

## Producción científica derivada de las tesis defendidas en el programa de Doctorado en Nutrigenómica y Nutrición Personalizada

### 1. Doctorandos de la UPV/EHU

| Año de defensa | Doctorando/a          | Título de la tesis                                                                                                                                  |
|----------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 2018           | Iñaki Milton Laskibar | Comparative effects of energy of energy restriction and resveratrol in the treatment of different health alterations related to metabolic syndrome. |

#### Contribuciones científicas derivadas:

1. **Milton-Laskibar I.**; Aguirre, L.; Macarulla, M. T.; Etxeberria, U.; Milagro, F. I.; Martínez, J. A.; Contreras, J.; Portillo, M. P. «Comparative effects of energy restriction and resveratrol intake on glycemic control improvement». *Biofactors*. 2017 May 6; 43(3):371-378. doi: 10.1002/biof.1347. PMID: 28218490. I. F. 3,038; Q2.
2. **Milton-Laskibar, I.**; Gómez-Zorita, S.; Aguirre, L.; Fernández-Quintela, A.; González, M.; Portillo, M. P. «Resveratrol-Induced Effects on Body Fat Differ Depending on Feeding Conditions». *Molecules*. 2017 Nov 29; 22(12). pii: E2091. doi: 10.3390/molecules22122091. PMID: 29186045. I. F. 3,098; Q2.
3. **Milton-Laskibar, I.**; Aguirre, L.; Fernández-Quintela, A.; Rolo, A. P.; Soeiro Teodoro, J.; Palmeira, C. M.; Portillo, M. P. «Lack of Additive Effects of Resveratrol and Energy Restriction in the Treatment of Hepatic Steatosis in Rats». *Nutrients*. 2017 Jul 11; 9(7). pii: E737. doi: 10.3390/nu9070737. PMID: 28696376. I. F. 4,196; Q1.
4. **Milton-Laskibar, I.**; Aguirre, L.; Etxeberria, U.; Milagro, F. I.; Martínez, J. A.; Portillo, M. P. «Do the Effects of Resveratrol on Thermogenic and Oxidative Capacities in IBAT and Skeletal Muscle Depend on Feeding Conditions?» *Nutrients*. 2018 Oct 6; 10(10). pii: E1446. doi: 10.3390/nu10101446. PMID: 30301195. I. F. 4,171; Q1.
5. **Milton-Laskibar, I.**; Aguirre, L.; Etxeberria, U.; Milagro, F. I.; Martínez, J. A.; Portillo, M. P. «Involvement of autophagy in the beneficial effects of resveratrol in hepatic steatosis treatment. A comparison with energy restriction». *Food Funct*. 2018 Aug 15; 9(8):4207-4215. doi: 10.1039/c8fo00930a. PMID: 29993072. I. F. 3,241; Q1.

| Año de defensa | Doctorando/a          | Título de la tesis                                                                                         |
|----------------|-----------------------|------------------------------------------------------------------------------------------------------------|
| 2018           | Andrea Mosqueda Solís | Effects of food bioactives on lipid metabolism: applications in obesity and related metabolic alterations. |

#### Contribuciones científicas derivadas:

1. **Mosqueda-Solís, A.**; Lasa, A.; Gómez-Zorita, S.; Eseberri, I.; Picó, C.; Portillo, M. P. «Screening of potential anti-adipogenic effects of phenolic compounds showing different chemical structure in 3T3-L1 preadipocytes». *Food Funct.* 2017 Oct 18; 8(10):3576-3586. doi: 10.1039/c7fo00679a. PMID: 28884178. I. F. 3,289; Q1.

2. **Mosqueda-Solís, A.**; Sánchez, J.; Reynés, B.; Palou, M.; Portillo, M. P.; Palou, A.; Picó, C. «Hesperidin and capsaicin, but not the combination, prevent hepatic steatosis and other metabolic syndrome-related alterations in western diet-fed rats». *Sci Rep.* 2018 Oct 10; 8(1):15100. doi: 10.1038/s41598-018-32875-4. PMID: 30305645. I. F. 4,011; Q1.

3. **Mosqueda-Solís, A.**; Sánchez, J.; Portillo, M. P.; Palou, A.; Picó, C. «Combination of Capsaicin and Hesperidin Reduces the Effectiveness of Each Compound To Decrease the Adipocyte Size and To Induce Browning Features in Adipose Tissue of Western Diet Fed Rats». *J Agric Food Chem.* 2018 Sep 19; 66(37):9679-9689. doi: 10.1021/acs.jafc.8b02611. Epub 2018 Sep 5. PMID: 30183290. I. F. 3,571; D1.

| Año de defensa | Doctorando/a                 | Título de la tesis                                                                                                                    |
|----------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 2019           | Javier Amezaga Mariezcurrena | Lipidómica de membrana de eritrocito en pacientes con cáncer en tratamiento de quimioterapia: alteraciones sensoriales y metabolismo. |

#### Contribuciones científicas derivadas:

1. **Amézaga, J.**; Arranz, S.; Urruticoechea, A.; Ugartemendia, G.; Larraioz, A.; Louka, M.; Uriarte, M.; Ferreri, C.; Tueros, I. «Altered Red Blood Cell Membrane Fatty Acid Profile in Cancer Patients». *Nutrients.* 2018 Dec 1; 10(12). pii: E1853. doi: 10.3390/nu10121853. PMID: 30513730. I. F. 4,171; Q1.

