



International Academy  
Lille Hauts-de-France

# GLYCATION, MAILLARD REACTION & CARBAMYLATION

APPLICATIONS TO FOOD TECHNOLOGY,  
NUTRITION & HUMAN HEALTH

PRE-DOCTORAL SUMMER SCHOOL 5<sup>th</sup>-13<sup>th</sup> JULY 2021

ONLINE

France  
Excellence  
ÉCOLES D'ÉTÉ

## A strong scientific training

in line with top-tier research centres  
& leading experts in non-enzymatic post-translational protein modifications  
& their effects on health



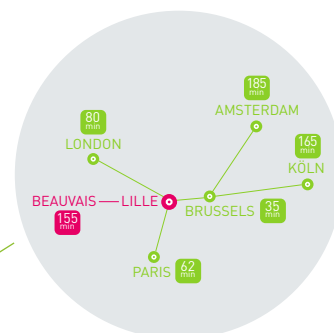
## A gate-opening pre-PhD programme

giving access to the French research community  
& making connections internationally



## Forward-looking higher education institutions

with high-standard on-campus accommodation  
& welcome services, great facilities & vibrant hall life



The strategic, most dynamic area in North-West Europe  
at the heart of a high-performance academic  
& economic hub that makes innovation a priority



## A young region, always on the move

lively, easy-living, with a rich history  
& heritage, centre of arts & cultures

## LEARNING, DISCOVERING & NETWORKING INTO YOUR PhD IN FRANCE

### PROGRAMME

Lille University School of Medicine,  
UniLaSalle Beauvais & International Academy

→ 40 hours taught in English

- \* Top scientific lectures with leading researchers in the fields of glycation, carbamylation, food quality, biology, health & longevity
- \* Introduction to research through a supervised project
- \* Peek into the French language & culture

→ Perspective to integrate a PhD in France

**Keywords:** Maillard Reaction, Glycation, Carbamylation, Health, Ageing, Longevity, Inflammation, Gut Flora, Immunity, Human Nutrition, Infant Nutrition & Health, Perinatal Programming, Allergies, Inflammatory Diseases, Food Processing, Ozone Treatment, Nutritional Loss & Organoleptic Changes During Food Processing, Aroma, Vitamins, Food Safety, Protein Digestibility, Neo-Formed Compounds, Caenorhabditis Elegans.

### Final Assessment

Certificate of Completion & 3 ECTS credits

### APPLICATION

#### Targeted Participants

Master & PhD students  
Professionals welcome

#### Admission Criteria

- \* Excellent academic results and in-depth knowledge in human health, biology or food chemistry
- \* Advanced English

#### Application

Application deadline: June 13<sup>th</sup> 2021  
Maximum number of participants: 30

### PROGRAMME FEES

#### For Master & PhD students

- \* Early Bird fee (applic. made until May 31<sup>st</sup>): 250€
- \* University of Lille or UniLaSalle student fee: 250€
- \* Standard fee (applic. made after May 31<sup>st</sup>): 450€

#### For professionals

- \* Standard fee: 650€

### CONTACT & APPLICATION

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