

2016 SPINE Summer School

Genomics and Science of Symptom Management


 Swiss PhD Platform In
 Nursing Science Education

Managing adverse symptoms is vital to improving the quality of life of patients with acute and chronic illness. The **Science of Symptom Management** is dedicated to improving understanding of the underlying biological mechanisms of **common symptoms for which patients usually seek medical care**, such as pain, depression, sleep disturbance etc., their effects on patients and family caregivers, and the biological and behavioral bases for responses to therapeutic interventions.

The Summer School “Genomics and Science of Symptom Management” is a training course offered by **SPINE**. The course provides the opportunity to doctoral students, post-doctoral fellows, junior faculty, and senior investigators with limited experience in research in genomics and symptom management to develop and further advance their understanding in this area. The course will be taught in **English**.

Please join us for an exciting 5-day Summer Course in Basel with



Dr. Christine Miaskowski, PhD, RN, FAAN
 Professor and Associate Dean
 University of California San Francisco (UCSF) School of Nursing



Dr. Yvette Conley, PhD
 Professor and Vice Chair for Research
 University of Pittsburg School of Nursing



Prof. Vincent Mooser, MD
 Faculty of Biology and Medicine, University of Lausanne
 Head of Service and Biomedicine Laboratory Department, CHUV

Maria C. Katapodi, PhD, RN , FAAN
 Professor UNIBAS
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Anne-Sylvie Ramelet, PhD, RSCN, ICU cert.
 Professor and Director IUFRS
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**Save the dates:
 Aug 29th to
 Sept 2nd 2016,
 University of
 Basel**

2016 SPINE Summer School

Genomics and Science of Symptom Management

August 29 to September 2, 2016
Basel, Switzerland

Genomic research provides new insights into disease management and the basis for advancing personalized medicine. Yet, there is lack of translation of these discoveries into clinical practice.

The **science of symptom management** aims to improve our understanding of the underlying mechanisms of common symptoms for which patients usually seek medical care, e.g., pain, fatigue, anxiety, sleep disturbance etc., their effects on patients and family caregivers, and the biological and behavioral bases for responses to therapeutic interventions. Developing better ways to manage adverse symptoms is vital to improving the quality of life of patients with acute and chronic illness.

The summer school “Genomics and Science of Symptom Management” is a training course offered by the Swiss PhD Platform In Nursing Science Education (SPINE). This week-long course offers the opportunity to doctoral students, post-doctoral fellows, junior faculty, and senior investigators with limited experience in genetics, genomics, and symptom management research to develop and further advance their understanding in this field.

The course will be taught in English.

Registration Deadline is June 15th 2016

SPINE Directors

Nursing Science, University of Basel:
Maria C. Katapodi, PhD, RN, FAAN
Professor
maria.katapodi@unibas.ch

Institute of Higher Education and Research in
Healthcare - IUFRS, University of Lausanne:
Anne-Sylvie Ramelet, PhD, RSCN, ICU cert.
Professor and Director IUFRS
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INVITED SPEAKERS

Dr. Christine Miaskowski, PhD, RN, FAAN

Professor and Associate Dean
Physiological Nursing Department
University of California San Francisco (UCSF)
San Francisco, CA USA.

Dr. Miaskowski is an internationally known nurse expert in pain and symptom management. Her research aims at identifying phenotypic and genotypic characteristics that place patients at highest risk for deleterious symptoms that occur as a result of cancer and its treatment.



Dr. Yvette Conley, PhD

Professor and Vice Chair for Research
School of Nursing
University of Pittsburgh
Pittsburgh, PN USA.

Dr. Conley is a geneticist involved in several international research projects. She focuses on genomic and epigenomic studies of patient outcomes after stroke and traumatic brain injury, therapeutic interventions for cancer, and genomic studies of age-related macular degeneration.



Prof. Vincent Mooser, MD

Faculty of Biology and Medicine, University of Lausanne
Head of Service and Biomedicine Laboratory Department, CHUV

Vincent Mooser, MD is the principal investigator of the Lausanne Institutional Biobank and the Swiss Biobanking Platform. His major objective is to build up and exploit innovative infrastructures to catalyze clinical research and bring innovation to benefit the society and the patients.



COURSE DESCRIPTION

At the end of the course participants will be familiar with concepts related to symptom management research e.g., symptom clusters. The course will cover basic and advanced genomic concepts e.g., modes of inheritance and gene expression, and common approaches in genomic research e.g., methods for genetic association studies (GWAS). Participants will have the opportunity to practice specific skills e.g., read outputs of statistical analyses related to symptoms reported from patients with acute and chronic conditions. The course will also cover common methods for collecting genomic data and will present resources that can help with interpretation of findings. Findings from genomic research studies will be placed in the context of clinical care e.g., differences in symptom burden and quality of life, genetic variation and unfavorable patient outcomes, symptom clusters etc.

