

PhD Position Available in the Laboratory of Cancer Biology



Department of Biology, Faculty of Medicine, Masaryk University Brno, to study:

Mechanisms regulating the function of oncoproteins MDM2 and MDMX in cancer cells

MDM2 and MDMX are important cellular regulators of the tumour suppressor p53 that are often over-expressed in cancer cells. We have shown recently that MDM2 and MDMX can directly cooperate in the regulation of p53 stability and we have also identified a novel functional domain required for their direct physical interaction (Uldrijan *et al.* 2007, *EMBO J* 26(1):102-120)

The successful candidate for the PhD studentship will study:

- MDM2-MDMX interactions and their regulation
- The role of the acidic and RING domains of MDM2 and MDMX using site-directed mutagenesis
- The function of newly identified protein binding partners for MDM2

The ideal candidate will be a highly motivated student interested in cancer biology with experience in cell culture and/or molecular biology techniques.

For more information or to apply please contact:

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