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# Deep–Level Transient Spectroscopy and X–Ray Photoelectron Spectroscopy (XPS) Comparative Study on Malignant and Benign Human Cancer Cells and Tissues with the Passage of Time under Synchrotron Radiation

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## Image Article

In the current study, we have experimentally and comparatively investigated and compared malignant human cancer cells and tissues before and after irradiating of synchrotron radiation using Deep–Level Transient Spectroscopy and X-Ray Photoelectron Spectroscopy (XPS) malignant human cancer cells and tissues have gradually transformed to benign human cancer cells and tissues under synchrotron radiation with the passage of time (Figure 1 & 2) [1–141].

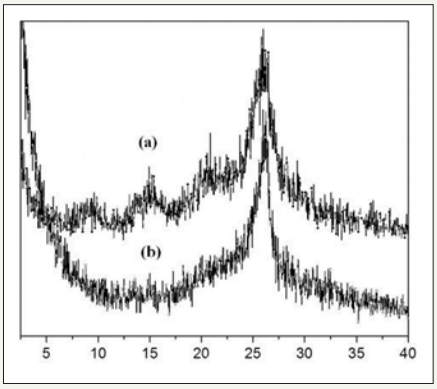


**Figure 1:** Deep-level transient spectroscopy analysis of malignant human cancer cells and tissues; 1a: before, 1b: after irradiating of synchrotron radiation in transformation process to benign human cancer cells and tissues with the passage of time [1–141].

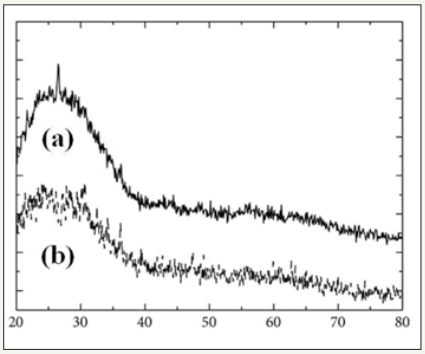


**Figure 2:** X-Ray Photoelectron Spectroscopy (XPS) analysis of malignant human cancer cells and tissues; 1a: before and 1b: after irradiating of synchrotron radiation in transformation process to benign human cancer cells and tissues with the passage of time [1–141].

## Conclusion

It can be concluded that malignant human cancer cells and tissues have gradually transformed to benign human cancer cells and tissues under synchrotron radiation with the passage of time (Figures 1 & 2) [1–141].

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