



TO MAGNIFICA RETTRICE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE \_\_\_\_7097\_\_\_\_

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di** \_\_\_\_Bioscienze\_\_\_\_

Scientist- in - charge: **\_Prof. Ricagno Stefano**\_\_\_\_\_

**Laure, Martine Gauthier-Manuel**

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Gauthier-Manuel
Name	Laure, Martine

### PRESENT OCCUPATION

Appointment	Structure
PhD student	Institute for Biophysics and Physical Biochemistry, Regensburg (DE), Supervised by Prof. Dr. Christine Ziegler

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	M.Sc. Molecular biology and biochemistry	Claude Bernard University, Lyon I, France	2020
Specialization			
PhD (Started in 2020 until now)	Secondary transporters: structure, function, and target in human diseases	University of Regensburg, Germany	
Master	Master "Structural and Functional biochemistry"	Claude Bernard University, Lyon I, France	2020
Degree of medical specialization			
Degree of European specialization			
Other			



## REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of	Association	City

## FOREIGN LANGUAGES

Languages	level of knowledge
French	Native
English	Fluent (spoken, written)
German	Intermediate
Italian	Fluent (spoken) Intermediate (written)

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

2023	Price for Best Poster "Brain in Flux conference" Gaia (PT)
2021	Price for Best talk European ITN meeting, Vienna (AU)
2020	PhD Scholarship Marie Skłodowska Curie "NeuroTrans" (grant agreement No. 860954)

## TRAINING OR RESEARCH ACTIVITY

<p><u>PhD Research activities (2020-Now):</u> Secondary transporters: structure, function, subcellular localization, role and target in human diseases.</p> <ul style="list-style-type: none"><li>• Protein expression in mammalian host and purification (affinity chromatography, SEC)</li><li>• Cell culture of bone metastasis from prostate cancer</li><li>• Negative Stain, transmission electron microscopy, vitrification, Cryo-EM data processing</li><li>• Electrophysiology/Two electrode voltage clamp</li><li>• Immunofluorescence microscopy (Epifluorescence and Confocal microscopy)</li></ul> <p><u>Courses and Workshop</u></p> <p>2024: Course on immunofluorescence microscopy and cryo-conservation</p> <p>2022: Workshop on scientific writing and course on two electrode voltage clamp</p> <p>2021: Workshop on good scientific practices</p>
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## PROJECT ACTIVITY



Year	Project
2020 (6 month for M.Sc.thesis)	Interaction of Tau protein with Biomimetic neuronal membranes (Dr. Sophie Lecomte, CBMN, Bordeaux, FR) <ul style="list-style-type: none"><li>• Expression/Purification of tau protein fragment and preparation of supported lipid bilayers</li><li>• ATR-FTIR, ThT fluorescence spectroscopy, transmission electron microscopy</li></ul>
2019 (Master internship)	Expression/Purification of intrinsically disordered Protein (Dr. Sonia Longhi, AFMB, Marseille, FR)
2019 (Master internship)	Purification and characterization of two protein fragments from the extracellular Matrix by circular dichroism (Prof. Sylvie Ricard Blum, ICBMS, Lyon, FR)

## PATENTS

Patent

## CONGRESSES AND SEMINARS

Date	Title	Place
2024	9th Murnau conference 4D structural Biology	Murnau, DE
2023	Brain in flux conference	Gaia, PT
2022	International Transmembrane Transporters society congress	Copenhagen, DK
2021, 2022, 2023	ITN annual meeting (in the frame of Neurotrans Marie Curie scholarship)	Vienna, AU (2021)/Lisbon, PT (2022)/Como, IT (2023)

## PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
A comparative review on the well-studied GAT1 and the understudied BGT1 in the brain, Front. Physiol. 2023 Apr 13, Bhatt M, Gauthier-Manuel L, Lazzarin E, Zerlotti R, Ziegler C, Bazzone A, Stockner T, Bossi E,
[title of the article, review, place, publishing house, year ...]
[title of the article, review, place, publishing house, year ...]

Congress proceedings
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[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

## OTHER INFORMATION

Teaching activities: Lecture for chemistry Master students; Supervision of Master, bachelor, internship students and practical courses.

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: \_\_\_\_Regensburg\_\_\_\_, \_\_\_\_05/02/2025\_\_\_\_