

Tematica

**pentru concursul de ocuparea unui post vacant Cercetator Stiintific
gradul III, CS III, domeniul *Ingineria Resurselor Vegetale si Animale***

Tematica 1. Metode de extractie a lipidelor din microalge–avantaje, dezavantaje

Tematica 2. Evaluarea cantitativa a riscului microbial pentru apa potabila–generalitati

Bibliografie:

1. K.S.H. Eldiehy, P. Bardhan, D. Borah, M. Gohain, M. A. Rather, D. Deka, M. Mandal, A comprehensive review on microalgal biomass production and processing for biodiesel production, *Fuel*, 324, 2022, 124773, <https://doi.org/10.1016/j.fuel.2022.124773>
2. C.E.L. Owens, M. L. Angles, P. T. Cox, P. M. Byleveld, N. J. Osborne, M. B. Rahman, Implementation of quantitative microbial risk assessment (QMRA) for public drinking water supplies: Systematic review, *Water Research*, 174, 2020, 115614, <https://doi.org/10.1016/j.watres.2020.115614>
3. M. A. Hamouda, X. Jin, H. Xu, F. Chen, Quantitative microbial risk assessment and its applications in small water systems: A review, *Science of The Total Environment*, 645, 2018, 993-1002, <https://doi.org/10.1016/j.scitotenv.2018.07.228>

