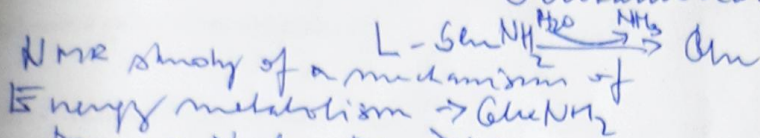


Průběh obhajoby diplomové práce:

Glutamine activity



Dynamic Nuclear Polarization

DNP polarizer - a tool of investigation of a path of Glu-ATP

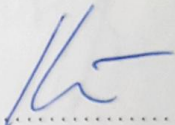
- 1/ ¹³C labeled GluNH₂ 2x (1-¹³C; 5-¹³C)
- 1/ Theoretical introductory to energy metabolism of cancer cells - very well.
- 2/ Description of experimental design of diploma thesis - very well.
 - ↳ explaining a search of optimal condition - playing with pH
- 3/ Interpretation of results and their discussion. Effect of relaxation between ¹³C- ; ¹⁵N-

Body:

Klasifikace:

Celková klasifikace:

Datum obhajoby:



.....
podpis předsedy

Hodnocení ústních zkoušek:

- | | Klasif. |
|--|---------|
| prof. Knörr: ① @ Thesis topics/questions (@ pH and its role) | 1 |
| ② Photochemistry 319: Fluorescence x Phosphorescence | 1 |
| ③ STRUCTURAL BIOPHYSICS 520 | |
| prof. N. Müller: 1/ source of polarization | |
| Microwave procedure of polarization | 2 |
| 2/ Biomolecular structure | |
| Main methods of modelling; approaches | |
| ④ ADVANCED BIOPHYSICS AND BIOLOGY 521 | |
| Lilou Antkoff: 1/ known fact in the cell | 3 |
| 2/ Lac operon | |