Student projects session

May 4, Wednesday
12:00-13:30

PR.1 Participation of the anterior Paraventricular Thalamus (PVT) in the entrainment of the biological clock to light.
*Aura Becerril Parra, Raúl Aguilar Roblero.*

PR.2 Sexual behavior and sexual function as a potential "Zeitgeber". Alterations in the sexuality of nurses who work shift-work.
*Andres Camargo-Sanchez, Martín Alejandro Pilonieta-Rueda, Carmen Lucia Niño-Cardozo.*

PR.3 Study of variability circadian body temperature and sleep-wake cycle of the student night shift workers.
*Ferreira Luciane Carmona, De Martino Milva Figueiredo.*

PR.4 Characterization of social factors associated with diurnal sleepiness in kindergarten children.
*Aline Silva Belisio, Fernando Mazzilli Louzada, Pablo Valdez, Carolina Macêdo Azevedo.*

PR.5 Effects of advance and delay of the sleep phase on the components of attention.
*Diana Juarez, Pablo Valdez.*

PR.6 Effects of coffee ingestion on the components of attention after a 24 h sleep deprivation.
*Mariana Reyna, Pablo Valdez.*

PR.7 Effects of a 15 minutes nap on the components of attention.
*Juventino Cortez, Pablo Valdez.*

Poster Session 1

May 4, Wednesday
18:30-20:00

P1.01 Stress and chronotype analysis in day and night shift students.
*Carla Parada Pazinatto Andreoli, Milva Maria Figueiredo De Martino.*

P1.02 Chronotype assessment: validation of the MCTQ in a sample of university students from Brazil.
*Marilene Farias Alam, Karla V. Allebrandt, Mabel Mascarenhas Wiegand, Giovana Dantas, Rosa Maria Levandovski, Rosana Mendonça De Souza, Maria Paz Hidalgo.*

P1.03 Retirement, wrist temperature rhythm and time estimation.
*Mario Miguel, Luiz Menna-Barreto.*

P1.04 Synchrony in circadian activity rhythm socially adjusted in juveniles common marmosets (Callithrix jacchus).
Paula Rocha De Melo, Camila Moura Bessa, Fernanda Fernandes Kolodiu, Henrique James, Bruno Silva, Alexandre Augusto Lara Menezes, Carolina Macêdo Azevedo.

P1.05 Irregularity of sleep schedules, daytime sleepiness and sleep quality of students and teachers in the morning shift.

P1.06 Flying mice: Internal forced desynchronization in a murine model of chronic jet-lag.
Leandro Pablo Casiraghi, Gisele Akemi Oda, Juan José Chiesa, Wolfgang Otto Friesen, Diego Andrés Golombek.

P1.07 Effects of a 30-minutes advance in school schedule on sustained attention in children.
Juventino Cortez, Diana Juarez, Jorge Borrani, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.08 Effects of 24-h sleep deprivation on attention.
Juventino Cortez, Diana Juarez, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.09 Relationship between sleep patterns and cognitive performance in elderly humans.
Aparecida Caroline Araujo, Luiz Menna-Barreto.

P1.10 Comparative analysis of biological rhythms in fullterm and preterm babies.
Clarissa Bueno, Luiz Menna-Barreto.

P1.11 Circadian variations in alertness.
Juventino Cortez, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.12 Circadian variations in cognitive inhibition and flexibility.
Benito Martinez, Aida Garcia, Javier Talamantes, Candelaria Ramirez, Pablo Valdez.

P1.13 Effects of sleep reduction on the components of attention.
Diana Juarez, Martha Guerrero, Layla Arroyo, Juventino Cortez, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.14 Effects of sleep deprivation on working memory.
Jacqueline Del Angel, Gabriela Iracheta, Diana Juarez, Juventino Cortez, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.15 Sleep-wake cycle and activity-rest cycle in elderly people.
Anahi Flores, Xochitl Ortiz, Aida Garcia, Candelaria Ramirez, Pablo Valdez.

P1.16 Sleep pattern, learning and memory, in nursing personnel working in a Bogotá hospital, Colombia, 2011.
Carmen Niño-Cardozo, Andres Carmargo-Sanchez.

