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Corrigendum

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In the above note the source term for a time-independent diffusion equation was incorrectly stated (see also Ref. [1]). In the above note the solution given by equation (5) satisfies the differential equation (1) and boundary conditions

$$DC'(R) + PC(R) = 0, \quad C'(0) = -\lambda b/\gamma R,$$

with the correct source term given by

$$S(r) = \begin{cases} \lambda(1 - br/R + 2b/Rk^2r), & 0 < r \leqslant R \\ 0 & r > R. \end{cases} \tag{1}$$

The results stated in the above note (and hence Ref. [1]) are valid for the corrected source term, and the conclusions remain unchanged. A measure of the source inhomogeneity is estimated by calculating $[S(0.50) - S(0.37)]/S(0.37) \approx 0.05$ using the data in Ref. [1]. A similar form of source term applies in two-dimensions [2]. While not valid at the origin, the source term (1) does model increased inhibitor production in a necrotic core, leveling off to smaller rates in the outer regions of the tumor.

REFERENCES

1. J. A. Adam, A mathematical model of tumor growth. III. Comparison with experiment. *Mathl Biosci.* **86,** 213–227 (1987).
2. J. A. Adam, A mathematical model of tumor growth. II. Effects of geometry and spatial nonuniformity on stability. *Mathl Biosci.* **86,** 183–211 (1987).