

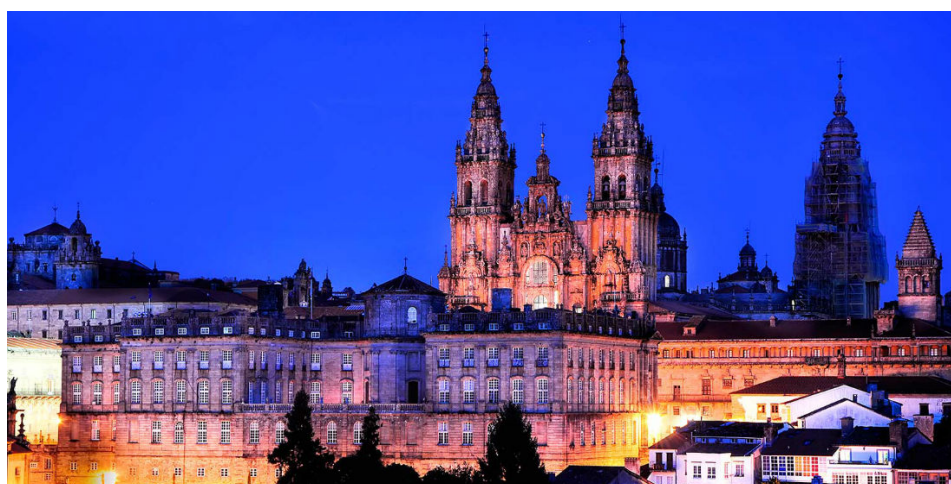


ENA Postgraduate Course 2022



NUTRENVIGEN-G+D Factors Interuniversity Master Degree

"Early Programming of Systemic Functions"



23th – 24th May 2022

Venue:

Main Hall

Faculty of Medicine. University of Santiago de Compostela.

Rúa de San Francisco, s/n

15782 Santiago de Compostela

Organizing Committee

President of the Early Nutrition Academy

Berthold Koletzko (UMU)

President of the ENA Postgraduate Course 2022

Rosaura Leis (USC)

Vicepresident of the ENA Postgraduate Course 2022

M^a Luz Couce (USC)

Responsible of the ENA Spanish Delegation

Coordinator of NUTRENVIGEN-G+D Factors Master Degree

Cristina Campoy (UGR)

Vocals

Jorge Barros (USC)

Adolfo Bautista (USC)

Alberto Cepeda (USC)

Ricardo Closa (URV)

Joaquín Escribano (URV)

María García-Ricobaraza (UGR)

Francisco Javier González-Barcalá (USC)

Verónica Luque (URV)

Luis Moreno (UNIZAR)

Antonio Muñoz-Hoyos (UGR)

Gerardo Rodríguez (UNIZAR)

Pilar Samper (UNIZAR)

INTRODUCTION

The Early Nutrition Academy (ENA) (<https://www.early-nutrition.org/home/>) was established along with the Early Nutrition Programming Project (EARNEST) to promote science of early nutrition and metabolic programming, in particular as it relates to nutrition in women of childbearing age, infants and children, including basic science, epidemiology and applied nutrition, as well as standards of nutrition practice.

The Early Nutrition Academy (ENA), supported by the most prestigious researches in the field, was designed to:

- Offer a comprehensive curriculum on mother-infant and paediatric nutritional programming research, literature, and clinical trials.
- Provide well-founded advice on the prevention, diagnosis, and management of early nutrition programming of adult diseases.
- Offer unique opportunities to learn and interact with other researchers and expert faculty from various International Centres from around the world interested in *“Early Nutrition Programming”*.

Furthermore, ENA foster nutrition education; in this regard, over the past 20 years ENA has organised a series of highly successful Symposiums, Trainings and Postgraduate courses for young scientists committed with paediatric nutrition research. These courses have provided scientific information up-to-the-date, trained communication and presentation skills, helped younger academicians to networking, build scientific careers, and fostering enthusiasm to the participating scholars. The success of these courses is of high interest, as they help to considerably strengthen the field of academic paediatric nutrition all over the world.

