



Radiología y Medicina Física

Áreas de conocimiento: Radiología y Medicina Física

Director: Nicolás Olea Serrano

Secretaria: María Isabel Núñez Torres

Página web: <http://www.ugr.es/~dptorad/>

Profesorado: CU: 2 PTU: 7, PDI Contratado: 2 y AA.CC.S.: 11

Tesis leídas

- Efectos de la magnetoterapia en líneas celulares humanas en cáncer de mama

Doctoranda: María del Mar Salinas Asensio

Director: N. Olea Serrano / M.I. Núñez Torres / I. Salinas Sánchez

Fecha de lectura: 24/10/2014

- Evaluación del desarrollo cognitivo y conductual en niños de la cohorte de INMA-Granada

Doctoranda: Rocío Pérez Lobato

Director: N. Olea Serrano / F. Cruz Quintana / M. Fernández Cabrera

Fecha de lectura: 20/02/2015

- Exposición a campos electromagnéticos de radiación no ionizante en la cohorte INMA-Granada

Doctoranda: Irene Calvente Adamuz

Director: M.I. Núñez Torres / J. Villalba Moreno / M. Fernández Cabrera:

Fecha de lectura: 13/03/2015

Grupos de Investigación.

CTS426 AGENTES FISICOS Y ODONTOLOGIA

- Responsable: JUAN VILLALBA MORENO

CTS402 ODONTOPEDIATRIA

- Responsable: CINTA MANRIQUE MORÁ

CTS206 ONCOLOGIA BASICA Y CLINICA

- Responsable: NICOLAS OLEA SERRANO

CTS434 ONCOLOGIA E INMUNOLOGIA MOLECULAR

- Responsable: JOSÉ MARIANO RUIZ DE ALMODOVAR RIVERA

Dirección y participación en Proyectos I+D

- 2014 CONSECUENCIAS BIOQUIMICAS, METABOLICAS Y GENETICAS DE LA EXPOSICION HUMANA A DISRUPTORES ENDOCRINOS "OBESOGENOS" EN SUJETOS CON OBESIDAD Y NORMOPESO, INTITUTO DE SALUD CARLOS III (FIS), 01/01/2014-30/12/2016

Responsable FERNANDEZ CABRERA, MARIANA FATIMA

Publicaciones en revistas

- 2015 Artículo: Screening of hormone-like activities in bottled waters available in Southern Spain using receptor-specific bioassays, *Environment International*, 74, , 125-135

ARREBOLA MORENO, JUAN PEDRO

FERNANDEZ CABRERA, MARIANA FATIMA

MOLINA MOLINA, JOSE MANUEL

OLEA SERRANO, NICOLAS

- 2015 Artículo: Zearalenone and its metabolites in urine and breast cancer risk: A case-control study in Tunisia, *Chemosphere*, 128, , 1-6

ARREBOLA MORENO, JUAN PEDRO

OLEA SERRANO, NICOLAS

- 2015 Artículo: Synthesis of 6,8,9 poly-substituted purine analogue libraries as pro-apoptotic inducers of human leukemic lymphocytes and DAPK-1 inhibitors, *Organic & Biomolecular Chemistry*, 13, 18, 5224-5234

FERNANDEZ RUBIO, PABLO

MOLINA PINEDA DE LAS INFANTAS, IGNACIO JESUS

TORRES RUSILLO, SARA

- 2014 Artículo: Interaction between PARP-1 and HIF-2 alpha in the hypoxic response., *Oncogene*, 33, , 891-898

GONZALEZ FLORES, ARIANNYS

LÓPEZ JIMÉNEZ, LAURA MARÍA

OLIVER POZO, FRANCISCO JAVIER

RODRÍGUEZ LARA, MARÍA ISABEL

- 2014 Artículo: Disease-free survival related factors in breast cancer, *MEDICINA CLINICA*, 143, 7, 293-299

