VI Meeting of the Latin American DOHaD Regional Society

October 26-28 2026

UNIVERSIDAD DE GUANAJUATO

Departamento de Ciencias Médicas, División de Ciencias de la Salud
Universidad de Guanajuato, Campus León

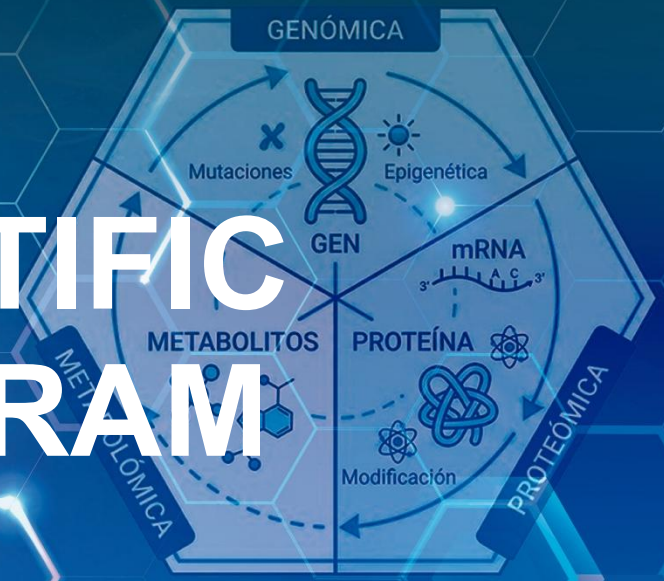
XXVI Reunión Internacional de Ciencias Médicas

Reunión con enfoque multidisciplinario

28 al 30 Octubre 2026

JOINT MEETING

Auditorio Jorge Ibargüengoitia
Sede Fórum del Campus León
León Guanajuato México



SCIENTIFIC PROGRAM

VI Meeting of the Latin American DOHaD Regional Society
Information and Registration

@DOHaD
@la.dohad

www.ladohadsociety.com

XXVI Reunión Internacional de Ciencias Médicas
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Latin American DOHaD Regional Society

DOHaD
International Society for Developmental Origins of Health and Disease

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President of LA-DOHaD Regional Society.
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Silvia Beatriz García González. University of Guanajuato, Mexico.
Rosa Edith Arenas Lugo. University of Guanajuato, Mexico.



PROGRAM AT A GLANCE

Hour	Monday October 26th	Hour	Tuesday October 27th	Hour	Wednesday October 28th	Hour	Thursday October 29th	Hour	Friday October 30th	
8:00 – 9:00	Registration DOHaD	**8:00 – 9:00**	**LA-DOHaD Trainee Activity 1 (Workshop)** / Registration DOHaD	**8:00– 9:00**	**LA-DOHaD Trainee Activity 2 (Networking)** Registro RICM	**8:00 – 9:00**	Registro RICM	**8:00 – 9:00**	Registro RICM	
9:00-10:00	Opening ceremony DOHaD	**9:00-10:30**	**Symposium 3 DOHaD** *Physical Exercise as a Preventive Strategy for Non-Communicable Diseases: Mechanisms, Lifelong Adaptations, and Emerging Opportunities*	**9:00- 9:30**	**LA-DOHaD Women in STEM Mentoring program** (Open to all attendees)	**9:00-10:30**	**Simposio 2 RICM. Ética e investigación en salud en el siglo XXI**	**9:00-10:00**	**Sesión Orales 4 RICM**	
10:00-11:00	**Opening Plenary Lecture 1 DOHaD** ***Elena Zambrano González, PhD. Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, UNAM.***	**10:30-11:30**	**Plenary Lecture 2 DOHaD** ***Paola Casanello, PhD. Pontificia Universidad Católica de Chile, Chile.***	**9:30-10:30**	**Latin American DOHaD Regional Society Assembly** (LA-DOHaD Members)					
11:00-11:30	**Oral Sessions 1**			**10:30-11:30**	**Plenary Lecture 4 DOHaD** ***Bernardo Lessa Horta, PhD. Universidade Federal de Pelotas, Brazil.***	10:30-11:30	**Conferencia Magistral Dra. Eva Ramón Gallegos** ***Escuela Nacional de Ciencias Biológicas del IPN***	**10:00-12:00**	**Simposio 4 RICM. Metalómica**	**10:00-13:00 LA-DOHaD Evento de divulgación Científica** (Biblioteca)
11:30-12:00	Coffee break	**11:30-12:00**	Coffee break	**11:30-12:00**	Coffee break	**11:30-12:00**	Coffee break	**12:00-12:30**	Coffee break	
12:00-13:30	**Symposium 1 DOHaD** *Parental DHA Supplementation and Early-Life Cardio-Metabolic Programming: Evidence from Paternal and Maternal Preclinical and Clinical Models*	**12:00-13:00**	**Plenary Lecture 3 DOHaD** ***Maria Ospina, PhD. Queens University, Canada***	**12:00-13:30**	**LA-DOHaD Closing ceremony and awards**	**12:00-13:45**	**Simposio 3 RICM. Compuestos bioactivos y salud metabólica**	**12:00-12:30**	**Conferencia Magistral. Dr. Arturo Figueroa.** ***Texas Tech University, EU***	
		13:00-13:30	**Oral Sessions 2**		**RICM Inauguración**			**13:30-15:00**	**RICM Evento cultural, y ceremonia de clausura y premiación**	
				13:30-14:30	**Sesión Oral 1 RICM**	**13:45-14:15**	**Probióticos y microbiota** ***YAKULT***			
				13:30-14:30	**Sesión Poster 1 RICM**	**14:00-15:00**	**Sesión Poster 3 RICM**			
13:30-15:30	Lunch (on own)	**13:30-15:30**	Lunch (on own)	**14:30- 16:30**	Lunch (on own)	**15:00- 17:00**	Comida			
15:30-17:00	**Symposium 2 DOHaD** *Beyond the First 1000 Days: Adolescence as a Window of Vulnerability and Opportunity*	**15:30-17:00**	**Symposium 4 DOHaD** *Early intake of excess sugar as a risk factor for the syndemic chronic diseases*	**16:30-18:00**	**Simposio 1 RICM. Salud gestacional y salud bucal en el desarrollo temprano**	**17:00-18:00**	**Sesión Orales 3 RICM**	**15:00-16:00**	Cocktail de clausura	
17:00-18:30	**LA-DOHaD Poster Session 1** & Coffee break	**17:00-18:30**	**LA-DOHaD Poster 2** & Coffee break	**17:30-18:30**	Sesión Poster 2 RICM	**17:00-18:00**	Sesión Poster 4 RICM			
19:00-21:30	**Welcome Cocktail** (Terraza Stadium)	**19:30-21:00**	**Social activity trainees** (1657 Books Librería)	**19:00-23:00**	**LA-DOHaD cultural event and Closing dinner**					