Instruction will involve lectures and group work. Participants are required to bring all preparatory material and their laptops with access to common statistical programs for data analyses e.g., SPSS.

Dates

Monday August 29th to Friday September 2nd 2016

Location

Alte Universität
Hörsaal 101 & Seminarraum 201
Rheinsprung 9
CH-4051 - Basel
Switzerland

Schedule

Morning seminar: 9:00 – 12:00
Afternoon seminar: 13:30 – 16:30

Time Commitment and Credits

6 hours of lecture/ seminar per day
3 hours preparation per day
2 ECTS

Target Group and Eligibility

Doctoral students and post-doctoral fellows, faculty members and researchers from all healthcare disciplines interested in genomic research and in advancing the science of symptom management.

Participants should have successfully completed graduate level courses in research methodology and be familiar with health research concepts. The course will demonstrate new paradigms to understand and manage common symptoms and symptom clusters, by combining genomics, nursing science, public health, medicine and statistics. Advanced knowledge in at least one of these disciplines is required.

Registration – Deadline June 15th 2016

- Application Form – online – <https://flexiform2.unibas.ch/formular.cfm?EID=9048>
- Recent CV (2 pages max)
- Copy of higher degree or letter from PhD supervisor

Course Fees*

- PhD students affiliated with SPINE (INS, UNIL) and PPHS: Free
- PhD students not affiliated with SPINE or PPHS**: CHF 900
- Post-doctoral fellows: CHF 900
- INS- and UNIL Alumni: CHF 900
- Other participants: CHF 1400

*The course fee includes course materials and refreshments during coffee breaks. Participation fees do not include accommodation and travel expenses. Students are expected to make their own accommodation arrangements as necessary. Registration is conditional upon full payment of fees.

**To qualify for the PhD fee, applicants are required to submit a letter from their supervisor stating their actual position as a doctoral student or postdoctoral fellow.

Payment of fees is due within 3 weeks of notification of acceptance and should be received at the latest by July 15th 2016.

In Swiss Francs

Bank: Basler Kantonalbank, CH-4002
Bank Code Number: 770
Bank Account number: 16.0.550.470.91
SWIFT: BKBBCHBBXXX
IBAN: CH29 0077 0016 0550 47091
Remark: dmx2291 – Name participant

In Euro

Bank: Basler Kantonalbank, CH-4002
Bank Code Number: 770
Bank Account Number: 16.0.630.611.23
SWIFT: BKBBCHBBXXX
IBAN: CH35 0077 0016 0630 61123
Remark: dmx2291 – Name participant

In US Dollars

Bank: Basler Kantonalbank, CH-4002
Bank Code Number: 770
Bank account number: 16.0.609.815.22
SWIFT: BKBBCHBBXXX
IBAN: CH36 0077 0016 0609 81522
Remark: dmx2291 – Name participant

Terms, Conditions, and Cancellation Policy

- Seating is limited to 40 participants. All participants must commit to attending the full-time 5 day course. Applicants are selected on a first come first serve basis. Only complete applications are considered. Notification of acceptance will be emailed within 3 weeks of the closing date.
- In case of cancellation, a written notification must be sent. A service fee of CHF 50 will be charged. Refund will no longer be possible after July 15th 2016.
- The organization does not accept liability for personal injuries or for loss or damage to property belonging to participants sustained either during or as result of the course. The organization reserves the right to make minor program modifications, decline applications, or cancel the course in case of insufficient registrations at the closing date.

Contacts and Questions

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BASEL



There is a lot to discover in Basel. Among 40 museums, opera, ballet, and the theater there are numerous performances to attend. There are many parks and recreation areas, a wide range of restaurants and bars and unlimited shopping! And Basel may love its traditions, but it is also curious, adventurous and happy to try new things. Many modern buildings by renowned international architects create an interesting contrast to the medieval buildings in the historic old town center with its romantic courtyards and winding alleys. People in Basel know how to enjoy life, and every summer the banks of the river Rhine are bustling with life. If you long for a quieter spot, jump on a ferry, a riverboat or a tram that will take you out to nature in no time.

<http://www.basel.ch/en/tourismus.htm>

Accommodations

Hotels: www.basel.com/en.cfm/uebernachtungen
Bed & breakfast: www.b&bbasel.ch
Youth hostel: <http://www.youthhostel.ch/en>
Backpack: <http://baselbackpack.com/>
University Life <http://www.unibas.ch>

Touristic Activities

www.myswitzerland.com/en/home.html
www.basel.com/de/welcome.cfm
www.swissuniversity.ch/tourism-points-of-interest.htm