Jméno: **Joan Elorm Abla AHIABLE** Osobní číslo: **B13024**

Průběh obhajoby diplomové práce: 1/ Overview of the thesis (thesis are to parts)

2/ QCM principles - real time Acoustic sensor - mass adsorption

3/ Project aims : to functionalize biotin (strep) avidin system

4/ Exp. procedures - functionalization -, measurements :

Biotin-PEG$_8$

Characterization of the surface

5/ Results + Discussion

2nd part : Erythrocytes & AFM

→ AFM-principles

→ Erythrocytes : Red blood groups, Rh system, RhD-system

Exp. procedure - preparation of flat Ery ghosts

FS spectroscopy measurements

Questions : 1/ Rh factor - chemical features

2/ Flat ERY ghosts → how we know the membrane layer are properly oriented

Body:

Klasifikace: .....

Celková klasifikace: EXCELLENT

Datum obhajoby: 6/12/2016

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podpis předsedy

Hodnocení ústních zkoušek: