

# Matthieu ROULAND

YOUNG RESEARCHER · EXPERTISE IN DIABETES · SCIENTIFIC COMMUNICATION

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## Summary

Young and active scientist in the domain of Medicine and Life sciences (4 years of experience), I invest my time and studies in the exploration of trendy medical topics like immunology, diabetes and virology.

## Experience

 **Cochin Institute** *Paris*  
PROJECT LEAD AS YOUNG RESEARCHER 2018–(now)


- Leading and managing scientific projects.
- International scientific **writing and communication** experiences.
- Big-data production and analysis from preclinical and clinical sources with **bioinformatics-AI** and programming.
- **Collaboration** with Institut Pasteur, Institut Curie and international teams.

 **Institute for R&I in Biomedicine** *Rouen*  
INTERN. 2017–2018

- **Entirely designed** R&D approaches about nutriment and intestinal inflammatory diseases.
- Optimisation of **scientific protocols** to processing samples.

 **Conway Institute in UCD** *Dublin*  
INTERN. 2016–2017

- Writing and communication skills through an **international team** environment.
- **Preclinical to clinical** approaches in collaboration with St Vincent's hospital.

 **University Hospital of Rouen** *Rouen*  
INTERN. 2015–2016

- Research trainee in human **biotherapy** about oculopharyngeal muscular dystrophy.


## Education

 **University of Paris** *Paris*  
PHD IN IMMUNOLOGY/VIROLOGY OF DIABETES 2018–Now

- **International** scientific and technological watch.
- Training and dissemination of **scientific culture**.
- **Supervision of project** dedicated to R&D activities.

 **Normandie University of Rouen** *Rouen*  
MSC IN BIOMEDICAL 2016–2018

- Hands-on experience in **biomedical researches**, **publication edition** and efficient scientific **state of the art**.

 **Normandie University of Rouen** *Rouen*  
BSC IN BIOLOGY 2013–2016

- Understanding human body at molecular, cellular, organ and system levels, in **health and disease**, in the aim of biomedical sciences.

## Missions & Hackathon

- 2020 **Mediation specialist supported by Jamy Gourmaud**, Part-time mission of **scientific communication** towards children and teenager.
- 2019 **APP10 Congress Organisation**, EMBO congress with more than **250 international participants**, program, logistic, and technical monitoring.
- 2019 **Hackaton Healthcare by Lowpital**, 48h designed project focused on young physician in psychiatry.
- 2018 **Ethic animal council of Paris 5, Anima5 Expertise** mission provided by University of Paris.

## Volunteer & associations

 **Science shaker** *Paris*  
ACTIVE MEMBER & COMMUNICATION ADDICT 2019–Now

- Science Shakers is a **mediation project** whose ambition is to mix science culture, experiences and ideas.

 **Les Cartésiens** *Paris*  
ACTIVE MEMBER & COCHIN INSTITUT REPRESENTATIVE 2018–Now

- Parisian Dr. and futur Dr. association which organised **networking**, science **vulgarisation** and **career coaching**.

 **JeCCo - PhD society of Cochin** *Paris*  
PHD CANDIDATE REPRESENTATIVE OF COCHIN INSTITUTE 2018–Now

- Dynamic association fully integrated in the life of the institute with **scientific events**, **professional sessions** and **meetings with the general public**.

## Soft-skills & Courses

<b>Informatics</b>	Python, R, NGS, Pipeline design, Bash, Git
<b>Tools</b>	GraphPad, Zotero, Office, Sony Vegas
<b>Languages</b>	French, English, Japanese
<b>Ability</b>	Public speaking, problem solving, quick learning

### Courses

- Several **MOOC** courses: python, Healthcare, and AI.
- *In vivo* experimentation project design.
- Flowcytometry background and big-data management (SQL).

## About myself

<b>Personality</b>	Team-work, well-organised and curious
<b>Hobbies</b>	Taekwondo (3rd Keup), guitar-Jazz improvisation
<b>Creativity</b>	Video editing, aesthetics data visualisation