MD, University of Liege. Belgium
- 10:25-10:30 Discussion and Questions
- 10:30-11:00 COFFEE
- MODULE 6 Moderators: Dra. Maritza Garrido – Dra. Maite Candia
- 11:00-11:25 NOVELTIES IN THE PATHOPHYSIOLOGY OF THE POLYCYSTIC OVARY SYNDROME
Dr. Nicolás Crisosto MD, Universidad de Chile
- 11:25-11:30 Discussion and Questions
- 11:30-11:55 HYPERGONADOTROPHIC HYPOGONADISM IN THE MALE: FROM BASIC TO CLINICAL RESEARCH OF MALE INFERTILITY
Dr. M. Cecilia Lardone PhD, Universidad de Chile
- 11:55-12:00 Discussion and Questions
- 12:00-12:25 UPDATE ON CONGENITAL ADRENAL HYPERPLASIA AND 11-OXYANDROGENS
Dra. Adina Turcu MD, University of Michigan. USA
- 12:25-12:30 Discussion and Questions
- MODULE 7 Moderators: Dra. M. Isabel Hernández – Dr. Cristian Carvajal
- 12:30-12:55 MEDICAL IMAGES AND THE ROLE OF ARTIFICIAL INTELLIGENCE
Prof. Claudia Prieto PhD, Pontificia Universidad Católica de Chile
- 12:55-13:00 Discussion and Questions
- 13:00-13:10 COURSE CLOSURE