DETAILED PROGRAM

1. Plenary Lectures

Opening Plenary Lecture 1.

Monday October 26th 2026 10:00-11:00 am

From Development to Aging: The Role of Developmental Programming
Elena Zambrano González, PhD.
Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, UNAM.

Plenary Lecture 2.

Tuesday October 27th 2026 10:30-11:30 am

Immune and Adipose Programming in Offspring of Mothers with Obesity: Mechanisms and Targets for Intervention.
Paola Casanello, PhD.
Pontificia Universidad Católica de Chile, Chile.

Plenary Lecture 3.

Tuesday October 27th 2026 12:00-13:00 am

The social environment as an exposure in DOHaD research: a perspective from the sociome.
Maria Ospina, PhD.
Associate Professor in the Department of Public Health Sciences at Queen's University, Canada, and in the Department of Obstetrics and Gynecology at the University of Alberta, Canada.

Plenary Lecture 4.

Wednesday October 28th 2026 10:30-11:30 am

Life-Course Origins of Health: Four Decades of Evidence from the Pelotas Birth Cohorts.
Bernardo Lessa Horta, PhD.
Universidade Federal de Pelotas, Brazil.

2. Symposia

Symposium 1. Monday, October 26 12:00-13:30 pm

Parental DHA Supplementation and Early-Life Cardio-Metabolic Programming: Evidence from Paternal and Maternal Preclinical and Clinical Models.

Coordinator: Consuelo Lomas, PhD. Instituto Nacional de Ciencias Médicas y Nutrición (INCMNSZ), Mexico.

- *Paternal DHA supplementation modifies the sperm metabolome and has a sex-dependent impact on the health of offspring.*
Francisco Bolaños, PhD. UMR Physiologie des Adaptations Nutritionnelles. Nantes Université - INRAE, Nantes, France. IMSS - Centro de Investigación Biomédica de Michoacán, Morelia, México.

- *DHA supplementation in maternal obesity and its effects on offspring liver function: Evidence from animal models.*
Manuel Maliqueo, PhD. Universidad de Chile, Santiago, Chile.

- *Cardiovascular Programming in the Offspring of Women with Obesity: Insights from the OMEGA-STEM Study.*
Kenny Araujo, PhD(c). Pontificia Universidad Católica de Chile, Santiago, Chile.

Oral presentation Symposium 1.

PRT-00004-1
Intergenerational Effects of Paternal Arachidonic Acid Supplementation on Testicular and Vesicular Fluid Fatty Acid Profiles in Mice.
Omar Ernesto Galaviz-Silva.

Symposium 2. Monday, October 26 15:30-17:00 pm

Beyond the First 1000 Days: Adolescence as a Window of Vulnerability and Opportunity. Coordinator: Carlos Alberto Ibáñez Chávez, PhD. UNAM, Mexico.

- *Prepubertal diet as a window of metabolic programming: Lasting effects on adult cholesterol metabolism, hepatic LXRα expression, and epigenetic marks in rats.* Lilia G. Noriega López, PhD. Instituto Nacional de Ciencias Médicas y Nutrición (INCMNSZ).

