

## UNIVERZITA KARLOVA V PRAZE FARMACEUTICKÁ FAKULTA V HRADCI KRÁLOVÉ

Téma diplomové práce	Location and translocation of CTCF in distinct cell lines
Jméno studenta, studentky	Martina Kapalová
Jméno oponenta	Italo Tempera, Ph.D. The Wistar Institute, Philadelphia, PA, U.S.A.

## II. Posudek oponenta

The thesis of Kapalova deals on the distribution of CTCF in different cellular compartments. The subject is up to date and is included among studies on the expanding role of genomic spatial organization in the gene regulation.

The candidate attempts to demonstrate that CTCF occurs in poly(ADP-ribosylated) isoforms in distinct tumour cell lines and its localization is mainly in the nucleoli.

To achieve this goal the candidate has performed a correct experimental approach and the obtained data support the above mentioned aims.

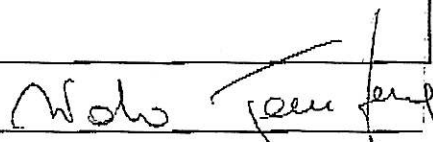
The thesis is very interesting, well written and contributes to understand how CTCF could play a role in epigenetic misregulation in tumour cells.

All considered, there are not so important concerns about the thesis of Kapalova.

The candidate showed that in treated Raji cells CTCF is localized on the nucleoli. On this matter, I would like to know if the candidate has any idea about the meaning of this translocation.

Navrhovaná klasifikace 2

V Hradci Králové dne May 22, 2008

  
Podpis oponenta diplomové práce