

Key Publications BioProcess Engineering

1. Wijffels R.H., Barbosa M.J. (2010) An outlook on microalgal biofuels. *Science* 329: 796-799.
[DOI: 10.1126/science.1189003](https://doi.org/10.1126/science.1189003)
2. Van de Waterbeemd B., Streefland M., van der Ley P., Zomer B., van Dijken H., Martens D., Wijffels R., van der Pol L. (2010) Improved OMV vaccine against *Neisseria meningitidis* using genetically modified strains and a detergent-free purification process. *Vaccine* 28: 4810-4816.
[DOI: 10.1016/j.vaccine.2010.04.082](https://doi.org/10.1016/j.vaccine.2010.04.082)
3. Ruiz, J., Olivieri, G., Vree de J., Bosma, R., Willems, P., Reith H.J., Eppink, M. H. M., Kleinegris, D. M. M., Wijffels, R.H., and Barbosa M.J. (2016) Towards industrial products from microalgae. *Energy Environ. Sci.*, 2016,9, 3036-3043.
[DOI: 10.1039/C6EE01493C](https://doi.org/10.1039/C6EE01493C)
4. de Jaeger L., Verbeek R.E.M., Draaisma R.B., Martens D.E., Springer J., Eggink G., Wijffels R.H. (2014) Superior triacylglycerol (TAG) accumulation in starchless mutants of *Scenedesmus obliquus*: (I) mutant generation and characterization. *Biotechnology for Biofuels* 2014, 7:69.
[DOI: 10.1186/1754-6834-7-69](https://doi.org/10.1186/1754-6834-7-69)
5. Pol van der E.C., Eggink, G., Weusthuis, R.A. (2016) Production of l(+)-lactic acid from acid pretreated sugarcane bagasse using *Bacillus coagulans* DSM2314 in a simultaneous saccharification and fermentation strategy. *Biotechnology for Biofuels* 9:248
[DOI: 10.1186/s13068-016-0646-3](https://doi.org/10.1186/s13068-016-0646-3)