

University of Cologne Summer School 2017 on Stem Cells and use of Animals in Research



University
Hospital Cologne
International



03 - 16 September 2017
University Hospital Cologne
GERMANY

TOPIC:

Stem Cells and use of Animals in Research

TABLE OF CONTENTS

- Summary and Objectives
- Who is the Summer School for?
- Scientific program
- How to apply?
- Application deadline and selection
- Course venue
- Coordinators

SUMMARY

The purpose of this Summer school Program is to present basic facts and principles that are essential for stem cells use, care of animals and for the quality of research. Specifically, we will provide comprehensive and sophisticated training and state-of-the-art methods on use of stem cells in research, cellular, molecular and developmental biological principles as well as use of animals for advancing cell therapy and understanding human development and disease. By fostering curiosity on how stem cells can be harvested and manipulated to become different types of cells, which can be used in research and medicine or basic and medical research, the course seeks to encourage students' future pursuit of a master or doctoral education at the University of Cologne (UoC) in Germany or others institutions in Cameroon. The school also aims at improving cultural exchanges between participants from Germany and Cameroon.

OBJECTIVES

The main objectives of the Summer School are:

- provide knowledge and improve relations of individuals interested in Stem cell research and the ethics of using animals in research
- share the UoC experiences among participants
- provide basic concepts of animal handling technique
- provide basic skills required for mammalian tissue and cell cultures
- Provide opportunities to meet face-to-face with individual members of the expert scientists, and other healthcare professionals from the UoC
- Open up a broader perspective on the issues necessary for implementation of research findings in medical practice
- Promote networking between young scientists

WHO IS THE SUMMER SCHOOL FOR?

This summer school which is not a compulsory excursion is open to students from the University of Cologne and research institutions in Cameroon with at least a Bachelor's or Master's degree or equivalent in one of the biomedical sciences, cell biology or related fields. Very good university certificates (Bachelor or master with **at least fairly good grades**) are required. The course is also open to students of the medical faculty of the University of Cologne who have completed at least **5 semesters** their study.

Note:

- Applicants must not be more than **30 years** of age by January 01, 2017 and able to understand, speak and write **fluent English**.
- All selected Doctorate participants bring a short description of their research project, which will be presented during the Summer School program.

SCIENTIFIC PROGRAM

One special subject course per week made of: plenary course; practical sessions and evening talks. Moreover, in addition to evening city tour, get together social events will be organized during the week with the intension not only to promote friendship and harmony but also to enrich the exchange of culture between participants.

For this summer school, social "get together" Activities planned are:

- guided tour of Cologne including Cologne Cathedral and a visit to the famous Chocolate museum
- visit to Brühl's castle gardens (World Heritage Site)
- boat trip on the Rhine
- visit to one of the big international companies in Köln

HOW TO APPLY?

To participate in the summer school **please send your application per email as PDF file** to

Dr. Christiane Schrader-Wille
 Acting Head ZIB Med
 Centre for International Relations of the Faculty of Medicine, University of Cologne
christiane.schrader-wille@uk-koeln.de

with subject: **Application for UoC2017-SCAR** and following document:

For Students of the University of Dschang

1. Motivation letter with two academic references
2. A brief CV stating your educational background.
3. Proof of enrollment into master or doctoral degree programs
4. Bachelor's or Master's Degree Transcript
5. Title and abstract (max 300 words) of our dissertation project

For Students of the University of Cologne

1. Motivation letter
2. A brief CV stating your educational background.
3. Proof of enrollment into master or doctoral degree programs or at the Medical faculty (at least **5 semesters** of study).

APPLICATION ION DEADLINE AND SELECTION PROCESS

Applications would be submitted no later than **31 July 2017**.

The Summer School 2017 has a limited number of places. Women are explicitly encouraged to apply. Only applications written in **English** will be accepted for evaluation.

The selection process will start directly after and if you are selected, we will inform you **by end-July**.

No tuition fees have to be paid by students from partner Universities of Cameroon who will be selected by the selection committee

COURSE VENUE

Medical School University of Cologne
MTI-Physiology (Building 44b),
Joseph-Stelzmann-Str. 9

COURSE COORDINATORS:

1. Dr. Filomain Nguemo
Principal Investigator
Center for Physiology and Pathophysiology
Medical School University of Cologne
Robert-Koch Str. 39
D-50931 Cologne
Tel.: +49(0)221 478 6940
Email: filo.nguemo@uni-koeln.de
2. Dr. Christiane Schrader-Wille
Acting Head ZIB Med
Centre for International Relations of the Faculty of Medicine, University of Cologne
Joseph-Stelzmann-Str. 20

D – 50931 Köln

Telefon: +49 221 478 32361

Email: christiane.schrader-wille@uk-koeln.de

3. Dr. Benjamin Köckemann

Head of ZIB Med

Centre for International Relations of the Faculty of Medicine, University of Cologne

Joseph-Stelzmann-Str. 20

D – 50931 Köln

Telefon: +49 221 478 6664

Email: benjamin.koeckemann@uk-koeln.de

For further information, please check this website:

<http://physiologie.uni-koeln.de/23036.html>