UCLouvain

# wfari2100

*2025*

# Active molecules

The version you're consulting is not final. This course description may change. The final version will be published on 1st June.

| 4.00 credits | 30.0 h | Q1 and Q2 |
|---|---|---|

**This learning unit is not open to incoming exchange students!**

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| Language : | French |
| Place of the course | Bruxelles Woluwe |
| Prerequisites | Prerequisites: Master of Pharmacy courses |
| Main themes | The main themes are :<br>Substances issues de recherches pharmacochimiques, partim a FRANCOTTE Pierre (5h)<br>Substances issues de recherches pharmacochimiques, partim b DUFRASNE François (5h)<br>Substances issues des biotechnologies -VERMIJLEN David (15h)<br>Substances d'origine naturelle, partim a -LECLERCQ Joëlle (5h)<br>Substances d'origine naturelle, partim b - STEVIGNY Caroline (5h)<br>Produits radiopharmaceutiques- Zena WIMANA (10 h) |
| Learning outcomes | **At the end of this learning unit, the student is able to :**<br>1 The aim is to explain the different sources of our medicines and methodologies to search for new drugs from natural origin (plants or isolated active molecules), from biotechnology, from research in medicinal chemistry or radiopharmaceuticals |
| Evaluation methods | The examination for the module could be placed outside the official June session.<br>Students will be assessed by oral examination, with or without preparation, successively before a teacher or group of teachers from each part of the module. The examiners must include at least one teacher from each course. Course and examination materials will be in French or English.<br>In the event of a mark of less than 8/20 for one of the parts, the final mark will be the lowest mark obtained.<br>In the event of exceptional elements, the examination arrangements may be reviewed. |
| Teaching methods | ex-cathedra corses and personal works<br>Course notes are not compulsory and are available free of charge on Moodle. |
| Content | Each theme (drugs from natural or synthetic origin or radiopharmaceuticals) will be developed by a teacher or a group of teacher specialized in each domain from the three participating universities: UCL, ULg and ULB. Theoretical courses will be given on chosen examples and for some cases on a personal work of the students. Courses will be given on the three universities sites.<br>Parts and teachers from the three universities are:<br>-Substances obtained form pharmacochimic research, part a FRANCOTTE Pierre (5h)<br>-Substances obtained form pharmacochimic research, part b DUFRASNE François (5h)<br>-Substances from natural origin, part a -LECLERCQ Joëlle (5h)<br>-Substances from natural origin, part b –SEVIGNY Caroline (5h)<br>-Radiopharmaceuticals- Zena WIMANA (10 h) |
| Other infos | Prerequisite: course from the master in pharmaceutical sciences |
| Faculty or entity in charge | FARM |

## Programmes containing this learning unit (UE)

| Program title | Acronym | Credits | Prerequisite | Learning outcomes |
|---|---|---|---|---|
| Advanced Master in Industrial Pharmacy | FARI2MC | 4 | | |