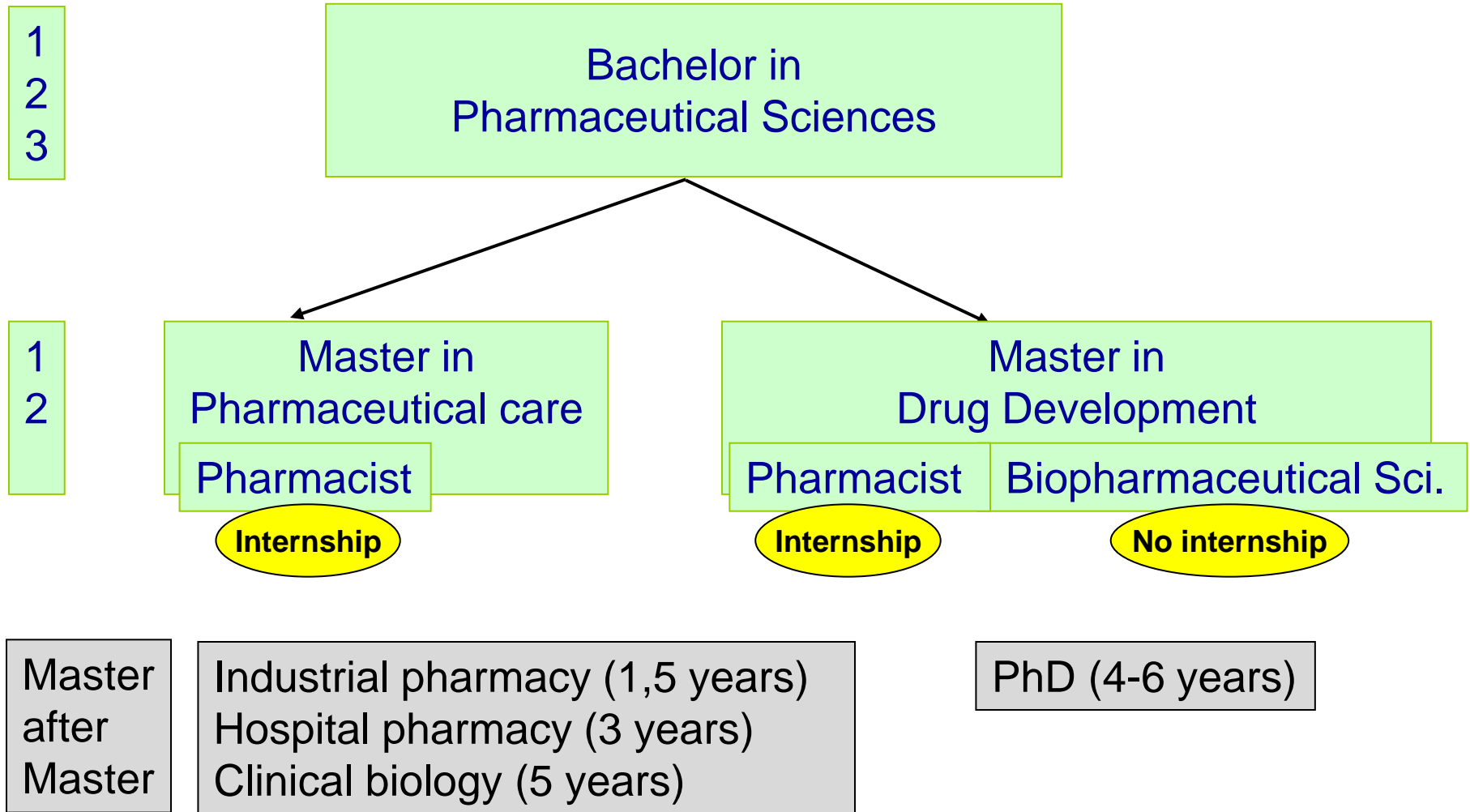


# ORGANIZING AN INTERNATIONAL BACHELOR TEST AS PART OF PHARMACY TRAINING



Paul Cos & Wim Martinet

# General overview of pharmacy training in Antwerp



# Structure of Bachelor test at UAntwerp

## 1st bachelor

### Bachelor test partim I: written communication on medicines (3 ECTS)

- Acquaintance with library and scientific databases
- How to search scientific literature
- Writing a popular-scientific article

## 2nd bachelor

### Bachelor test partim II: oral communication with patients (3 ECTS)

- Interview with 2 chronically ill patients
- Writing report
- Oral powerpoint presentation