- *Adolescence plasticity for a healthier later – experimental interventions to block earlier in life malprogramming.*
Douglas Almeida, PhD. Universidade Estadual de Maringá, Brazil.

- *Maternal Obesity Prolongs the Adolescent Growth Spurt in Rats and Alters Health Trajectories in a Sex-Specific Manner.*
Carlos Alberto Ibáñez Chávez, PhD. UNAM, Mexico.

Oral presentation Symposium 2
PRT-00020-1
Breastfeeding, a natural method to reduce fat in an obese rat model.
Ana Paulina Ramos Muñoz.

Symposium 3. Tuesday, October 27 09:00-10:30 am

Physical Exercise as a Preventive Strategy for Non-Communicable Diseases: Mechanisms, Lifelong Adaptations, and Emerging Opportunities. Coordinator: Cristiane Matté, PhD. Universidade Federal do Rio Grande do Sul (UFRGS), Brazil.

- *Gestational Exercise as a Protective Strategy Against Obesity-Related Brain Dysfunction.*
Cristiane Matté, PhD. Universidade Federal do Rio Grande do Sul (UFRGS), Brazil.

- *Aerobic training in adolescence as a protective factor against obesity in adulthood.*
Nilton Rodrigues Teixeira Junior. Universidade Estadual de Maringá, Brazil.

- *The Preventive Power of Exercise: From Early-Life Adaptations to Healthy Aging.*
Consuelo Lomas-Soria. PhD. Instituto Nacional de Ciencias Médicas y Nutrición (INCMNSZ)

Oral presentation Symposium 3
PRT-00073-1
Maternal Exposure to Dim Light at Night Disrupts Fetal Growth and Early Neurodevelopment, as well as Adolescent and Adult Behavior in Rats.
Natalí N Guerrero Vargas.

Symposium 4. Tuesday, October 27 15:30-17:00 pm

Early intake of excess sugar as a risk factor for the syndemic chronic diseases
Coordinator: Antonio Marcus de Andrade Paes, PhD. Federal University of Maranhão, Brazil.

- *Dietary sugars in early-life development: Experimental evidence to guide prevention and policy.*
Antonio Marcus de Andrade Paes, PhD. Federal University of Maranhão, Brazil.

- *Origins of Chronic Disease Networks in the First Thousand Days: A DOHaD Perspective on Early Sugar Exposure.*
Cecília Cláudia Costa Ribeiro, PhD. Universidade Federal do Maranhão.

Oral presentations Symposium 3

PRT-00006-1 *Traditional Mexican foods promote early immunometabolic reprogramming in offspring exposed to a maternal high-fat diet.*
Leslie Romero. UNAM, Mexico.

PRT-00019-1
Maternal Peri-gestational High-Sucrose Diet Disturbs Pancreas-Liver Axis in a Sex-Dimorphic Pattern in Offspring.
Caio Fernando Ferreira Coelho. UFMA, Brazil.

3. Oral Sessions

Oral Session 1.
Monday, October 26 11:00-11:30 am

PRT-00061-7 *Early programming of Innate Lymphoid Cells in HIV-Exposed Uninfected children during the first year of life.*
María Fernanda Aguilar-Dueñas.

PRT-00034-2 *Beyond BMI: Maternal adiposity in early-pregnancy is negatively associated with exclusive breastfeeding at 6 months and breastfeeding duration.*
Viridiana Yumiko Nakamura-Ramirez.

PRT-00061-4 *Prenatal HIV Exposure Alters B-Cell Function and Antibody Responses in Early Life.*
Ana Paula Soto Salcedo.

Oral Session 2.
Tuesday, October 27 13:00-13:30

PRT-00027-5 *The Effect of Maternal Capsiate Supplementation During Obesity on Neurobehavioral Alterations and Oxidative and Endoplasmic Reticulum Stress in Male Offspring Rats.*
Marisol Miranda Fernández.

PRT-00037-4 *Epicatechin mitigates the second-hit effects of postnatal high-fat diet consumption on reproductive function in male offspring of obese rat mothers.*
Édgar E. Alva Ávila.

4. Poster sessions

Poster session 1. Monday October 26th. 17:00-18:30 pm

A. Epidemiology and Cohorts in DOHaD research

1. PRT-00003-1
Early Uteroplacental Vascular Alterations in Pregnancies with Pregestational Type 2 Diabetes.
Helder Ayón Flores; Diana Elizabeth González Guerrero; Fernando Nieto Landeros.
Centro Estatal de Tamizaje Oportuno. México.

2. PRT-00023-1
Maternal age and low birth weight in Mexico: a national analysis of more than two million births, 2015 to 2024.
Vania Salinas Salinas; Luisa Maria Lazaro Moreno; Elia Lara Lona.
UG. México.

3. PRT-00025-1
Trends in Mortality Attributable to Low Birth Weight and Short Gestation in Mexico, from 1990 to 2023.
Luisa María Lázaro Moreno; Vania Salinas Salinas; Elia Lara Lona.
UG. México.