P1.17 Motor activity of manatee (Trichechus manatus manatus) in semi-captivity conditions: preliminary results.
Victoria Eugenia Holguin, Victor Manuel Alcaraz, Jairo Ignacio Muñoz.
P1.18 Sleep habits, chronotypes and obesity/overweight in medical students at UNAM. 
Eduardo González-Guerra, Donaji Herédia-García, Carolina Escobar-Briones.

P1.19 Mapping chrono pre-metabolic syndrome in Mexico City.

P1.20 Experimental chrono-homeopathic study with Aconitum napellus in female mice.

P1.21 Discussion about the interaction between medicine and human body biological clock.
Feng Xiu Jie, Zhuang Hong Yan.

P1.22 The association among sleep quality and mid-sleep phase with use of antihypertensive drugs.
Rosa Maria Levandovski, Till Roenneberg, Karla Viviane Allebrandt, Maria Paz Loayza Hidalgo.

P1.23 Type 1 Diabetes mellitus (T1DM) itself seems to have no impact on the rest/activity rhythm (RAR).
Mark Thomas Ugliara Barone, Denise Reis Franco, Mario Kehdi Carra, Fabiola Schorr, Geraldo Lorenzi, Luiz Menna-Barreto.

P1.24 Differences in sleep and daily metabolic profiles between overweight and normal mice Neotomodon alstoni.
Citlalli Fuentes Granados, Pilar Durán, Manuel Miranda Anaya.

P1.25 Chrono homeopathic actions of Aconitum napellus upon human heart rate.

P1.26 Alterations in the characteristics of circadian variation of BP in non-dippers.
Razia Sultana, Atanu Kumar Pati.

P1.27 Emerging Leaders in the Americas Program (ELAP).
Martin Roland Ralph.

P1.28 Sleep patterns and risk factors for metabolic syndrome among professional public transport drivers.
Ma. Elena Durán Lizarraga, Juan Manuel Ponce, Miguel Angel Palomino O Garibay.

P1.29 Custom-made software for digital signal analysis on chronobiology.
Arturo Vega-Gonzalez, Raul Aguilar-Roblero.

P1.30 Chronobiologic Viscum album study in breast cancer.
Alfredo A. Abuín Landín.
Poster Session 2

May 5, Thursday
12:00-13:30

P2.01 Rat liver gabaergic system characterization during food entrainable oscillator expression.
Olivia Vazquez Martinez, Monica Villalobos Leal, Isabel Mendez, Diego Hernandez Saavedra, Mauricio Díaz-Muñoz.

P2.02 Regulation of hepatic mitochondrial beta-oxidation during the expression of the Food Entrained Oscillator.
Julieta Berenice Rivera, Mauricio Díaz-Muñoz.

P2.03 Sub-cellular localization and release of the mitochondrial enzyme Ornithine Transcarbamylase, in rat liver during the expression of the Food Entrained Oscillator.
Braulio Ayala-García, Mauricio Díaz-Muñoz.

P2.04 Role of the intracellular calcium signaling during hepatic food-entrainment.
Adrián Báez-Ruiz, Mauricio Díaz-Muñoz.

P2.05 The hepatic zonation of the Phosphoenolpyruvate Carboxikinase changed in a daytime restricted food schedule.
Moises Perez-Mendoza, Mauricio Diaz-Muñoz.

P2.06 Hepatoprotective effects of food restriction in the induction and development of Hepatocellular Carcinoma in rats.
Christian Molina-Aguilar, Mauricio Diaz-Muñoz.

P2.07 Circadian rhythm of energy expenditure and consumption of oxygen by indirect calorimetry in enteral nutrition therapy.
Marlene Pooch Leuck, Rosa Maria Levandovski, Claudia Will Machado, Maria Paz Hidalgo.

P2.08 Behavioral and temperature changes that precede food entrainment.
Estefa Espitia, Dulce Maria Palomares-Vazquez, Rodrigo Ivan Osnaya, Carolina Escobar.

P2.09 Differential involvement of Orexin cells in food entrainment.
Angeles Jiménez, Mario Caba, Carolina Escobar.

P2.10 Scheduled feeding does not reentrain the estrous cycle in female Wistar rats maintained in constant light.
Donají Heredia García, Mariana Pliego Caballero, Isabel García-Peláez, Carolina Escobar Briones.

