

Code 32509: Capacitación para el uso de animales de experimentación
Code 32510: Experimental Methodologies in Pharmacological Research
Code 33204: Therapeutic targets in Cardiovascular Pharmacology
Code 32512: Therapeutic targets in Neuropharmacology

FEBRUARY (week 5)- Therapeutic targets in Cardiovascular Pharmacology

	Monday -10	TUESDAY-11	WEDNESDAY-12	THURSDAY-13	FRIDAY-14
09:00-10:00 Seminar 5		-33204: Hormonal regulation of vascular tone. <i>Dra. Mercedes Ferrer</i> <i>Dpto. Fisiología-UAM</i>	-33204: Structure of vascular wall. Vascular remodeling. <i>Dra. Silvia Arribas</i> <i>Dpto. Fisiología-UAM</i>	-33204: Childhood obesity: low-grade inflammation and comorbidities <i>Dr. Leandro Soriano</i> <i>Dpto. Pediatría-UAM</i> <i>Fundación Jiménez Díaz</i>	-33204: ROLE OF FGF23/VITAMIN D AXIS IN CARDIOVASCULAR DISEASE <i>Dra. Sandra Rayego</i> <i>Laboratorio Fisiopatología del Daño Renal y Vascular.</i> <i>Instituto Maimónides de Investigación Biomédica de Córdoba (IMIBIC)</i>
10:00-11:00 Seminar 5	-33204: Cardiovascular disease: definition, classification, and risk factors. <i>Dr. José Luis López-Sendón</i> <i>Hospital La Paz-UAM</i>	-33204: - Endothelins <i>Dra. Mercedes Ferrer</i> <i>Dpto. Fisiología-UAM</i>	-33204: Applications of fluorescent nanoparticles for imaging of cardiovascular diseases <i>Dr. Dirk H. Ortgies</i> <i>Dpto Física de Materiales-UAM</i> <i>Fund. RYC de Invest. Sanitaria</i>	-33204: Phenotypic changes in vascular cells during vascular damage; Potential pharmacological modulation <i>Dr. Raúl Rodrigues</i> <i>Fundación Jiménez Díaz</i>	-33204: Metabolic effect of bariatric surgery. Reduction of cardiovascular risk. <i>Dr. Jaime Ruiz-Tova</i> <i>Unidad de Cirugía Bariátrica.</i> <i>Hospital del Henares. URJC</i>
11:30-12:30 Seminar 5	-33204: Epidemiology and prevention of cardiovascular diseases. <i>Dr. Fernando Rodríguez</i> <i>Artalejo</i> <i>Depto. Medicina Preventiva-UAM</i>	-33204: Excitation-contraction coupling. <i>Dra. María Fernández-Velasco</i> <i>Instituto de Investigación del Hospital La Paz</i>	-33204: Macrophages and atherosclerosis <i>Dr. Juan A. Moreno</i> <i>Department of Cell Biology, Physiology and Immunology, University of Cordoba, Spain.</i>	-33204: Pathological mechanisms implicated in aneurysm development. <i>Dr. José Luis Martín Ventura</i> <i>Fundación Jiménez Díaz-UAM</i>	-33204: Mechanisms of vascular fibrosis <i>Dra. Marta Ruiz Ortega</i> <i>Fundación Jiménez Díaz-UAM</i>
12:30-13:30 Seminar 5	-33204: Therapeutic strategies in atherosclerosis. <i>Dr. Jesús Egido de los Ríos</i> <i>Fundación Jiménez Díaz-UAM</i>	-33204: Endothelial function: nitric oxide <i>Dr. Carlos F. Sánchez Ferrer</i> <i>Dpto Farmacología-UAM</i>	-33204: Role of macrophages in cardiac regeneration <i>Dra. Ana B. García Redondo</i> <i>Dpto Fisiología-UAM</i>	-33204: New experimental tools for the study of atherothrombosis. <i>Dr. José Luis Martín Ventura</i> <i>Fundación Jiménez Díaz-UAM</i>	-33204: New aspects of the renin-angiotensin system; TH17 immuneresponse <i>Dra. Marta Ruiz Ortega</i> <i>Fundación Jiménez Díaz-UAM</i>
13:30-14:30 Seminar 5	-33204: miRNAs in renal and cardiovascular diseases <i>Dr. Marta Fierro</i> <i>Centro de Biología Molecular Severo Ochoa, Programa Procesos Fisiol y Patológicos</i>	-33204: Pathophysiology of the cardiovascular system in anaphylaxis <i>Dra. Vanesa Esteban</i> <i>Fundación Jiménez Díaz</i>	-33204: Experimental therapies targeting inflammation in atherosclerosis. <i>Dra. Carmen Gómez Guerrero</i> <i>Fundación Jiménez Díaz-UAM</i>	-33204: Hypolipidemic therapies for cardiovascular diseases. <i>Dr. José Tuñón</i> <i>Fundación Jiménez Díaz-UAM</i>	-33204: Regulators of calcineurin as potential new targets in pathological vascular wall remodeling <i>Dr. Nerea Méndez Barbero</i> <i>Fundación Jiménez Díaz-UAM</i>

Code 32509: Capacitación para el uso de animales de experimentación

Code 32510: Experimental Methodologies in Pharmacological Research

Code 33204: Therapeutic targets in Cardiovascular Pharmacology

Code 32512: Therapeutic targets in Neuropharmacology

FEBRUARY (week 6)- Therapeutic targets in Cardiovascular Pharmacology

	Monday -17	TUESDAY-18	WEDNESDAY-19	THURSDAY-20	FRIDAY-21
09:00-10:00 Seminar 5	-33204: Pathophysiology of obesity Dr. Raffaele Carraro Hospital La Princesa-UAM	-33204: Alterations of vascular function in children. Vascular function in congenital diseases Dr. Fernando Rivilla Hospital Ramón y Cajal	-33204: Microbiota, obesity and cardiovascular injuries Dr. Oscar Lorenzo Fundación Jiménez Díaz-UAM	-33204: Albuminuria and early vascular ageing Dra. M ^a Dolores Sánchez Niño Fundación Jiménez Díaz-UAM	
10:00-11:00 Seminar 5	-33204: Myocardial steatosis and apoptosis in obesity Dr. Oscar Lorenzo Fundación Jiménez Díaz-UAM CIBERDEM	-33204: Kidney and hypertension Dr. Alberto Ortiz Fundación Jiménez Díaz-UAM	-33204: Cardiovascular health and disease: therapeutic targeting of the microbiome Dra. Sari Arponen Serv. Endocrinología. Hospital Torrejón	-33204: Diabetic retinopathy Dra. Nuria Matesanz CNIC	DISCUSSION OF PANELS
11:30:12:30 Seminar 5	-33204: Nervous regulation in the mesenteric vasculature Dr. Javier Blanco Rivero Dpto. Fisiología-UAM	-33204: Glucose and endothelial dysfunction in diabetic vasculopathy Dra. Concepción Peiró Dpto Farmacología-UAM	-33204: Vascular ageing. Senescence mechanisms. Dr. Carlos F. Sánchez Ferrer Dpto Farmacología-UAM	-33204: Pulmonary hypertension Dr. Francisco Pérez Vizcaíno Dpto Farmacología-UCM	DISCUSSION OF PANELS
12:30-13:30 Seminar 5	-33204: Perivascular adipose tissue dysfunction in obesity Dra. María S Fernández Dpto. Ciencias Farmacéuticas y de la Salud-U CEU-San Pablo	-33204: Erectile dysfunction Dr. Javier Angulo Hospital Ramón y Cajal	-33204: Septic shock Dr. José Angel Lorente Hospital Universitario de Getafe	-33204: Insulin sensitivity in the cardiovascular system Dra. Miriam Granada Dpto Fisiología-UAM	DISCUSSION OF PANELS
13:30-14:30 Seminar 5		-33204: Pathophysiology of hypertension Dr. Jorge Gómez Cerezo Hospital Infanta Sofía	-33204: Adipokines and vascular disease Dr. Tania Romacho Head of Core lab KomIT - Center of Competence Leibniz-Zentrum für Diabetes-Forschung an der Heinrich-Heine-Universität Düsseldorf		

- Code 32509:** Capacitación para el uso de animales de experimentación
- Code 32510:** Experimental Methodologies in Pharmacological Research
- Code 33204:** Therapeutic targets in Cardiovascular Pharmacology
- Code 32512:** Therapeutic targets in Neuropharmacology

FEBRUARY (week 7)- Therapeutic targets in Cardiovascular Pharmacology

TIME	Monday -24	TUESDAY-25	WEDNESDAY-26	THURSDAY-27	FRIDAY-28
09:00-10:00 Seminario 5					Student Presentation Student Presentation Student Presentation
10:00-11:00 Seminario 5	-33204: Update in Cardiac pharmacology I <i>Dr. Juan Tamargo</i> <i>Dpto Farmacología-UCM</i>				Student Presentation Student Presentation
11:30:12:30 Seminario 5	-33204: Update in Cardiac pharmacology II <i>Dr. Juan Tamargo</i> <i>Dpto Farmacología-UCM</i>				Student Presentation Student Presentation
12:30-13:30 Seminario 5					Student Presentation