Lucienne Nouchikian

Research Scientist (biotech or pharma industry)

Over 6 years of experience in protein characterization using analytical biochemistry and mass spectrometry methods. Passionate about making science collaborative and integrative.

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Core business

PHASE 2 **Skill development**

During my studies, I have always looked at how to continue to advance my skills and gain new ones that will be beneficial in my field and future job prospects. Thus each stage of my studies has explored new projects and techniques. I have also relied on the expertise of collaborators in other fields to work with them on an interdisciplinray project. I have been able to master the techniques that I have learned so far as to train students and help them with their own projects.

PHASE 1 **Evaluation**

Publishing the work that I have completed in both my Master's and PhD has made me able to critically evaluate my results against those already published in the field and how they compare and how they can add extra value. Presenting my work at conferences and to collaborators allowed critical discussion of both my results and theirs, how they come together, and evaluate if they support the same conclusions or not.

PHASE 1 **Information management**

Writing an informative introduction chapter on the topic of the thesis required to dig deep into the literature of the topic and cross-referencing the data that has already been published to ensure it is either still relevant or to determine if the results supported the conclusions.

PHASE 2 **Expertise and methods**

my projects in my PhD involved lots of method development to improve on the protocol, data analysis, and results obtained. The methods were also applied to other systems from collaborators to both help them with their projects and to show the feasibility and applicability of the developed methods in my PhD. This involved understanding what I needed to improve upon and how and how it can benefit the collaborators and how it can be used in their projects. This led to two successful interdisciplinary projects where novel proteins and structures were discovered.

Personal and relational qualities

PHASE 2 **Communication**

I have presented at many national and international conferences with audiences that have different levels of expertise on my subject area. Thus I have had to be able to adapt the presentation of my topic depending on the audience and time of presentation. I have also published small and engaging communications on social media for a more public audience. I have also written and presented project proposals in both French and English.

PHASE 1 **Collaboration**

I have had many collaboration projects both cross-country and international. I have been able to create and maintain a network of people within the domain of mass spectrometry but also in other interdisciplinary areas through networking events.

PHASE 2 **Analysis, synthesis and critical thinking**