P2.11 Aftereffects of entrainment in the field provide new insights into the switch from diurnality to nocturnality in the subterranean rodent Tuco-tuco (Ctenomys cf. knight).
Barbara Mizumo Tomotani, Danilo Eugênio De França Laurindo Flóres, Patricia Tachinardi, Jose Demetrio Paliza, Gisele Akemi Oda, Veronica Sandra Valentinuzzi.
P2.12 Effect of overweight on entrainment of locomotor activity in the volcano mouse Neotomodon alstoni: gender differences.
Vania Patricia Carmona Alcocer, G. Ivette Aguilar González, Manuel Miranda Anaya.

P2.13 Overweight in females reduces the entrainment of circadian locomotor activity in the volcano mouse Neotomodon alstoni.
Ivette Aguilar González, Vania Patricia Carmona Alcocer, Manuel Miranda Anaya.

P2.14 Comparative analysis of circadian rhythms of the mosquitoes Aedes aegypti and Culex quinquefasciatus under temperature cycles.
Gustavo Bueno Rivas, Carla Gentile, Alexandre Afranio Peixoto.

P2.15 Modulation of the circadian rhythm of body temperature by intense activity in a subterranean rodent (Ctenomys cf. knighti).
Patricia Tachinardi, Barbara Mizumo Tomotani, Danilo Eugênio De Franca Laurindo Flôres, Jose Eduardo Pereira Wilken Bicudo, Verónica Sandra Valentínuzzi, Gisele Akemi Oda.

P2.16 A subterranean rodent’s “natural entrainment” .
Danilo Eugênio De França Laurindo Flôres, Barbara Mizumo Tomotani, Patricia Tachinardi, Gisele Akemi Oda, Verónica Sandra Valentínuzzi.

P2.17 Locomotor activity and sleep rhythms in the Mongolian gerbil Meriones unguiculatus are differentially affected by short and long photoperiod.
Cinthia Rocío Juárez-Tapia, Pilar Durán, Manuel Miranda-Anaya.

P2.18 Effect of different photoperiods on the rhythmic induction of Hypoxia-inducible Factor-1 and Heat Shock Pathway.

P2.19 Low temperature pulses produce circadian effects on the locomotor activity rhythm of the crayfish P. Clarkii.
Irving Palma-Anzures, Julio Prieto-Sagredo, Maria Luisa Fanjul-Moles.

P2.20 Inter-individual variability of Nephrops norvegicus biological rhythms and its implications in stock assessment.
Valerio Sbragaglia, Jacopo Aguzzi, Juan Antonio García, Juan José Chiesa, David Sarriá, Antoni Manuel, Francesc Sardà.

P2.21 Crustacean Hyperglycemic Hormone mRNA oscillation in the crayfish Procambarus clarkii eyestalk.
Janikua Nelson-Mora, Julio Prieto-Sagredo, Maria Luisa Fanjul-Moles.

P2.22 Determination of intron movement in per gene .
Gabina Calderon Rosete, Francisco Martinez Perez, Juan A. Gonzalez Barrios, Luis Kameyama, Jorge L. Fuentes Lorenzo, Leonardo Rodriguez Sosa.
P2.23 Daily fluctuations in the biosynthesis of Phosphatidylcholine and activity of its key enzyme CTP: Phosphocholine Cytidyllytranferase in synchronized cultures of fibroblasts.
Victoria América Acosta Rodríguez, Sebastian Marquez, Mario Eduardo Guido.

P2.24 The effect of gating Ryanodine receptor son the intracellular calcium concentration in SCN neurons in mice.
Daniel Quinto-Muñoz, Stephan Michel, Raul Aguilar-Roblero.

P2.25 Circadian regulation of cytoplasmic mRNA-granules.
Juan Ignacio Lescano, Mario Eduardo Guido, Eduardo Garbarino Pico.

P2.26 Opsin expression and light responses in RGC-5 cells.
Paula Sofía Nieto, Diego Javier Valdez, Victoria América Acosta-Rodríguez, Mario Eduardo Guido.

P2.27 SCN driven changes in the activation of Arcuate Nucleus α-945;-MSH neurons.

P2.28 Circadian rhythms of PER2 in mouse primary hepatocyte cultures.
Martha Luitjte, Penny Molyneux, Mary Harrington.

P2.29 Differential development of the diurnal clock gene expression in the olfactory bulb and Suprachiasmatic nucleus of European Rabbit.
Oscar Hernández-Campos, Rodrigo Montúfar-Chaveznav, Ivette Caldelas.