

Průběh obhajoby diplomové práce:

Ms. Markéta Absolonová - an overview of her master thesis given

Looking for a domain of CAM being involved in interaction
→ what?
The domain was indentified

- Introduction to cell signalling
- key player of cell signalling
↳ 2 proteins involved in the process of Ca^{2+} driven cell signalling
- CALMODULIN - Ca^{2+} binding protein
- CAM x STIM1 protein
- CAM vs ORAI1 protein

CAM + Orai1 interaction
Orai1

- Methods described - the cells she used and major methods including FRET - she explained the mechanism of the method
- Imaging analysis of interaction of CAM with STIM1 C-terminus
- Biotinylation method
- Microscopy

Body:

Klasifikace:

Excellent (=1)

Celková klasifikace:

Datum obhajoby:

15.11.14

takes place in cytosol

Jan Bouček
podpis předsedy

Celková klasifikace: Excellent (=1)

Hodnocení ústních zkoušek:

① ADVANCED BIOLOGY & BIOCHEMISTRY
Prof. L. Grubisic VERY GOOD (=2)

② BIOLOGICAL SIGNALLING
Prof. Dr. Romamin Excellent (=1)

③ ORGANIC CHEMISTRY
Dr. M. WASSER Excellent (=1)