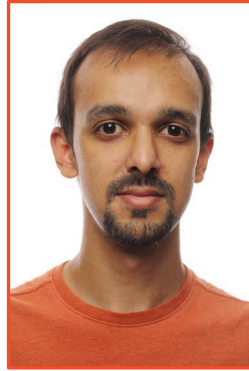


## Regular Wednesday IMG seminar



**Miroslav Stoyanov, M.Sc.**

**Laboratory of Cancer Cell Biology**

**“PPM1D activity promotes genome instability  
and cellular transformation”**

Protein phosphatase magnesium dependent 1 (PPM1D) is a negative regulator of the tumour suppressor p53 and is implicated in termination of DNA damage response. Increased PPM1D activity allows proliferation in the presence of DNA breaks caused by ionizing radiation or replication stress induced by expression of active RAS oncogene. Active PPM1D promotes cell growth in the soft agar and formation of tumours in nude mice confirming the oncogenic potential of PPM1D.

**The seminar will be held**

**on Wednesday 14<sup>th</sup> February 2024 at 15:00**

**in the Milan Hašek Auditorium at IMG**

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)

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