

Towards uncovering polyomavirus-carrying human cancers

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PROPOSITIONS

Belonging to the thesis entitled

Towards Uncovering Polyomavirus-Carrying Human Cancers: Pathology and Implications for Tumorigenesis

By Faisal Mahdi Klufah

1. HPyV7 (and possibly other HPyVs) most likely indirectly contributes to hepatobiliary diseases. (This thesis)
2. HPyV7, HPyV6, and MCPyV are hepatotropic viruses. (This thesis)
3. The human polyomaviruses 6 and 7 are important putative candidates for contributing to the etiopathogenesis of cancers, including skin cancer. (This thesis)
4. BKPyV does not play a role in the oncogenesis of the majority of urothelial cell carcinoma of the bladder of immunocompetent patients. (This thesis)
5. HPyV reactivation is not restricted to immunosuppression.
6. Shedding light on the detection of novel human tumor viruses is an important opportunity for cancer research to promote novel prevention and therapeutic approaches. (Impact paragraph)
7. There is a global call to all researchers to elucidate if currently known viruses or still to be discovered are implicated in human tumorigenesis. (Impact paragraph)
8. “Epidemiological observations suggest that the global cancer incidence linked to infectious will increase in the future.” (adopted from *Harald zur Hausen*)
9. “I think that only daring speculation can lead us further and not accumulation of facts.” (*Albert Einstein*)
10. “In the fields of observation chance favours only the prepared mind.” (*Louis Pasteur*)