4. PRT-00040-1
Decadal Epidemiological Burden of Idiopathic Epilepsy in Mexican Infants: A DOHaD Perspective (2013-2023).
Roberto Dali Paz Lara; César Antonio Gomez Lara; Christian Emanuel Galindo Rico; José Daniel Jimenez Tirado; Emmanuel Mendez Vazquez; Daniela Martinez Martin; Julia Renata Sánchez Vallejo; Elia Lara Lona.
UG. México.

5. PRT-00047-1
Association of heavy metals with TSH and thyroid hormones in maternal and cord blood: findings from a cohort (PIPA Study).
Marcelle Andrade; Iala Bertasso; Clara Souza; Nathaly Figueiredo; Carmen Asmus; Egberto Moura; Denise Carvalho; Patricia Lisboa; Leandro Miranda-Alves.
Federal University of Rio de Janeiro. Brasil.

6. PRT-00056-1

Distinct Maternal Metabolic–Redox Phenotypes Across Pregnancy According to Pre-pregnancy BMI: Longitudinal Evidence from the OBESO Cohort.

Karen Nayeli Hernández Vázquez; Jonatan A. Mendoza Mendoza Ortega; Araceli Montoya-Estrada; Guadalupe Estrada-Gutiérrez; Guadalupe Villanueva-López.
INPeR, México.

7. PRT-00062-1

The Impact of Prematurity on Adult Health in the Context of Primary Health Care.

Camila Rickli; Amílcar Gabriel Santos Silva; Camila Diéguez Ortega; Jared Pereira Silva; João Emanuel Yohannan de Melo; David Livingstone Alves Figueiredo.
Universidade Estadual do Centro-Oeste. Brasil.

8. PRT-00075-1

Early-life predictors of Asthma Traits and Overweight at age two using machine learning analysis: a BRISA prenatal cohort study

Rafaela Vitória Pereira Sá; Erika Bárbara Abreu Fonseca Thomaz; Bruno Feres de Souza; Poliana Cristina de Almeida Fonseca Viola; Cecilia Claudia Costa Ribeiro.
Federal University of Maranhão. Brasil

9. PRT-00076-1

Neonatal Morbidity Associated with Maternal Gestational Diabetes: Experience from a Neonatal Intensive Care Unit in Southeastern Mexico.

Mariana Ricardez-Solís; Blanca Elena Castro- Magdonel; Guillermina Chablé-Cupil; Lehi Lucas-Pérez.
Hospital General ISSSTE Villahermosa. México.

10. PRT-00076-2

Hypertensive Disorders of Pregnancy as a Determinant of Neonatal Intensive Care Unit Admission: A Regional Experience.

Mariana Ricardez-Solís; Blanca Elena Castro-Magdonel; Guillermina Chablé-Cupil; Lehi Lucas-Pérez.
Hospital General ISSSTE Villahermosa. México.

B. Preconception, pregnancy and placenta

11. PRT-00005-1
Dietary Patterns, Diet Quality, and Nutritional Status in Pregnant Women from Barranquilla, Colombia: The NutriGest Cohort Study.
Mylene Rodriguez-Leyton; Alexander Rodríguez-Sanjuan; Erika Chavira-Suárez.
Universidad Metropolitana. México.

12. PRT-00008-1
Developmental Programming of Autism Spectrum Disorder-Like Behaviors by Pre-Conception Maternal Obesity.
Amada Torres Salazar; Nina P Allan; Michael J Corley; Brennan Y Yamamoto; Chantell Balaan; Yasuhiro Yamauchi; Monika A Ward; Alika K Maunakea; Amada Torres Salazar.
University of Hawaii, USA,

13. PRT-00009-1
Maternal nutrient adequacy score is associated with birth weight in pregnancies complicated by chronic kidney disease.
María Angélica Reyes-López; Otilia Perichart-Perera; Alejandra Orozco-Guillén; Maricruz Tolentino-Dolores.
Pontificia Universidad Javeriana. Colombia.

14. PRT-00010-1
Effects of Bauhinia sp. on Steroid Hormone Receptor Expression in a Preclinical Model of Polyendocrine Metabolic Ovarian Syndrome.
Héctor Domínguez; Daniela Baez; Mildred López; Ana Cota; Fabiola Domínguez; Erica Plata; Paola Andrew; Juan Flores-Alonso.
Centro de Investigación Biomédica de Oriente, Instituto Mexicano del Seguro Social. México.

15. PRT-00014-1
Maternal Obesity-Related Fetal Cardiovascular Remodeling and Potential Modulation by Prenatal Omega-3 Supplementation.
Kenny Araujo; Karina Carrasco; Ignacia Muñoz; Jackeline Moya; Jorge Carvajal; Fàtima Crispi; Paola Casanello.
Pontificia Universidad Católica de Chile. Chile.

16. PRT-00015-5

Targeting Developmental Programming Through Maternal Capsicum Supplementation: Does Timing Matter?

Diana Vanesa Gutierrez Chavez; Sofia Miranda Saavedra Burgos; Luis Antonio Torres Roman; Ana Angelica Feregrino Perez; Ramon Gerardo Guevara Gonzalez; Consuelo Lomas Soria.
Universidad Autónoma de Querétaro. México.

17. PRT-00030-1

Caffeine and western diet effects on physical performance and muscle structure in heterogeneous female mice: a preconceptional model.

João Vitor Lopes-Ferreira; Gustavo de Olieveira Zanneti; Dawit Albieiro Pinheiro Gonçalves; Fernanda Campos Lobato de Almeida. UFMG. Brasil.

18. PRT-00031-4

Advanced maternal age induces adipocyte hyperplasia by changes in inflammatory markers and endoplasmic reticulum stress in a rat model.

Ana P Ramos Muñoz; Vidblain Prieto Ibañez; Édgar E Alva Ávila; Guadalupe L Rodriguez González; Gimena Juárez Pilares; Elena Zambrano; Luis A Reyes Castro.
INCMNSZ. México.

19. PRT-00036-1

Maternal chronic high-protein diet intake and its effects on placental morphology and fetal development in heterogeneous mice.

Stephanny Rainha; José Riveros; Fernanda Almeida.
Universidade Federal de Minas Gerais. Brasil.

20. PRT-00038-1

Association between physical activity with neonatal outcomes in Mexican women across the different trimesters of pregnancy.

Silvia Beatríz García González; María Regina García Larios; Andrey Xiqui Abelino; Mario Espinoza Vargas; Gloria Barbosa Sabanero; María Luisa Lazo de la Vega Monroy; Gisela Orozco Ramírez; Francisco Antonio Pérez Padilla; Katya Vargas Ortiz.
UG. México.

21. PRT-00048-1

Effects of Capsiate-Rich Chili Supplementation on Maternal Adiposity During Obese Pregnancy.

Luis Antonio Torres Roman; Yarely Valeria Martinez Santamaría; Diana Vanesa Gutierrez Chavez; Jesús Daniel Patiño González; Carlos Alberto Ibáñez Chávez; Maria del Consuelo Lomas Soria.
Universidad Autónoma de Guerrero. México.

22. PRT-00049-1

Maternal depressive symptoms and vitamin D deficiency during adolescent pregnancy: associations with fetal growth at birth.

Alexa Toledo; Reyna Sámano; Estefanía Aguirre; Maricruz Tolentino; Gabriela Chico; Carmen Hernández; Hugo Martínez; Cristina Ramírez; Héctor Ortiz.

IPN. México.

23. PRT-00049-2

Association between ultra-processed food consumption and birth weight in adolescent pregnancy.

Estefanía Aguirre; Héctor Ortiz; Reyna Sámano; Hugo Martínez; Marissa Lince; Marisol Garay; Jimena Hernández; Alexa Toledo.

InPer. México.

24. PRT-00054-1

Association Between Pre-Pregnancy Nutritional Status, Gestational Weight Gain, and Maternal–Neonatal Outcomes in a Mexican Population

Jorge Adrián Díaz García; Sandra Ximena López Liera; Nora Corona Alegría; José Francisco Méndez Delgado; Sergio Gutiérrez Castellanos; Anel Gómez García; Francisco Bolaños-Jiménez.

IMSS – Centro de Investigación Biomédica de Michoacán. México.

25. PRT-00057-1

Maternal Hyperglycemia Alters Radial Glia GFAP Expression in the Hippocampal Dentate Gyrus and Reduces Fimbrial Cell Density During Embryonic Development.

Lorena Monserrat Alatorre Vázquez; Enrique Estudillo; Maria Luisa Lazo de la Vega Monroy; Alejandro Hernández Zárate; Julio Sotelo; Francisca Fernández Valverde; Everardo López Romero; Jorge Armando Ortiz Ramírez; Gloria Barbosa Romero; Roxana Magaña Maldonado.

Universidad La Salle. México.

26. PRT-00061-3

Impact of maternal obesity and metabolic status on the neonatal immune profile

Miranda Adriana Molerés Orduña; Rodrigo Camacho Pacheco; María Fernanda Aguilar Dueñas; Irma Alejandra Coronado Zarco; Gabriela Arreola Ramírez; Ismael Mancilla Herrera.

InPer. México.

27. PRT-00063-1

Effect of bauhinia sp. extract on caspase-3 and ki67 expression in a preclinical model of polyendocrine metabolic ovarian syndrome.

Daniela Baez Mateos; Mildred B. Lopez Rodriguez; Hector A. Domínguez Galeana; Ana J. Cota Aguilar; Fabiola Dominguez; Erica Y. Plata Gómez; Paola Andrew Carmona; Juan C. Flores Alonso.
Centro de Investigación Biomédica de Oriente, Instituto Mexicano del Seguro Social. México.

28. PRT-00067-1

Placental effect of metformin treatment on endoplasmic reticulum stress and lipid metabolism in gestational diabetes mellitus.