## 3rd bachelor

### Bachelor test partim III: (international) internship (3 ECTS)

- Internships in several fields of the pharmacist
- Writing reports
- Oral powerpoint presentation

# Bachelor test partim III

## Common program



```
graph TD; A[Common program] --- B[National bachelor test]; A --- C[International bachelor test];
```

National  
bachelor test

International  
bachelor test

### Common program

- ½ day internship in hospital pharmacy
- ½ day internship in research/clinical lab
- 1 day internship in community pharmacy
- (optional) 3 days internship in pharma-industry

# Bachelor test partim III

## Common program

### National bachelor test

### International bachelor test

#### National bachelor test

- **4 days** internship in **community pharmacy**
- **Dutch** powerpoint presentation about pharmaceutical care



Excellent preparation for  
**Master in Pharmaceutical Care**

#### International bachelor test

- **5 days** internship **abroad**
- **English** powerpoint presentation about pharmaceutical research



Excellent preparation for  
**Master in drug development**

# Organisation international internship

## Step 1: Capture a suitable foreign location

### Criteria

- Easily accessible
- Affordable travel costs and accommodation
- Foreign university has a faculty of pharmaceutical sciences
- Possibility to visit a community pharmacy and/or hospital pharmacy
- Possibility to visit a pharmaceutical company or research institute

### Possible strategies

- Random writing of foreign pharmacy faculties
- Targeted contact with persons with whom a collaboration already exists
- Networking with international organizations (e.g. EAFP)



# Locations international internship

2011: Lyon



Host: Françoise Falson

2012: Utrecht



Host: Andries Koster

2013: Valencia



Host: Teresa Garrigues

2014: Milan



Host: Alberto Corsini

2015: Granada



Host: Louis Recalde

2016: Porto



Host: Natercia Teixeira

2017: Ljubljana



Host: Iztok Grabnar

2018: Athens



Host: Dimitrios Rekkas

# Organisation international internship

## Step 2: *Previsit* foreign location by teachers

### Aims

- First real acquaintance with the local host (and his entourage) on site
- Elaborate/align a program
- Making practical agreements regarding transport, student guidance, division into groups, time management etc.
- Exploration of faculty and city
- Evaluation of hotel

## Step 3: Scheduling international internship

Full week, preferably at the end of February or March



# Organisation international internship

## Step 4: Informing students

### Info session 1: at start of academic year

- General information about (international) internship

### Info session 2: at start of second semester

- Practical information about the departure
- Detailed overview of the program abroad
- Details about the hotel
- Information about poster and powerpoint presentation

# Organisation international internship

## Step 5: Giving assignments

**Group assignment: make English poster on pharmaceutical research**

Students prepare in group (5 people) an English poster about pharmaceutical research that is ongoing in one of the research laboratories of the faculty

**Individual assignment: Work out PPT presentation about chosen research topic**

Each student prepares an oral presentation about the chosen research topic (max. 10 minutes)

# Introductory lesson:

## ‘Giving academic presentations in English’

### Aim:

Providing tools to give presentations in English that radiate professionalism

### Themes:

- Content: *tips on selecting relevant content*
- Delivery: *tips for a professional delivery*
- Structure: *useful phrases and linking words*
- Visual aids and illustrations: *some tips, useful phrases and vocabulary*
- Dealing with questions: *tips on how to deal with questions from the audience*

In collaboration with the **coördinator Academic English**, UA-Linguapolis

### Coaching:

- To practice presentations just before departure abroad
- To give feedback on content, speaking style, building of slides and timing

# Program international internship

## Day 1: monday



- Departure in Antwerp
- Arrival abroad + check-in hotel
- Select five students for an oral presentation at the foreign faculty



# Program international internship

## Day 2: tuesday



### Visit to foreign faculty of Pharmaceutical Sciences

- Welcome by dean or local host
- Introduction to pharmacy education
- Information about Erasmus possibilities





