

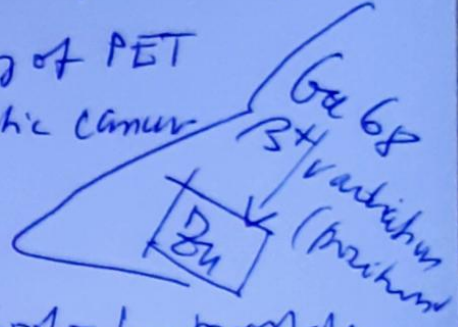
B. Martina Aistleitner gave an outline of the master thesis

Průběh obhajoby diplomové práce:

Optimization of synthesis and Work-up of Ga-68 PET

Positron Emission Tomography

1/ Introduction:
 Maschino updated a theory of PET
 Gallium-68 PET in prostatic cancer
 NETS and somatostatin



2/ Experimental conditions:
 DOTA detector → Ga-68

↳ creation of diagnostic tools for prostate cancer

3/ Aims of the thesis: optimize synthesis for ⁶⁸Ga-DOTA tracers

- labeling reaction → must be as short as possible, half life of Ga⁶⁸ is short

- validation of the quality: incl. stability; purity → include purity

4/ Methods:

MALDI

↳ peptide purity

peptide purity; EtOH precipitation

Body:

Klasifikace:

EXCELLENT (1)

Celková klasifikace:

Datum obhajoby:

16/XI/15

podpis předsedy

Hodnocení ústních zkoušek: