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## Safety and efficacy of current emerging systemic therapies in Melanoma associated Tumours


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Melanoma tumours dissemination is the most frequent complication of skin cancer. New advances of technologies provide new tools for understanding and limit dissemination of malignant cells, but only limited studies was focused on brain metastases. One of the major obstacle in brain tumor prevention associated with malign melanoma is the genetic heterogeneity of the malignant cell. These cells display a key molecular supportive changes and targeting these changes we can develop safe and efficient strategies. In this study summarize the safety and efficacy of current emerging systemic therapies, especially targeted therapies and immunotherapies, for the treatment of central nervous system tumors, focusing on melanoma. The aim is to create a complete image regarding the therapeutic options available in order to implement personalized treatment for these patients.

### Speaker Biography

Mihai-Andrei Iordache was born on November 19, 1944. He received the M.S. and Ph.D. degrees in Electrical Engineering from the Politehnica University of Bucharest, Romania, in 1967 and 1977, respectively. From 1993 he is a Full Professor in the Electrical Department, Politehnica University of Bucharest, where he is working in the Electrical Engineering Fundamentals, Circuit Theory – methods, computing techniques, algorithms, optimization techniques, parameter estimations, and software tools for analysis and simulation, Graph Theory, Wireless Power Transfer Systems, and Topological Analysis. He is the author or coauthor of more than 300 journal papers (two of them published in Analog Integrated Circuits and Signal Processing, and in International Journal of Bifurcation and Chaos) and 30 books and monographs. From 1997 he is Doctoral Advisor at the Politehnica University of Bucharest. He was the recipient of the 2000 Romanian Academy Award and of the 2004 Romania Engineering Association. He is an IEEE member.

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