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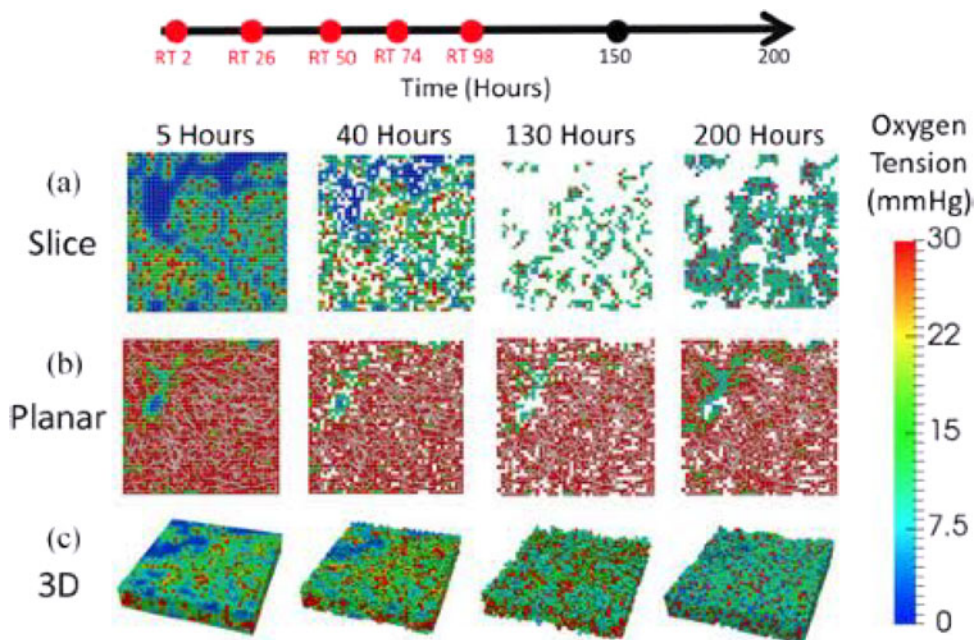
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Influence of geometry on cell growth and response to RT. Simulations at times $t = 5, 40, 130$ and 200 h, comparing the response of tumor cells embedded in (a) “Slice,” (b) “Planar,” and (c) the “3-D” representation of one of the biological networks to five rounds of daily RT. Administration times are also indicated. Cellular oxygen tension in mmHg is contoured. Parameter values: as per Table I, except for the oxygen consumption rate which is increased by a factor of 15 (from $k = 13 \text{ min}^{-1}$ to $k = 195 \text{ min}^{-1}$) See “Predicting The Influence of Microvascular Structure On Tumour Response to Radiotherapy,” by Grogan *et al.*, p. 508.



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