Guided tour of the faculty



University of Ljubljana

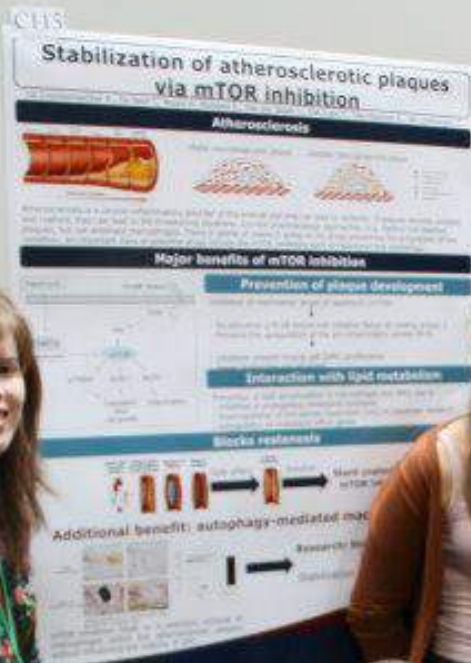




**Minisymposium:** presentations about scientific research at home university







Poster presentations  
about scientific research

University of Valencia





# Program international internship

## Day 3: wednesday

Visit hospital pharmacy



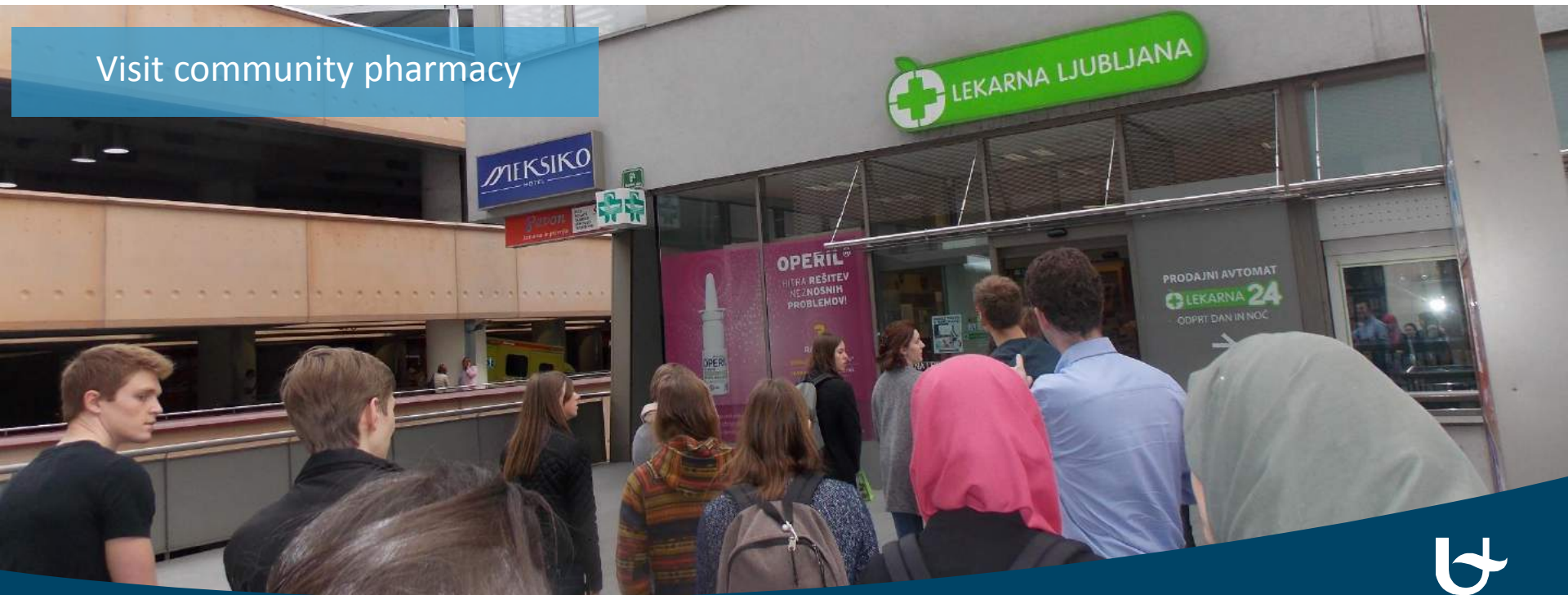
Sismanoglio-Amalia Fleming  
Hospital of Attica, Athens







Visit community pharmacy





# Program international internship

## Day 4: thursday

Visit pharmaceutical company



Bial, Trofa, Portugal

# Summary

## International bachelor test

- Unique concept in Europe
- '*Good practice*' within training in Pharmaceutical Sciences at UAntwerp
- Ground-breaking education at various levels

**Strength:** Teaching scientific and communication skills

**Weakness:** Group work with high dropout of students in 1st bachelor

**Opportunity:** Use of soft skills in future work area

**Threat:** Increasing number of students



# Call for novel destinations



Please contact us if you are willing to act as a local host

[Paul.cos@uantwerpen.be](mailto:Paul.cos@uantwerpen.be)  
[Wim.martinet@uantwerpen.be](mailto:Wim.martinet@uantwerpen.be)