

The professional profile of PhD-holders

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Translational medicine, bioengineering

I am a research doctor who focus mainly on biomaterials and their applications in clinic. My major interest lies in hydrogel wound dressings and cardiovascular implant coatings.

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Core business

- PHASE 1** Skill development
- PHASE 1** Evaluation
- PHASE 1** Information management
- PHASE 1** Expertise and methods

Personal and relational qualities

- PHASE 1** Communication
- PHASE 1** Collaboration
- PHASE 1** Analysis, synthesis and critical thinking
- PHASE 1** Open-mindedness and creativity
- PHASE 1** Commitment
- PHASE 2** Integrity

During my PhD application, I received first the offer from INSERM and then from Institut Pasteur. The Pasteur offer was better in condition and in salaries, but I already gave oral commitment to INSERM a day before. Unfortunately, I could only choose one offer, either my own promise or better interest. I didn't sleep the whole night. The other day I wrote to the professor in Pasteur that I liked their offer very much but I couldn't break my promise. Although I faced many difficulties afterwards, I never regret my choice to honour my promise.

- PHASE 2** Balance
- PHASE 2** Listening and empathy
- PHASE 1** Negotiation

Business management and value creation

- PHASE 1** Project management
- PHASE 1** Managing change
- PHASE 1** Managing risks
- PHASE 2** Decision-making
- PHASE 1** Obtaining and managing funding

PHASE 1 People management

PHASE 1 Producing results

PHASE 1 Intellectual and industrial property

PHASE 1 Customer focus

Strategy and Leadership

PHASE 2 Strategy

In the beginning of my PhD thesis, I quickly found that the initial method in our plan is not secure enough after experiments and research. I had to deny my supervisor's idea and propose mine. So I did a lot of researching, and built two new strategies based on my knowledge of state-of-art techniques and presented them to the whole team. I also informed them the pros and cons of the two strategies, and we all agreed on one of it. Now we are doing well in research progress following one of my strategies.

PHASE 2 Leadership

In 2022, my former master supervisor was in severe health situation and I was forced to change my project to work in another team. I had to finish my new project in one year and a half with a publication with zero experience. I soon evaluated my situation and found a connection to a professor working in material science in my university. I asked for cooperation between my team and hers. I convinced my supervisor with our high chance to publish good articles working with her, which was his primary need. And for the professor, she lacked personnel to carry out project. She offered research idea and I carry it out, the results will be shared by both parties. The project finally led to one good publication and a patent.