

Dr. Lina Maria Gonzalez-Gonzalez

List of Publications

- González-González, L.M., L.E. de-Bashan. 2021. Toward the enhancement of microalgal metabolite production through microalgae-bacteria consortia. *Biology*, 10 (4): p.282
- González-González, L.M., Astals, S., Pratt, S., Jensen, P. D., Schenk, P.M. 2021. Osmotic shock pretreatment of *Chaetoceros muelleri* wet biomass enhanced solvent-free lipid extraction and biogas production. *Algal Research*, 54: p.102177
- González-González, L.M., Eltanahy, E., Schenk, P.M. 2019. Assessing the fertilizing potential of microalgal digestates using the marine diatom *Chaetoceros muelleri*. *Algal Research*, 41, 101534.
- González-González, L.M., Astals, S., Pratt, S., Jensen, P. D., Schenk, P.M. 2019. Impact of osmotic shock pretreatment on microalgae lipid extraction and subsequent methane production. *Bioresource Technology Reports* 7, 100214.
- González-González, L.M., Zhou, L., Astals, S., Thomas-Hall, S. R., Eltanahy, E., Pratt, S., Jensen, P. D., Schenk, P.M. 2018. Biogas production coupled to repeat microalgae cultivation using a closed nutrient loop. *Bioresource Technology*, 263, 625-630.
- González-González, L.M., Correa, D.F., Ryan, S., Jensen, P., Pratt, S., Schenk, P.M. Integrated biodiesel and biogas production from microalgae: Towards a sustainable closed loop through nutrient recycling. 2018. *Renewable and Sustainable Energy Reviews* 82, 1137-1148.
- Ghasemi Naghdi F., González-González L.M., Chan W., Schenk P.M. 2016. Progress on lipid extraction from wet algal biomass for biodiesel production. *Microbial Biotechnology*, 9(6), 718-726.
- González-González, L.M., Núñez-Avellaneda, M. 2008. Oedogoniophyceae. p.p 103–108. In: Núñez-Avellaneda, M. (ed) 2008. *Microalgas acuáticas: la otra escala de la biodiversidad en la Amazonia Colombiana*. Bogotá, Colombia. Instituto Amazónico de Investigaciones Científicas – Sinchi. 222 p.p. ISBN 978- 958-8317-43-4.
- Gonzalez-Gonzalez, L.M., Galindo, T., Reyes, C., Pérez, J. 2006. Evaluación de dos cuerpos de agua lénticos mediante indicadores fitoplanctónicos y contenido de nutrientes (Puerto López, Meta, Colombia). Libro de memorias del VII Seminario Nacional de Limnología y I Reunión Internacional de Ríos y Humedales Neotropicales. p.p 73-83. ISBN 958-33-9792-X