This new ENA Postgraduate Course will be held 23-24 May 2022 at the University of Santiago de Compostela with the main topic: *“Early programming of Systemic Functions”*

The organising team consists of Prof. Berthold Koletzko, head of the Nutrition and Metabolism Division at the Ludwig-Maximilians University of Munich and President of the Early Nutrition Academy (ENA), Prof. Rosaura Leis and Prof. M^a Luz Couce at the University of Santiago de Compostela in collaboration with her local team, and Prof. Cristina Campoy at the University of Granada as responsible of the Spanish Delegation of ENA, will make this course a reality.

The course is associated to the Interuniversity Master Degree on *“Genetic, Nutritional and Environmental Factors for Growth and Development”* (NUTRENVIGEN-G+D Factors), and has been supervised, approved and scientifically supported by the ENA members.

VENUE

These 2 days of Postgraduate Course will be held ONSITE at the Santiago de Compostela Medical School - USC sited at Rúa de San Francisco, s/n, 15782 Santiago de Compostela, A Coruña (Spain).

<https://www.usc.gal/es/centro/facultad-medicina-odontologia>

The course will be retransmitted ONLINE by streaming from the University of Santiago de Compostela. All participants registered will receive the link to join the course ONLINE.

DATES

The ENA Postgraduate School will be held on 23rd-24th of May 2022.

REGISTRATION

You can register on-line in the following link:

<https://docs.google.com/forms/d/e/1FAIpQLSev-Qd9gIfU2Eh5oxDfZCGGcSfdJYuMQpCXgZW-zjngyuyj4Q/viewform>

After registration, you will receive a link to join the meeting!.

WHO SHOULD ATTEND THE POSTGRADUATE COURSE?

The Course is designed to Master and PhD students and also for young investigators with previous knowledge or experience on clinical practice, nutrition and dietetic, sport medicine, basic science research related to pregnant women and paediatric nutrition.

- Clinicians
- Nutrition basic researchers
- Clinical nutritionists and dieticians
- Sport medicine researchers
- Industrial stakeholders and researchers, etc.

The Postgraduate Course is aimed at researchers and clinicians and other health care professionals interested in developing an academic career in early life and paediatric nutrition.

ENA POSTGRADUATE COURSE 2022, LEARNING OBJECTIVES

After the Postgraduate Course, participants should:

- Have a complete and updated overview of how Early Nutrition impact on the risk for development of non-communicable diseases.
- Have a current practical knowledge about the nutrition approach for preventing very common and chronic disorders.
- Be familiar with emerging trends in Nutrition related to Obesity, CVD, Hypertension, Gut-brain axis, Neuropsychological disorders, Mental Diseases...



Early Nutrition Academy Postgraduate Course 2022

"Early Programming of Systemic Functions"

PROGRAMA / PROGRAM		
23/05/2022		
9:00-9:30	Bienvenida / Welcome	Rosaura Leis (USC) Cristina Campoy (UGR)
9:30-10:00	Conferencia de apertura / Opening Session <i>Desarrollo de los ritmos circadianos</i> <i>Circadian rhythms development</i>	Moderadora / Moderator <i>Cristina Campoy</i> Ponente / Speaker <i>Antonio Muñoz-Hoyos (UGR)</i>
10:00 – 11:30	Sesión 1: Programación Precoz del Tejido Adiposo Workshop 1: Early programming of adipose tissue	Moderador / Moderator <i>Luis Moreno (UNIZAR)</i>
	Sobrepeso y obesidad en niños y adolescentes <i>Overweight and obesity in children and adolescents</i>	Luis Moreno (UNIZAR)
	Genes, sobrepeso y obesidad <i>Genes and overweight and obesity</i>	Concepción Aguilera (UGR)
	Es la programación del tejido adiposo pardo una posible diana frente a la obesidad? <i>Is brown fat programming a suitable target against obesity?</i>	Miguel López (USC)
11:30-12:00	DESCANSO / BREAK	
12:00-13:30	Sesión 2: Programación Precoz de la Función Respiratoria Workshop 2: Early Programming of Respiratory Function	Moderador / Moderator <i>Alejandro Muñozuri (USC)</i>
	Nutrición precoz y manejo del prematuro <i>Early nutrition and management of preterm infants</i>	Carolina López-Sanguos (USC)
	Atención precoz y función respiratoria <i>Early care and respiratory function</i>	Alejandro Muñozuri (USC)
	Estilos de vida precoces y riesgo de patología respiratoria <i>Early lifestyles and risk of respiratory pathology</i>	Francisco J. González-Barcala (USC)
13:30-15:00	ALMUERZO / LUNCH	
15:00-16:30	Sesión 3. Programación del riesgo metabólico Workshop 3: Early programming of metabolic risk	Moderadora / Moderator <i>M^a Luz Couce (USC)</i>
	Influencia del ambiente fetal sobre el desarrollo <i>Influence of fetal environment on development</i>	M. Sáenz de Pipaón (UMA)
	Diabetes Gestacional y riesgo metabólico <i>Gestational Diabetes and metabolic risk</i>	Gloria Bueno (UNIZAR)
	Lactancia materna y re-programación metabólica <i>Breastfeeding and Metabolic re-programming</i>	Luisa M ^a Seoane (USC)
16:30-18:00	Taller sobre Evaluación del Estado Nutricional en Pediatría Training on Paediatric Nutritional Assessment	R. Leis (USC) V. Luque (URV)



Early Nutrition Academy Postgraduate Course 2022

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PROGRAMA / PROGRAM		
24/05/2022		
9:00-9:30	Morning Lecture: Obesidad y patologías asociadas: evidencia clínica y recomendaciones <i>Obesity and obesity-related disorders: clinical evidence and guidelines</i>	Moderadora / Moderator Cristina Campoy Ponente / Speaker Elvira Verduci (UNIMI)
9:30-11:00	Sesión 4. Programación precoz del Neurodesarrollo y de la función cerebral Workshop 4: Early programming of Neurodevelopment and brain functioning	Moderadora / Moderator Cristina Campoy (UGR)
	Errores innatos del metabolismo y desarrollo cerebral <i>Inborn error of metabolism and brain development</i>	M ^a Luz Couce (USC)
	Programación precoz de los ritmos circadianos en hijos de madre diabética y papel en el neurodesarrollo <i>Early programming of circadian rhythms in children of diabetic mothers and role in neurodevelopment</i>	Elvira Larqué (UMU)
	Metabolismo lipídico precoz y desarrollo cerebral <i>Early lipid metabolism and brain development</i>	Berthold Koletzko (LMU)
11:00-11:30	DESCANSO / BREAK	
11:30-13:00	Sesión 5. Programación precoz de la función intestinal Workshop 5: Early programming of gut functioning	Moderadora / Moderator Rosaura Leis (USC)
	Nutrición precoz y desarrollo del eje intestino-cerebro <i>Early Nutrition and the gut-brain axis development</i>	Cristina Campoy (UGR)
	Papel de la microbiota intestinal en el desarrollo de la Diabetes tipo I <i>The role of gut microbiota in the development of Type 1 Diabetes</i>	Elvira Verduci (UNIMI)
	Dieta atlántica y promoción para la salud <i>Atlantic diet and health promotion</i>	Rosaura Leis (USC)
13:00 – 13:30	Conferencia de Clausura Closing Conference: Dieta tradicional atlántica: un patrón de alimentación sostenible <i>Traditional Atlantic Diet: A sustainable eating pattern</i>	Moderador / Moderator Rosaura Leis (USC) Ponente / Speaker M ^a Teresa Moreira Vilar (USC)
13:30 – 14:00	Sesión de clausura & despedida <i>Closing session & Goodbye</i>	Rosaura Leis (USC) M ^a Luz Couce (USC) Cristina Campoy (UGR)

