Genetic prognostication in uveal melanoma

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1. Combining the AJCC staging system and the chromosome 3 and 8q status improves prognostication in uveal melanoma.

2. Survival of patients with indolent subtypes of uveal melanoma is influenced by gender and the tumor's chromosome 8q status.

3. The chromosome constitution of irradiated tumor samples is not representative of the tumor's pre-radiotherapy genetic status.

4. The skewed expression of epigenetic regulator genes in uveal melanoma with an infaust prognosis indicates that studying epigenetics will substantially contribute to the unraveling of the biology of uveal melanoma.

5. Genetic typing is technically demanding and lethal abnormalities may be missed if the techniques applied lack sufficient resolution or if intratumoral genetic heterogeneity results in sampling error. *(A Eleuteri, Int J Biomed Eng Technol, 2012)*

6. Counterintuitively, pharmacological inhibitors of DNA repair/DNA damage response have considerable potential in treating various human diseases, particularly cancer. *(SP Jackson, Science, 2016)*

7. The growing interest in testing new therapies calls for a closer comparison of the available prognostic algorithms to select patients who might benefit from those therapies. *(N Amirouchenne-Angelozzi, Br J Cancer, 2015)*

8. The low burden of mutations found in UM explains the lower response to immunotherapies in UM, compared to other types of melanoma. *(H Helgadottir, Appl Clin Genet, 2016)*

9. We live on an island surrounded by a sea of ignorance. As our island of knowledge grows, so does the shore of our ignorance – *John Archibald Wheeler (Scientific American Vol. 267, 1992)*
   Interpretation: The more our knowledge increases, the more we realize what we do not yet know.

10. The more original a discovery, the more obvious it seems afterwards – *Arthur Koestler (The Act of Creation, 1970)*
    Interpretation: The most obvious is what we usually overlook.