



TRANSFUSION INTERREGIONALE CRS  
INTERREGIONALE BLUTSPENDE SRK

**Interregional Blood Transfusion SRC Ltd provides blood products and services in transfusion medicine to our customers and patients in three Swiss regions (Berne, Vaud and Wallis). The key competences of our 350 collaborators go from blood collection to blood product delivery through laboratory diagnosis and services in transfusion medicine.**

In our mission to improve the storage of platelets, we are looking for a (since January 2020, for a 4-year contract):

## PhD student (m/f)

**100 %**

From chemistry to medicine through biochemistry and biology, our goals are to bring blood products knowledge from blood collection from donors to transfusion to patients, in order to improve the quality of blood transfusion.

### About the role :

This project has the dual-objective of (i) studying and characterizing in vitro biochemical and biological modifications, and (ii) developing products for a clinical study on healthy volunteers. Your project will be articulated around two main axes as follows:

- Preparation and validation of labeled platelet concentrates following good manufacture practices;
- Study of metabolism, proteins and platelet functions during the storage.

### About you :

- Graduated from a Master in biology, biochemistry or biological engineering
- Familiar with the basic techniques in a laboratory
- Hard skills in LC-MS, protein analysis and omic sciences as well as flow cytometry
- Knowledge in good manufacture practices and working in laminar flow is an asset

### About us

We are offering a PhD internship linked to the University of Lausanne and to the Lausanne University Hospital, highly interesting, with diverse activities in a modern environment.

Do you want to be part of a humanitarian tradition and shape the future with us? We look forward to receiving your complete application by 01.15.2020! For further information, please contact Mr Michel Prudent (Tel. 021 333 16 70), Head of Research and Development Products.

### Transfusion Interrégionale CRS SA

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