Bioprocess and Biosystems Engineering (2021) 44:2229
https://doi.org/10.1007/s00449-021-02594-8

CORRECTION

Correction to: A new approach for calculating microalgae culture growth based on an inhibitory effect of the surrounding biomass

Sun-Hwa Jung[1] · Christopher McHardy[2] · Cornelia Rauh[2] · Alexander Jahn[3] · Giovanni Luzi[3] · Antonio Delgado[3] · Rainer Buchholz[4] · Christoph Lindenberger[1]

Published online: 16 June 2021

Correction to: Bioprocess and Biosystems Engineering
https://doi.org/10.1007/s00449-021-02550-6

Unfortunately, in the original article some of the correction were missed in the online publication.

The changes were given below.

The address of the authors Christoph Peter Lindenberger and Sun-Hwa Jung is updated as Kaiser-Wilhelm-Ring 23, 92,241, Amberg, Germany.

The address of the authors Christopher McHardy and Cornelia Rauh is updated as Königin-Luise-Str. 22, 14,195 Berlin.

In the Abbreviations, the space is missing between m^3 and kg^{-1}, updated Vessel volume per minute to Gas volume per Vessel volume per minute and close bracket is missed for (kg m^{-3}).

The space was missing in the below given equations

$$\mu = \frac{\mu_{\max}}{\pi r^2}\int_0^{2\pi}\int_0^{r}\frac{I(b,X)}{I(b,X)+K_M}b\mathrm{d}b\mathrm{d}\varphi$$

$$\overline{\mu} = 2\frac{\mu_{\max}}{r^2}\int_0^{r}\frac{I(b,X)}{I(b,X)+K_M}b\mathrm{d}b$$

$$\overline{\mu} = C_{[EI]}k_1 + C[X_mEI]k_m$$

The spaces are missing for the given equation

$$K_{D1}, K_{X_m}, K_{Xn}, \frac{k_m}{k_1},\ \mu_{\max,M,n}$$

The below equation should be in italics

$$\overline{\mu}_{\max} = \frac{\mu_{\max}L}{1+L},$$
$$n = \frac{n_1L}{n_2+L},$$
$$m = -\left(1+\frac{m_1L}{m_2+L}\right).$$

The original article has been corrected.

The original article can be found online at https://doi.org/10.1007/s00449-021-02550-6.

✉ Christoph Lindenberger
c.lindenberger@oth-aw.de

[1] Department of Mechanical Engineering and Environmental Engineering, OTH Amberg-Weiden, Kaiser-Wilhelm-Ring 23, 92241 Amberg, Germany

[2] Department of Food Biotechnology and Food Processing Engineering, Technische Universität Berlin, Königin-Luise-Str. 22, 14195 Berlin, Germany

[3] German Engineering Research and Development Centre LSTME Busan, Busan, South Korea

[4] Department of Bioprocess Engineering, FAU Busan Campus, Friedrich-Alexander University, Busan, South Korea