

# Le profil professionnel des docteurs

**Francesca Romana Brugnoli**

## Biomedical engineering

Hello! I have a PhD in biomedical engineering and I am excited about collaborating with like-minded professionals who share my enthusiasm for teamwork, practicality, and analytical thinking.

brugnolifrancesca0@gmail.com

Francesca's profile : <https://www.linkedin.com/in/francesca-romana-brugnoli-3a22b914b/>

Thèse soutenue : Fri 6 Feb 2026 Medical University of Vienna Austria

### Cœur de métier

#### **PHASE 1 Développement des compétences**

During my industrial PhD, I collaborated with engineers in a company environment and biologists in academia. This experience taught me the importance of embracing diverse inputs and perspectives. The dynamic environment required to have different viewpoints and approaches to problem-solving. For example a microfluidic system was developed for a specific biological assay however from the company point of view we had to think about how to have a broader impact and generate interest for similar features: thinking in general features vs thinking in specific biological results.

### Gestion de l'activité et création de valeur

#### **PHASE 1 Gestion du changement**

During my PhD I changed supervisor three times and each of them could give me something different so I had to adapt with respect to the help and discussion I could have with my supervisor. I also went on secondment for 10 months completely changing environment and expertise of the people around me.

#### **PHASE 1 Management des personnes et des équipes**

During the PhD I was the point of reference for secondees that were using microfluidics for their projects. I learnt about their research and planned experiments with them

#### **PHASE 1 Orientation client**

The work of my thesis was strictly related to market study, during conferences I approached researchers that could be interested in microfluidics and talk to them about their project and needs. During my secondment at the Medical University of Vienna I was in contact with scientists from a different department that were interested in microfluidics.