



UC Leuven  
Limburg  
MOVING MINDS

**QUADRI**  
RESEARCH AND  
INNOVATION

with

**KU LEUVEN**

**CENTRE OF EXPERTISE**

**LAB<sub>4</sub>U**

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The research of the centre of expertise Lab<sub>4</sub>U within the group Management and Technology is closely linked with education, the work field and the needs of society. Its focus lies on **the integration of chemistry and industrial (bio)technology** through a multi-disciplinary approach and collaboration, which the (bio)chemical and the (bio)medical sectors also emphasise.

Specifically, Lab<sub>4</sub>U researches **how to develop, optimise and implement new technologies** in order to **intensify (bio)chemical and (bio)medical processes and augment their sustainability**. In order to do so, Lab<sub>4</sub>U concentrates on strategic research areas that offer room for the centre of expertise to grow to become a regional, social and political partner. The centre's final goal is always to achieve a maximal synergy between the chosen research areas, which are:

- **Process intensification and sustainable chemistry**, focusing on microreactors and acoustic energy.
- **Environmental Cleantech**, focusing on soil and water treatment and the valorisation of waste (and other) streams.
- **Bio(med)Tech**, focusing on red, white and green biotechnology.

Services, contract research and custom-made trainings are possible.

[www.ucll.be/lab4u](http://www.ucll.be/lab4u)



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