2. **Amézaga, J.**; Alfaro, B.; Ríos, Y.; Larraioz, A.; Ugartemendia, G.; Urruticoechea, A.; Tueros, I. «Assessing taste and smell alterations in cancer patients undergoing chemotherapy according to treatment». *Support Care Cancer*. 2018 Dec; 26(12):4077-4086. doi: 10.1007/s00520-018-4277-z. PMID: 29855774. I. F. 2,754; Q1.

| Año de defensa | Doctorando/a           | Título de la tesis                                                                                                                                                 |
|----------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2019           | Itziar Eseberri Barace | Effects of resveratrol and quercetin metabolites in adipogenesis and triglyceride metabolism of 3T3-L1 adipocytes and comparison to those of the parent compounds. |

#### Contribuciones científicas derivadas:

1. **Eseberri, I.**; Miranda, J.; Lasa, A.; Churruca, I.; Portillo, M. P. «Doses of Quercetin in the Range of Serum Concentrations Exert Delipidating Effects in 3T3-L1 Preadipocytes by Acting on Different Stages of Adipogenesis, but Not in Mature Adipocytes». *Oxid Med Cell Longev*. 2015; 2015:480943. doi: 10.1155/2015/480943. PMID: 26180590. I. F. 4,492; Q2.

2. **Eseberri, I.**; Lasa, A.; Churruca, I.; Portillo, M. P. «Resveratrol metabolites modify adipokine expression and secretion in 3T3-L1 pre-adipocytes and mature adipocytes». *PLoS One*. 2013 May 22; 8(5):e63918. doi: 10.1371/journal.pone.0063918. PMID: 23717508. I. F. 3,534; Q1.

3. **Eseberri, I.**; Lasa, A.; Miranda, J.; Gracia, A.; Portillo, M. P. «Potential miRNA involvement in the anti-adipogenic effect of resveratrol and its metabolites». *PLoS One*. 2017 Sep 27; 12(9):e0184875. doi: 10.1371/journal.pone.0184875. eCollection 2017. PMID: 28953910. I. F. 2,766; Q1.

4. **Eseberri, I.**; Miranda, J.; Lasa, A.; Mosqueda-Solís, A.; González-Manzano, S.; Santos-Buelga, C.; Portillo, M. P. «Effects of Quercetin Metabolites on Triglyceride Metabolism of 3T3-L1 Preadipocytes and Mature Adipocytes». *Int J Mol Sci*. 2019 Jan 11; 20(2). pii: E264. doi: 10.3390/ijms20020264. PMID: 30641871. I. F. 4,183; Q1.

| Año de defensa | Doctorando/a           | Título de la tesis                                                                  |
|----------------|------------------------|-------------------------------------------------------------------------------------|
| 2019           | Idoia Larrechi Lamelas | Gluten gabeko dieta: Euskal Autonomia Erkidegoko pertsona zeliakoen dieta ohiturak. |

### Contribuciones científicas derivadas:

1. **Larretxi, I.**; Simón, E.; Benjumea, L.; Miranda, J.; Bustamante, M. Á.; Lasa, A.; Eizaguirre, F. J.; Churruca, I. «Gluten-free-rendered products contribute to imbalanced diets in children and adolescents with celiac disease». *Eur J Nutr.* 2019 Mar; 58(2):775-783. doi: 10.1007/s00394-018-1685-2. PMID: 29633011. I. F. 4,449; Q1.
2. **Larretxi, I.**; Churruca, I.; Navarro, V.; Lasa, A.; Bustamante, M. Á.; Fernández-Gil, M. D. P.; Simón, E.; Miranda, J. «Micronutrient Analysis of Gluten-Free Products: Their Low Content Is Not Involved in GlutenFree Diet Imbalance in a Cohort of Celiac Children and Adolescent». *Foods.* 2019 Aug 7; 8(8). pii: E321. doi: 10.3390/foods8080321. PMID: 31394809. I. F. 3,011; Q2.
3. **Larretxi, I.**; Churruca, I.; Navarro, V.; Miranda, J.; Lasa, A.; Bustamante, M. Á.; Simón, E. «Effect of analytically measured fiber and resistant starch from gluten-free products on the diets of individuals with celiac disease». *Nutrition.* 2019 Sep 12;70:110586. doi: 10.1016/j.nut.2019.110586. PMID: 31739176. I. F. 3,591; Q2.

## 2. Doctorandos de la URV

Hay un alumno matriculado que aún no tiene ninguna publicación.