

POSUDEK OPONENTA HABILITAČNÍ PRÁCE

Masarykova univerzita

Uchazeč

MUDr. Tomáš Kazda, Ph.D.

Habilitační práce

Moderní trendy v personalizované radioterapii mozkových metastáz

Oponent

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Pracoviště oponenta,
instituce

Clatterbridge Cancer Centre NHS Foundation Trust & University of Liverpool

MUDr. Tomáš Kazda produced an excellent body of work with clear overall direction, a number of first author peer reviewed publications of original research and a number of high quality reviews dealing with brain irradiation.

The work has two principal strands

1. The use of modern MR techniques, particularly MRS as surrogate for assessment of tumour progression/pseudoprogression in glioblastoma and as a potential measure of neural cellularity and function with a focus on cognitive function.
2. The management of brain metastases with a focus on hippocampus sparing radiotherapy techniques and the potential risks in terms of missing disease, evaluation of treatment toxicity and evaluation of prognostic indices.

Entirely appropriately the research studies test prevalent beliefs in relation to the role of radiotherapy. Each individual study is carried out rigorously and stands on its own merit and provides preliminary information which can be used in future studies. This provides excellent momentum for an academic career and it is hoped that future work will lead to rigorous statistically sound studies to attempt to prove or disprove the various hypotheses.

Dotazy oponenta k obhajobě habilitační práce

While the work appropriately focuses on improving WBRT techniques what do you believe is the future of WBRT in general and hippocampus sparing WBRT at the time of increasing use of focal radiotherapy (SRS/fSRT etc.) and effective systemic therapies particularly targeted therapies and immunotherapy?

Závěr

Habilitační práce MUDr. Tomáše Kazdy PhD Moderní trendy v personalizované radioterapii Mozkových metastáz **splňuje** požadavky standardně kladené na habilitační práce v oboru Onkologie.

Liverpool dne 27/04/2020

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