



Breve reseña curricular

Nombre y Apellidos: Amaya Velasco Herrero

Categoría Profesional: Personal técnico de apoyo

Formación Académica: Licenciada en Biología y Ciencias del mar

Área/s Científicas CSIC (Recursos Naturales, Ciencia y Tecnología de Alimentos, Ciencias Agrarias): Ciencia y Tecnología de Alimentos

Experiencia Científica y/o Tecnológica (líneas de trabajo; instrumentación/técnicas que maneja):

Identificación de especies marinas en alimentos con técnicas de biología molecular: Extracción de ácidos nucleicos, PCR, electroforesis en geles de agarosa, RT-PCR, diseño de primers y sondas TaqMan, PCR-ELISA. Secuenciación Sanger, análisis de secuencias. Análisis filogenéticos.
Redacción de publicaciones científicas.
Divulgación científica.

Resumen libre del Currículum/biografía:

IIM-CSIC: septiembre de 2010 a día de hoy.

IATS-CSIC: 2009-2010

Tragsa: Observadora pesquera. 2008

Idiomas: Inglés C1. Francés básico. Valenciano B1.

Publicaciones:

- Velasco, A., Aldrey, A., Pérez-Martín, R.I., Sotelo, C.G. (2016) Assessment of the labelling accuracy of spanish semipreserved anchovies products by FINS (forensically informative nucleotide sequencing), Heliyon, Volume 2, Issue 6
- Mariani, S., Griffiths, A.M., Velasco, A., Kappel, K., Jérôme, M, Perez-Martin, R.I., Schröder, U., Verrez-Bagnis, V., Silva, H., Vandamme, S.G., Boufana, B., Mendes, R., Shorten, M., Smith, C., Hankard, E., Hook, S.A., Weymer, A.S., Gunning, D., and Sotelo, C.G. (2015) Low mislabeling rates indicate marked improvements in European seafood market operations. Front Ecol Environ; 13(10): 536–540
- Santaclara, F.J., Velasco, A., Pérez-Martín, R.I., Quinteiro, J., Rey-Méndez, M., Pardo, M.A., Jimenez, E., Sotelo, C.G. (2015) Development of a multiplex PCR-ELISA method for the genetic authentication of *Thunnus* species



and *Katsuwonus pelamis* in food products, Food Chem. 180:9-16

- Taboada, L., Sánchez, A., Velasco, A., Santaclara, F.J., Pérez-Martín, R.I., and Sotelo, C.G. (2014) Identification of Atlantic Cod (*Gadus morhua*), Ling (*Molva molva*), and Alaska Pollock (*Gadus chalcogrammus*) by PCR–ELISA Using Duplex PCR. J. Agric. Food Chem. 62(24):5699-706
- Velasco, A., Sánchez, A., Martínez, I., Santaclara, F.J., Pérez-Martín, R.I., Sotelo, C.G. (2013) Development of a Real-Time PCR method for the identification of Atlantic mackerel (*Scomber scombrus*). Food Chem. 141: 2006-2010.
- Martínez, I., Velasco, A., Perez-Martin, R., Forås, E., Yamashita, M. & Sotelo, C.G. (2012) Evaluation of a fast method based on the presence of two restriction sites in the mitochondrial ND5 (mtND5) gene for the identification of *Scomber* species. J Aquatic Food Product Technology. 21: 1-9.



Brief curriculum review

Name and Surname: Amaya Velasco Herrero

Professional Category: Research assistant

Academic History: Degree in Biology and Marine Sciences

CSIC Scientific Areas (Natural Resources, Food Science and Technology, Agricultural Sciences): Food Science and Technology

Scientific and/or Technological Experience (research lines, instrumentation/techniques):

Identification of marine species in food with molecular biology techniques: Nucleic acid extraction, PCR, agarose gel electrophoresis, RT-PCR, design of primers and TaqMan probes, PCR-ELISA.

Sanger sequencing, sequence analysis. Phylogenetic analysis.

Writing of scientific publications.

Scientific dissemination.

Free CV summary/biography:

IIM-CSIC: September 2010 to present.

IATS-CSIC: 2009-2010

Tragsa: Fishery Observer. 2008

Languages: English C1. Basic French. Valencian B1.

Publications:

- Velasco, A., Aldrey, A., Pérez-Martín, R.I., Sotelo, C.G. (2016) Assessment of the labelling accuracy of spanish semipreserved anchovies products by FINS (forensically informative nucleotide sequencing), Heliyon, Volume 2, Issue 6

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Breve nota curricular

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Divulgación científica.

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