Jesus Emiliano Lopez Enriquez; Angel David Paulino Gonzalez; Francisco Javier Bolanos Jimenez; Hector Manuel Gomez Zapata; Maria Luisa Lazo de la Vega Monroy; Gloria Barbosa Sabanero.
UG, Intern at DGCES, SSa. Mexico

29. PRT-00078-1

Evaluation of the effects of a maternal high-fat diet during gestation on orexigenic neuron differentiation and astrocyte reactivity in the lateral hypothalamus of rat fetuses.

Nuria Galindo Solano; Ximena Trejo Villarreal; Dayna Montes Aguirre; Eva Mendoza Cruz; Gabriel Gutiérrez Ospina.
UNAM. México.

30. PRT-00061-9

Effect of Metformin on Placental Levels of Amino Acid Transporters in Gestational Diabetes Mellitus.

AP Hernández; TB Díaz; JE López; LG Salazar; FJ Bolaños; HM Gómez; MC Lomas; ML Lazo-de-la-Vega; G Barbosa.
University of Guanajuato. México

Poster session 2. Tuesday October 27th. 17:00-18:30 pm

C. Programming health during early life: the first 2 years (breastfeeding, growth trajectories, nutrition, neurodevelopment).

1. PRT-00013-1
Effect of Maternal Fish Oil Supplementation on the Behavior of Female Rats Fed a High-Fat Diet.
Yasna Muñoz; Juan Montiel; Heidy Kaune; Alexies Danigno; Luis Tabilo; Manuel Maliqueo.
University of Chile. Chile.

2. PRT-00018-1
Relationship between the Mexican Diet Quality Index (ICDMx) and gestational weight gain in pregnant adolescents from Instituto Nacional de Perinatología, México.
Andrea Luna Hidalgo; Reyna Sámano Sámano; Hugo Martínez Rojano; Gabriela Chico Barba; Fernanda López Aguirre; Joel Ramírez Garcia.
IPN, ESM. México.

3. PRT-00021-3 Peripubertal Saccharomyces Boulardii supplementation exerts a sex-specific anti-adiposity effect regardless of maternal obesity
Nilton Rodrigues Teixeira Junior; Vidblain Prieto Ibañez; Ana Paulina Ramos Muñoz; Monserrat Valles Polito; Luis Reyes Castro; Sergio R. Trejo-Estrada; Elena Zambrano
Universidade Estadual de Maringá. Brasil.

4. PRT-00028-2
Maternal Capsiate-Rich Chili Supplementation Attenuates Hepatic and Metabolic Programming Induced by Maternal Obesity.
Sofía Miranda Saavedra Burgos; Diana Vanesa Gutiérrez Chávez; Luis Antonio Torres Román; Jesús Daniel Patiño González; Ana Angélica Feregrino Pérez; Ramón Gerardo Guevara González; Consuelo Lomas Soria.
CIE-CINVESTAV Sur. México.

5. PRT-00034-4
Early Pregnancy Lipid Profile and Human Milk Fat and Energy Content at 3 Months Postpartum
Andrea Mizrahi-Drijanski; Viridiana Yumiko Nakamura Ramírez; Ameyalli Rodríguez Cano; Otilia Perichart Perera; Carlos Ibañez Chávez; Paula A Hernandez Guerrero; Elena Zambrano; Guadalupe Estrada Gutierrez.
InPer. México.

6. PRT-00034-5

Early-Pregnancy Maternal Lipid Profile Is Associated With Human Milk Macronutrient Composition at 3 Months Postpartum.

Andrea Mizrahi Drijanski; Viridiana Yumiko Nakamura Ramírez; Isabel González-Ludlow; Otilia Perichart Perera; Carlos Ibañez Chávez; Paula A Hernandez Guerrero; Elena Zambrano; Guadalupe Estrada Gutierrez; Ameyalli Rodríguez Cano.
InPer. México.

7. PRT-00034-6

Gestational Diabetes and Human Milk Fat Across Early Lactation: Exploring the Role of Triglyceride Burden.

Viridiana Yumiko Nakamura-Ramírez; Andrea Mizrahi-Drijanski; Johnatan Torres-Torres; Ameyalli M Rodríguez-Cano; Otilia Perichart-Perera; Carlos Ibañez-Chávez; Paula A Hernandez-Guerrero; Elena Zambrano; Ignacio Camacho-Arroyo; Guadalupe Estrada-Gutierrez
InPer. México

8. PRT-00035-1

NHIP treatment of human Rett syndrome cortical organoids.

Osman Sharifi; Klaudia Braczyk; Nik Lind; Dag Yasui; Julian Halmai; Kyle Fink; Janine LaSalle.
UC Davis. USA.

9. PRT-00044-3

Maternal probiotic supplementation in obese rats reduces offspring weight and modulates sex-specific adolescence growth trajectories.

Aura Daniela Morales Hernández; Paula A. Hernández Guerrero; Vidblain Prieto Ibañez; Ana Paulina Ramos Muñoz; Marisol Miranda Fernández; Alejandro Vázquez Galicia; Ana Paola Manzano Ramos; Arely Carolina Frias Velazquez; Sergio R Trejo Estrada; Gimena Juárez Pilares; Luis A. Reyes Castro; Elena Zambrano; Carlos A. Ibañez.
UNAM, INCMNSZ. México.

