

Clinical Image Article

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Therapeutic Nanomedicine Different High-Resolution Experimental Images and Computational Simulations for Human Brain Cancer Cells and Tissues Using Nanocarriers Deliver DNA/RNA to Brain Tumors under Synchrotron Radiation with the Passage of Time Using Mathematica and MATLAB

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Article Info

Keywords: Nanomedicine; Vancer cells; Tissue; Nanocarrier.

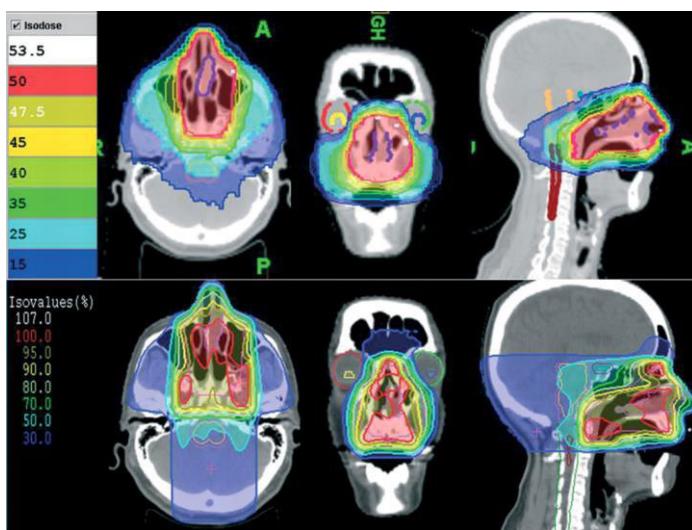
Description of Images

In the current study, first, we have experimentally presented therapeutic nanomedicine different high-resolution experimental images for human brain cancer cells and tissues using nanocarriers deliver DNA/RNA to brain tumors under synchrotron radiation with the passage of time (Figure 1) [1-101]. Also, different computational simulations of human brain cancer cells and tissues translational Nano drugs delivery treatment process under synchrotron radiation with the passage of time was computationally investigated using Mathematica and MATLAB (Figure (2) [1-101]. It is clear that malignant human brain cancer cells and tissues have gradually transformed to benign human brain cancer cells and tissues under synchrotron radiation with the passage of time (Figures 1 and 2)) [1-101].

Citation: Heidari A. Therapeutic Nanomedicine Different High-Resolution Experimental Images and Computational Simulations for Human Brain Cancer Cells and Tissues Using Nanocarriers Deliver DNA/RNA to Brain Tumors under Synchrotron Radiation with the Passage of Time Using Mathematica and MATLAB. *Madridge J Nanotechnol Nanosci.* 2017; 2(1): 76-82.
doi: 10.18689/mjnn-1000114

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Published by Madridge Publishers



