

# Academic Internship Preparation Course 2017

## Program

### *Tuesday May 30 (10:00-12:00)*

- Introduction
- Good Laboratory Practice (GLP) and Safety

### *Tuesday May 30 (14:00-16:00)*

- Guest lecturer: Dr. Ted Elenbaas
  - o "History, Ethnics, and Behavior"
- Communication with patients
  - o Professional attitude in a hospital setting

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### *Wednesday May 31 (10:00-12:00)*

- Assignment 1: Find the normal values for cytokines in literature.
- Preparation ELISA experiment. We will work in 3 parallel groups.

**Do bring your labcoat!**

### *Wednesday May 31 (14:00-16:00)*

- ELISA preparation continued (although we plan it to end at 16:00, it isn't over till it's over).

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### *Thursday June 1 (10:00-12:00)*

- ELISA experiment continued

### *Thursday June 1 (14:00-16:00)*

- Completion ELISA experiment
- Calculation of ELISA data
- Generation of standard curves

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### *Friday June 2 (10:00-12:00)*

- Data presentation of ELISA results (using Excel and Prism Graphpad)
- Basic statistics and calculations
- Assignment 2: Make lab protocol of Phosphate buffer

### *Friday June 2 (14:00-16:00)*

- Any other business
- Closure

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