10. PRT-00052-1

Early-life nutritional exposures: a DOHaD interpretation of ENSANUT Continua 2023 findings from Guanajuato.

Ximena Villicaña Rodriguez; Miriam Alejandra Cabrera Rodriguez.
UG. México.

11. PRT-00059-2

Maternal nutritional supplementation during late gestation does not affect global DNA methylation in the testicular parenchyma of pubertal ram offspring.

Graciela Pedrana; Helen Viotti; Mónica Cappetta; Nélida Rodríguez Osorio.
Universidad de la República. Uruguay

12. PRT-00061-6

Maternal factors shape the dendritic cell landscape of human colostrum.

Flor Maldonado Ibarra; Mextli Bermejo Haro; Ivonne Álvarez Peña; Graciela Hernández Peláez; Libier Cabrera Rivera; Miranda Molerés Orduña; Diana Soriano Becerril; Damián Ricardo Figueroa; Ismael Mancilla Herrera.
InPer. México.

13. PRT-00065-1

Maternal Pregestational Obesity Is Associated with Increased Palmitic and Stearic Acids in Transitional Breast Milk.

Paula Axicalli Hernandez-Guerrero; Larissa Martínez-Ortega; Carlos A. Ibáñez; Isabel Omaña Guzman; Consuelo Lomas Soria; José Leopoldo Aguilar Faisal; Omar Granados Portillo; Ana-María Méndez Carballo; Emilia Lozano González; Fausto Coronel Cruz; José Carranco Martínez; Víctor Carmona Ornelas; Nayely Garibay Nieto; Elena Zambrano.
INCMNSZ, UNAM. México.

14. PRT-00066-1

Late Preterm Birth Is Associated with Higher Leptin Concentrations During Infancy: Evidence of Differential Metabolic Programming.

Leonardo Duarte Sobreira Luna; Juliana Fernandez Santana e Menezes; Anna Caroline Pereira Vivi; Fabiola Isabel Suano-Souza; Maria Wany Louzada Strufaldi.
UNIFESP. Brasil.

15. PRT-00071-2

Maternal isocaloric low-protein intake diet related sex-specific changes in hippocampal cellularity and glial fibrillary acidic protein expression in rat offspring.

Mónica Navarro-Meza; Paola Cristina Bello-Medina; Mauricio Díaz-Muñoz; Jonathan Rafael Trinidad-Gallardo; María Conchita Rodríguez-Oseguera.
Universidad de Guadalajara. México.

16. PRT-00077-1

The First 1000 Days and Breastfeeding Duration: Long-Term Associations with Adolescent Diet Quality in the BRISA Cohort.

Poliana Cristina de Almeida Fonseca Viola; Taís Cândida de Araújo Freire Borba; Francisca Adriana Vieira da Silva; Daniele de Moraes Braga Neves; Janete Daniel de Alencar; Rafaela Vitoria Pereira Sá; Erika Barbara Abreu Fonseca Thomaz; Cecilia Claudia Costa Ribeiro de Almeida; Carolina Abreu de Carvalho.
PPGSC/UFMA/BRAZIL. Brasil.

D. Prevention and treatment of non-communicable disease through the DOHaD perspective

17. PRT-00011-1

Traditional Mexican foods remodel the maternal liver-milk axis during lactation.

Claudia Delgadillo Puga; Claudia J. Bautista; Ivan Torres Villalvazo; Omar Granados Portillo; Victoria Ramírez.
INCMNSZ. México.

18. PRT-00012-1

Birth weight is associated with distinct circulating microRNA signatures in neonatal screening cards: a pilot study.

Sandra Patricia Rodil García; Luis Salazar Olivo.
IPICYT. México.

19. PRT-00016-2

Effects of Acaciella angustissima (Timbe) Pod Extract on Pancreatic Metabolic Alterations in High-Fat Diet-Induced Obese Male C57BL/6J Mice Model.

Daniel Patiño; Lucía Guerrero; Angélica Morales; Eulises Díaz; Guillermo Silva; Consuelo Lomas.
INMNSZ. México.

20. PRT-00022-2

Methanolic Extract effect of Acaciella angustissima (Timbe) Pods on Adipose Tissue Dysfunction from High-Fat Diet-Induced Obese Male C57BL/6J Mice.

Carla Daniela Magueyal Torres; Daniel Patiño; Guillermo Silva; Sara Lozano; Consuelo Lomas.
Universidad Anahuac Queretaro. México.

21. PRT-00061-1
The Impact of Prematurity on Adult Health in the Context of Primary Health Care.
Camila Rickli; Almícar Gabriel Santos Silva; Camila Diéguez Ortega; Silva Jared Pererira; De Melo João Emmanuel Yohannan; Figueiredo David Livingstone Alves.
Universidade Estadual do Centro-Oeste, Guarapuava. Brasil

E. Generational effects in Health and Disease

22. PRT-00017-4
Multigenerational paternal arachidonic acid exposure alters testicular methylome and transcriptome and targets immune, neuronal and spermatogenic genes.
Nuria Marquez; Eduardo Sánchez; Abigail Correa; Gloria Romo; Isaí Andrade; Leslie Sánchez; Dalia Rodríguez; Reyna Fierro; Silvio Zaina; Gertrud Lund.
UG.México.

23. PRT-00026-1
Arachidonic acid supplementation induces a C-to-A change in allele composition and reveals a novel methylation QTL function for the SNP rs233896555 in the mouse testis.
Alejandro Solís; Nuria Márquez; Omar Galaviz; Eduardo Jaime Sánchez; Viridiana Correa; Gloria Romo; Isaí Andrade; Dalia Rodríguez; Silvio Zaina.
UG. México.

24. PRT-00033-1
Effects of maternal obesity on pancreatic beta-cell senescence in the offspring: An intergenerational study in wistar rats.
José Gamarra; Yolotzin Mosqueira; Mónica Portilla; Mildred Cruz; Paulo Castillo; Carlos Larqué.
UNAM. México.

25. PRT-00039-2
Effects of paternal grandmother obesity induced by a high fat diet and the resulting oxidative stress on offspring memory.
Anel Mayela Cruz Lemolle; Hadas Alanis Gutiérrez Contreras; Xochitl Nallely Escalona; José Gamarra; Sheila Morales Melo; Myrian Velasco; Paola Berenice Zárate Segura; Rodolfo Pinto Almazán; Carlos Larqué.
UNAM. México.

26. PRT-00046-1

Impact of Pregestational Maternal Exposure to a High-Fat Diet (HFD) on Pancreatic Islet Programming in Neonatal Offspring.

Jennifer Villalpando; Valeria Ramirez; Yarely Pérez; Yolotzin Mosqueira; Avril Montes; Xochil Acuña; Nancy Piña; Carlos Larque.
UNAM. México.

27. PRT-00055-1

Methanolic Extracts of Acaciella angustissima Modulate Gene Expression Associated with β-Cell Function and Antioxidant Defense in Healthy and STZ-Damaged Pancreatic Islets.

Ixchel Parola Contreras; Lucia Guerrero Becerra; Tonanzin Citlali Sosa Larios; Lidya Sumiko Morimoto Martinez; Eulises Díaz Díaz; Ramón Gerardo Guevara González; Consuelo Lomas Soria.
INCMNSZ. México.

28. PRT-00068-1

Maternal dim light at night alters feeding behavior of cafeteria diet fed male and female offspring.

Emiliano Granados-Delgado; Linda Castillo-Bonilla; Itzel Torres-Layva; Rosa Pavón; Jaquelina González-Ríos; Axel Bolaños; Shellye González-González; Natali Guerrero-Vargas.
UNAM. México.

29. PRT-00085-1

Maternal Obesity Programs Vulnerability to Reproductive Dysfunction That Is Exacerbated by a Postnatal High Fat Diet in Mature Male Offspring.

Grecia Becerril-Aguilera; Luis A. Reyes-Castro; Édgar E. Alva-Ávila; Roberto Chavira; Elena Zambrano; Guadalupe L. Rodríguez-González. INCMyNSZ. México.

F. Public Health Policies Across the Life Cycle

30. PRT-00062-2

Preterm birth, birth weight, and the validity of self-reports: implications for lifelong health care.

Camila Rickli; Amílcar Gabriel Santos Silva; Camila Diéguez Ortega; Jared Pereira Silva; João Emanuel Yohannan de Melo; David Livingstone Alves Figueiredo.
Universidade Estadual do Centro-Oeste.Brasil.

G. DOHaD in aging

31. PRT-00027-4

Sex-Dependent Long-Term Metabolic Benefits of Maternal Probiotic Supplementation in Aged Offspring of Obese Rats.

Marisol Miranda-Fernández; Vidblain Prieto-Ibañez; Luis A Reyes-Castro; Carlos A Ibañez; Sergio R Trejo-Estrada; Elena Zambrano.

UNAM. México.

32. PRT-00037-2

Maternal age modifies the hypothalamus-pituitary-adrenal axis and adrenal steroidogenesis in a rat model.

Édgar Esteban Alva Ávila; Guadalupe Leticia Rodríguez González; Gimena Juárez Pilares; Fernando Enrique García Arroyo; Carlos Antonio Ibañez; Vidblain Prieto Ibañez; Aura Morales Hernández; Elena Zambrano; Luis Antonio Reyes Castro.

INCMNSZ. Mexico

33. PRT-00044-1

Maternal Age Alters Adrenal Gland Morphology at the End of Lactation in Wistar Rats.

Aura Daniela Morales Hernández; Édgar E. Alva Ávila; Juan C. León Contreras; Gimena Juárez Pilares; Carlos A Ibañez; Elena Zambrano; Luis A Reyes Castro . UNAM. México.