Corrigendum

Corrigendum to ICRP *Publication 130*: Occupational intakes of radionuclides: Part 1 [Ann. ICRP 44(2) 2015]. DOI 10.1177/0146645315577539.

An addition sign which should have been placed immediately after the closing square bracket was accidentally omitted in Eq. 3.3. The corrected equation is shown here:

$$\frac{dA_{i,j}(t)}{dt} = \sum_{\substack{k=1 \\ k \neq j}}^{M} A_{i,k}\lambda_{i,k,j} - A_{i,j}\left[\sum_{\substack{k=1 \\ k \neq j}}^{M} \lambda_{i,j,k} + \lambda_i^P\right] + \sum_{k=1}^{i-1} A_{k,j}\beta_{k,i}\lambda_i^P \tag{3.3}$$

where:

M is the number of compartments describing the kinetics;

$\lambda_{i,j,k}$ is the fractional transfer rate of chain member i from compartment j (donor compartment) to compartment k (receiving compartment) in the biokinetic model;

λ_i^P is the physical decay constant of chain member i; and

$\beta_{k,i}$ is the fraction of the decays of chain member k forming member i.

In addition, in Eq. 3.5 the $\tilde{A}$ in the numerator should have the suffix 'i', the 'j' for the summation should have been italic, and '$A_{1,j}(0)$' in the denominator should not have lined up with the 'j' of the summation. Please see the corrected equation below:

$$\tilde{a}_i(r_S, \tau) = \frac{\tilde{A}_i(r_S, \tau)}{\sum_j A_{1,j}(0)} \tag{3.5}$$

ICRP apologises for any inconvenience or confusion caused by these errors.