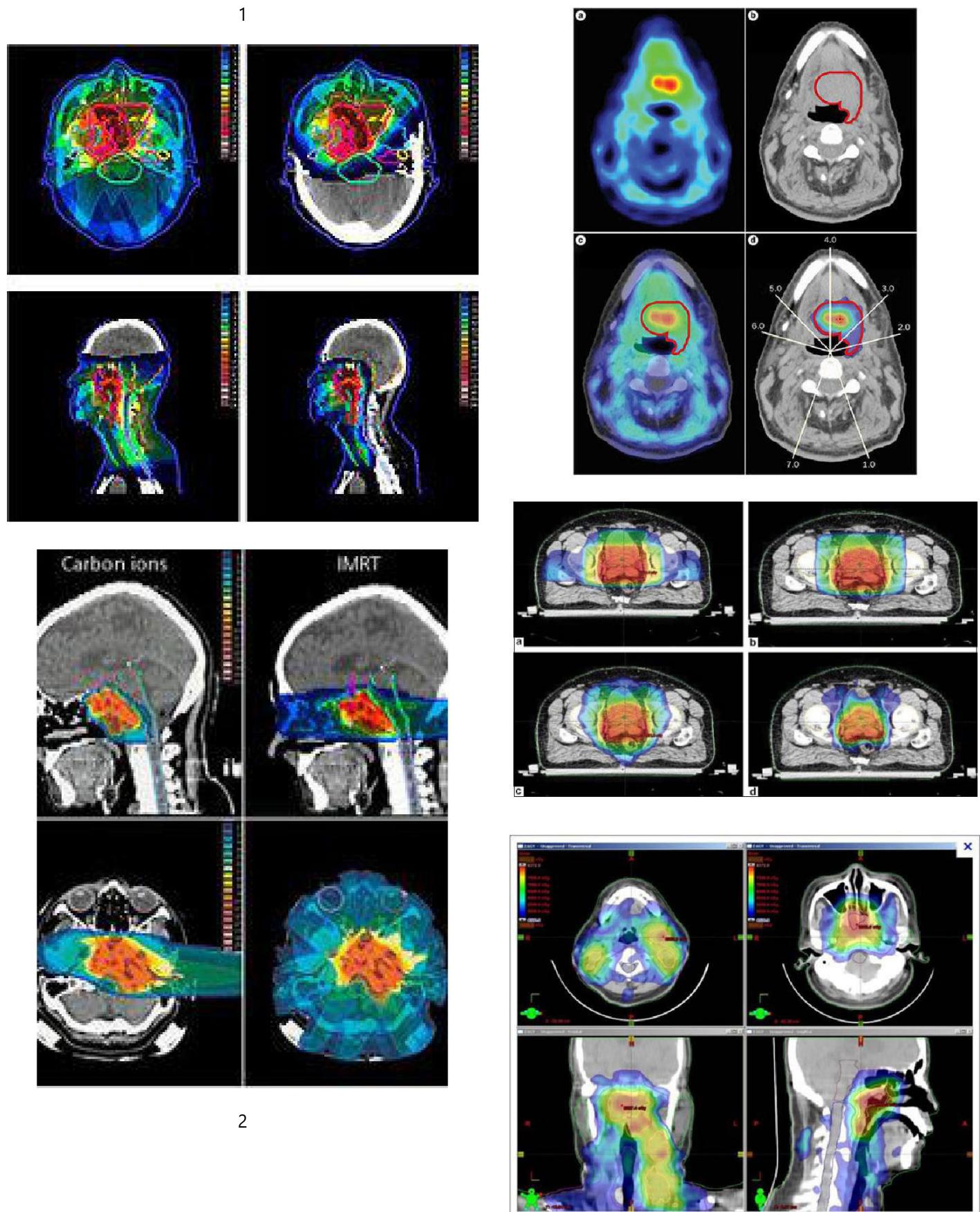
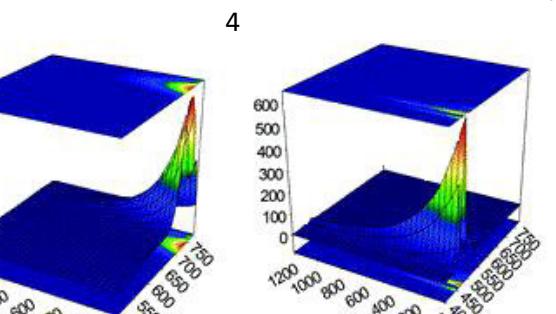
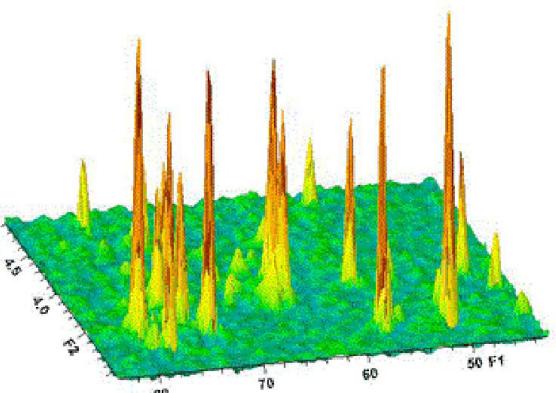
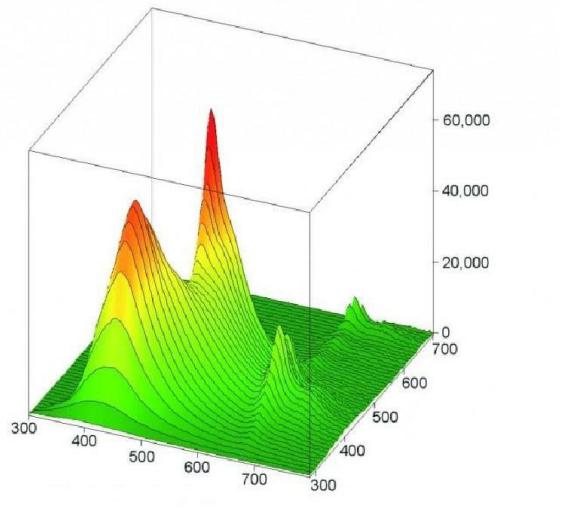


