

POST PRACTICAL COLLOQUIUM

PHARMACEUTICAL TECHNOLOGY AND BIOPHARMACY

Aim of Post practical colloquium

To encourage students to learn about all types of formulations in pharmacy and describe examples of technologies for preparation and control for each type of formulation as follows:

1. Powders
2. Liquid preparations for oral use (oral solutions, emulsions and suspensions; powders and granules for oral solutions and suspensions; oral drops; powders for oral drops; syrups; powders and granules for syrups.)
3. Semi-solid preparations for cutaneous application (ointments, creams, gels, pastes)
4. Rectal and vaginal preparations (suppositories and globules)
5. Granules and tablets (uncoated, coated, modified-release tablets), effervescent, lozenges and pastilles; capsules
6. Parenteral preparations (injections; infusions; concentrates for injections or infusions; powders for injections or infusions; gels for injections; implants)
7. Eye preparations (eye drops; eye lotions; powders for eye drops and powders for eye lotions; semi-solid eye preparations; ophthalmic inserts.)

Every student should present hand-written thesis (minimum 15 different formulations from all the above mentioned 7 groups).

The description of each formulation should be constructed as follows:

1. Composition (function of the each excipient used in the formulation)
2. Technological scheme (compounding procedure)
3. Control test applicable for the different type formulations

Students knowledge on the corresponding formulations will be checked by their tutor during **15-30.09.2013.**

Head of department:

/Prof. N.Lambov, PhD/