ARREBOLA MORENO, JUAN PEDRO

FERNANDEZ CABRERA, MARIANA FATIMA



- OLEA SERRANO, NICOLAS
- 2014 Artículo: Sonographic quantification of a hepato-renal index for the assessment of hepatic steatosis in comparison with 3T proton magnetic resonance spectroscopy, *European journal of gastroenterology & hepatology*, 26, 1, 88-94
- ARREBOLA MORENO, JUAN PEDRO
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Prenatal exposure to hexachlorobenzene (HCB) and reproductive effects in a multicentre birth cohort in Spain., *Science of the Total Environment*, , 466-467, 770-776
- FERNANDEZ CABRERA, MARIANA FATIMA
- 2014 Artículo: Diabetic ketoacidosis following chlorothalonil poisoning., *Occupational and environmental medicine (London)*, 71, 5, 382-
- ARREBOLA MORENO, JUAN PEDRO
- OLEA SERRANO, NICOLAS
- 2014 Artículo: ESR1 gene promoter region methylation in free circulating DNA and its correlation with estrogen receptor protein expression in tumor tissue in breast cancer patients., *Bio Med Central Cancer*, 14, 59, -
- NUÑEZ TORRES, MARIA ISABEL
- 2014 Artículo: Adipose tissue concentrations of persistent organic pollutants and total cancer risk in an adult cohort from Southern Spain: Preliminary data from year 9 of the follow-up, *Science of the Total Environment*, 500-501, , 243-249
- ARREBOLA MORENO, JUAN PEDRO
- FERNANDEZ CABRERA, MARIANA FATIMA
- MOLINA MOLINA, JOSE MANUEL
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Validation of a UHPLC-MS/MS method for quantification of zearalenone, α -zearalenol, β -zearalenol, γ -zearalenol, δ -zearalenol and zearalanone in human urine, *Journal of chromatography. B (Print)*, 961, , 68-74
- MOLINA MOLINA, JOSE MANUEL
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Analytical methodology for the profiling and characterization of androgen receptor active compounds in human placenta, *Reproductive toxicology (Elmsford, N.Y.)*, 47, , 102-110
- ARREBOLA MORENO, JUAN PEDRO
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Characterization of Indoor Extremely Low Frequency and Low Frequency Electromagnetic Fields in the INMA-Granada Cohort., *Plos One*, 9, 9, e106666-
- FERNANDEZ CABRERA, MARIANA FATIMA
- NUÑEZ TORRES, MARIA ISABEL
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Associations of accumulated exposure to persistent organic pollutants with serum lipids and obesity in an adult cohort from Southern Spain., *Environmental pollution (1987)*, 195, , 9-15
- ARREBOLA MORENO, JUAN PEDRO
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- FERNANDEZ CABRERA, MARIANA FATIMA
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- OLEA SERRANO, NICOLAS
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- 2014 Editorial: [Endocrine disruptors. Is there sufficient evidence to act?], , 28, 2, 93-95
- FERNANDEZ CABRERA, MARIANA FATIMA
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- OLEA SERRANO, NICOLAS
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- 2014 Artículo: Polychlorinated biphenyls (PCBs) and p,p'-dichlorodiphenyldichloroethylene (DDE) concentrations in maternal and umbilical cord serum in a human cohort from South Portugal., *Chemosphere*, 114, , 291-302
- ARREBOLA MORENO, JUAN PEDRO
- OLEA SERRANO, NICOLAS
- 2014 Artículo: In utero exposure to mixtures of xenoestrogens and child neuropsychological development, *Environmental research (New York, N.Y. Print)*, 134, , 98-104
- FERNANDEZ CABRERA, MARIANA FATIMA
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Prenatal exposure to mixtures of xenoestrogens and repetitive element DNA methylation changes in human placenta., *Environment international*, 71, , 81-87
- FERNANDEZ CABRERA, MARIANA FATIMA
- OLEA SERRANO, NICOLAS
- 2014 Artículo: Assessment of estrogenic and anti-androgenic activities of the mycotoxin zearalenone



and its metabolites using in vitro receptor-specific bioassays, *Food and Chemical Toxicology*, 74, ,
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MOLINA MOLINA, JOSE MANUEL
OLEA SERRANO, NICOLAS

Contribuciones en congresos

- 2014 Poster en Congreso: IMPORTANCE OF CANCER STEM CELLS IN DETERMINING IONIZING RADIATION RESPONSE, 8th European Scientific Oncology Conference, 02/07/2014, , Congreso
NUÑEZ TORRES, MARIA ISABEL
- 2014 Poster en Congreso: CANCER STEM-LIKE CELL MARKERS REGULATION BY CIRCADIAN GENES IN COLORECTAL TUMORS, 8th European Scientific Oncology Conference, 02/07/2014, . MARBELLA, Málaga, ESPAÑA, Congreso
NUÑEZ TORRES, MARIA ISABEL
- 2014 Poster en Congreso: REDOX STATUS AND IONIZING RADIATION RESPONSE IN BREAST CANCER CELL LINES, 8th European Scientific Oncology Conference, 02/07/2014, . MARBELLA, Málaga, ESPAÑA, Congreso
NUÑEZ TORRES, MARIA ISABEL
- 2014 Comunicación en congreso: Earlier myocardial infarction as an explanation of the smoker paradox: A quantitative approach, 19th World Congress on Heart Disease, 25/07/2014, Boston, MA, ARREBOLA MORENO, JUAN PEDRO
- 2014 Comunicación en congreso: Functional and molecular characterization of a cohort of Spanish patients with Ataxia-Telangiectasia, XXXVIII Congreso de la Sociedad Española de Inmunología, 08/05/2014, BADAJOZ, Congreso
TORRES RUSILLO, SARA
CARRANZA DOMINGUEZ, DIANA
MOLINA PINEDA DE LAS INFANTAS, IGNACIO JESUS
- 2014 Comunicación en congreso: Exploring Gene Therapy for Ataxia-Telangiectasia with Lentiviral Vectors, Ataxia-Telangiectasia Clinical Research Conference, 13/11/2014, , Congreso
TORRES RUSILLO, SARA
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MOLINA PINEDA DE LAS INFANTAS, IGNACIO JESUS