MSCA-IF 2017 Testimony

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Research experience

• Formulation and in vitro evaluation of self-emulsifying systems using model drug Piroxicam (Bachelor’s thesis)
• Development and in vitro evaluation of a silicone based transdermal drug delivery system for antifungal drug Miconcazole (Master’s research project)
• Formulation and solidification of nanostructured lipid carriers using spray drying (Master’s thesis)
• Mesoporous Silicon Systems for Protein/Peptide-Based Diabetes Mellitus (PhD thesis)
• Oral nanomedicine for peptide delivery (7FP EU Project, TRANSINT)
• ColoFILM (MSCA-IF)
First Steps

• **To find a research group and contact the Professor**
  
  Prof. Veronique Preat
  
  Advanced Drug Delivery and Biomaterials Research group
  
  Louvain Drug Research Institute, UCL

• **Define a research project**
  
  • Innovative
  
  • Employ both your strengths and of the research lab

  ‘Combining something you learnt from your past research experiences with the expertise of the new research lab and the professor’

• **Attend MSCA-IF introduction seminar**
Some tips (General)

• READ THE GUIDE FOR APPLICANTS—2..3..4..times
• Always keep the guide for applicants handy
• Some very nice hints and helpful notes in internet
• List of publications: Explain your contribution
• Take break in between drafts
• Read and revise
• Ask help from colleagues
Key remarks: Excellence (4.70 out of 5.00)

**Strengths**
- Very good collaborative proposal
- Well described research hypotheses and the objectives
- Highly multidisciplinary
- Very good quality individual mentoring and research based training.
- Scientific qualifications, the experience and the eminent national and international collaborations of the supervisor and the hosting team match

**Weakness**
- No gender dimensions
Key remarks: Impact (5.00 out of 5.00)

**Strengths**
- Building up of a collaborative network
- The proposed measures for the dissemination and exploitation of the research outcomes are excellent
- Proposed strategies to provide targeted information to multiple audiences via social media, visits for school and university students and public engagement are carefully prepared and of excellent quality.

**Weakness**
- No major shortcomings.
Key remarks: Implementation (4.50 out of 5.00)

**Strengths**

- Realistic workplan, deliverables and milestones
- Contribution of the members of the host team to the proposed research is described in various parts of the proposal.
- Appropriate and very good quality management measures
- The risks associated with the proposed research are identified and contingency plans are described.

**Weakness**

- Insufficient information in Gantt chart.
- Measures for effectively coordinating and mastering this highly collaborative and multidisciplinary program are not sufficiently