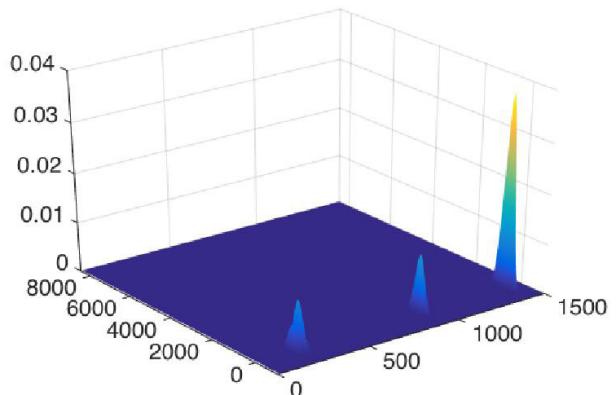
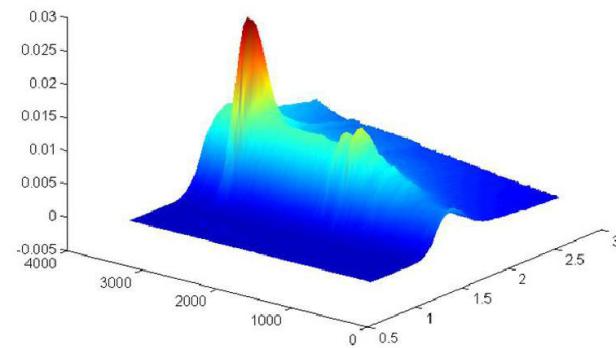
Figure 1. Experimental results of different high-resolution images of human brain cancer cells and tissues translational Nano drugs delivery treatment process under synchrotron radiation with the passage of time [1-101].

Furthermore, we have computationally simulated human brain cancer cells and tissues translational Nano drugs delivery treatment process under synchrotron radiation with the passage of time using Mathematica and MATLAB according to the following plots (Figure (2)) [1-101]:



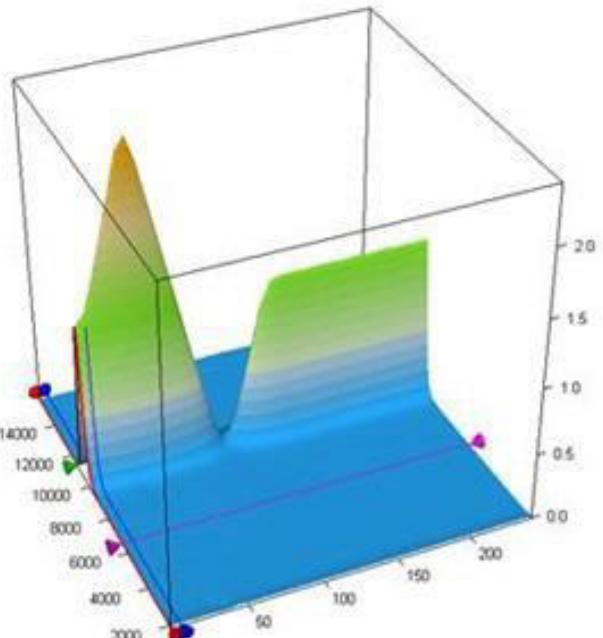
(a)

(b)



(c)

5



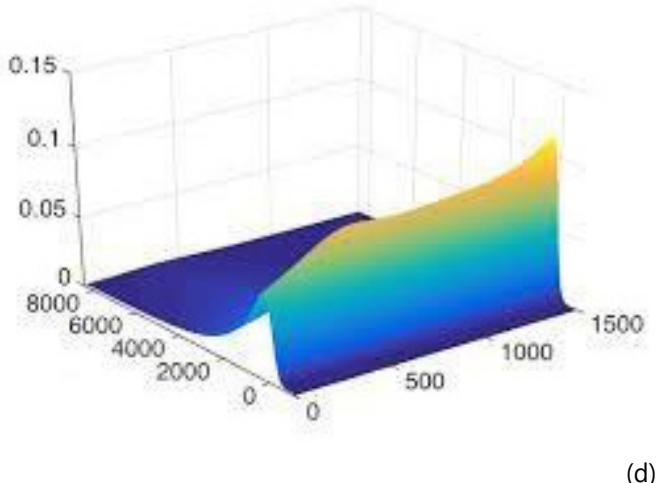


Figure 2. Different computational simulations of human brain cancer cells and tissues translational Nano drugs delivery treatment process under synchrotron radiation in therapeutic nanomedicine for human brain cancer cells and tissues using nanocarriers deliver DNA (top or left side plots) and RNA (down or right side plots) to brain tumors and (a) before irradiating of synchrotron radiation, after (b) 10 days, (c) 20 days and (d) 30 days irradiating of synchrotron radiation using Mathematica and MATLAB [1-101].

It can be concluded that malignant human brain cancer cells and tissues have gradually transformed to benign human brain cancer cells and tissues under synchrotron radiation with the passage of time (Figures 1 and 2) [1-101].

6

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