LIST OF SPEAKERS

Prof. Concepción M^a Aguilera, PhD

Catedrática de Bioquímica y Biología Molecular.
Universidad de Granada

Prof. Jorge Barros, PhD

Catedrático de Tecnología de Alimentos
Facultad de Farmacia/Facultad de Veterinaria.
Universidad de Santiago de Compostela

Prof. Gloria Bueno, MD

Prof. Titular de Pediatría. Hospital Clínico Universitario Lozano Blesa.
Universidad de Zaragoza

Prof. Adolfo Bautista, MD

Prof. Titular de Pediatría. Hospital Clínico Universitario de Santiago
Universidad de Santiago de Compostela

Prof. Cristina Campoy, MD

Prof. Titular de Pediatría. Facultad de Medicina.
Universidad de Granada

Prof. Alberto Cepeda, PhD

Catedrático de Nutrición y Bromatología. Facultad de Farmacia.
Universidad de Santiago de Compostela

Prof. María Luz Couce Pico, MD

Prof. Titular de Pediatría. Hospital Clínico Universitario de Santiago de Compostela
Universidad de Santiago de Compostela

Prof. Francisco Javier González-Barcala, MD

Prof. Asociado de Medicina Respiratoria. Hospital Clínico Universitario de Santiago de Compostela
Universidad de Santiago de Compostela

Prof. Berthold Koletzko, MD

Prof. at the Department of Pediatrics. Dr. von Hauner Children's Hospital.
Ludwig-Maximilian University of Munich. Germany
President of the Early Nutrition Academy (ENA)

Prof. Elvira Larqué, PhD

Catedrática del Departamento de Fisiología
Universidad de Murcia (UMU)

Prof. Rosaura Leis, MD

Prof. Titular de Pediatría. Hospital Clínico Universitario de Santiago de Compostela
Universidad de Santiago de Compostela

Prof. Miguel López, PhD

Prof. del Departamento de Fisiología.
Universidad de Santiago de Compostela

Carolina López-Sanguos, MD

Servicio de Pediatría y Neonatología

Hospital Clínico Universitario de Santiago de Compostela Clinical

Prof. Verónica Luque, PhD

Prof. Lectora. Departamento de Medicina y Cirugía. Unidad de Pediatría.

Facultad de Medicina y Ciencias de la Salud.

Universidad de Rovira i Virgili.

Prof. María Teresa Moreira Vilar, PhD

Catedrática de Ingeniería Química

Univdersidad de Santiago de Compostela-Spain

Prof. Luis Moreno Aznar, MD

Catedrático del Departamento de Pediatría.

Universidad de Zaragoza

Prof. Antonio Muñoz Hoyos, MD

Catedrático-Prof. Emérito del Departamento de Pediatría.

Universidad de Granada

Prof. Alejandro Muñuzuri, MD

Coordinador de NICU. Hospital Clínico Universitario de Santiago de Compostela

Prof. Asociado de Pediatría. Universidad de Santiago de Compostela

Prof. Miguel Sáenz de Pipaón, MD

Prof. Asociado de Ciencias de la Salud. Servicio de Neonatología. Hospital de la Paz. Madrid

Universidad Autónoma de Madrid

Luisa M^a Seoane Camino, PhD

Investigadora Servicio Gallego de Salud (SERGAS).

Jefa Grupo CIBER OBN CB06/03/003. Instituto de Salud Carlos III.

Santiago de Compostela-Spain

Prof. Elvira Verduci, MD

Prof. at the Department of Pediatrics. Ospedale Vittore Buzzi di Milano

Università degli Studi di Milano. Italy

The ENA Posgraduate Course 2022, has been funded by:

Cátedra ORDESA-Universidad de Granada



NUTRENVIGEN-G+D Factors Master's Degree.

"Condicionantes Genéticos, Nutricionales y Ambientales del Crecimiento y Desarrollo".

University of Granada, Universidad Rovira i Virgili, Universidad de Santiago de Compostela y Universidad de Zaragoza

