

5TH INTERNATIONAL MULTIDISCIPLINARY PAEDIATRIC & NEONATAL ACUTE & CRITICAL CARE RESEARCH SCHOOL



January 19-21, 2023

Lausanne, Switzerland

All taught sessions will use practical examples from the lecturer's research expertise and cover aspects such as physiology, interventions (drugs, devices), and data science.

THE RESEARCH SCHOOL

This two-and-a-half program aims to build research methods knowledge and research capacity by promoting future collaboration and networking between multidisciplinary healthcare professionals working in paediatric and neonatal acute and critical care.

Lectures, workshops, and discussions are led by established professorial faculty with many years of experience in paediatric critical care.

The course is intended for all clinicians and researchers (physicians, nurses, allied health providers, psychologists, and others) interested in clinical research and evidence-based practice in paediatric and neonatal acute and critical care.

The programme provides:

- Opportunities for participants to discuss their projects/ideas in safe and facilitated peer group discussions.
- Keynote plenary lectures, followed by optional choices guided by the participants' level of existing knowledge and interests. Three tracks are proposed A) Roadmap for conducting clinical research, B) Advanced methods and C) Building Up a research career.
- Various research methodological approaches to answer innovative clinical issues questions.
- Networking opportunities with people who share similar passions and interests
- To build national, European, and international research collaborations in the paediatric & neonatal fields
- To create networks of early career and senior researchers in these fields (PICU and NICU)

In addition to the 2-day educational programme, a half-day Research exchange workshop will be offered to allow clinicians and researchers to share research expertise and discuss the progress of ongoing specific collaborative research projects as well as potential future projects and collaboration in a collegial and multidisciplinary discussion forum. This year nutrition and PICU long-term outcome research will be the focus of this half-day.

IN DETAIL

FOCUS

This Research School will address various research methodologies and provide opportunities to create networks of early career and senior researchers with experts and colleagues and build national, European, and international research collaborations in paediatric & neonatal acute and critical care.

INTENDED FOR

All clinicians and researchers (physicians, nurses, allied health providers, psychologists, and others) interested in clinical research and evidence-based practice in paediatric and neonatal acute and critical care.

LOCATION

This in-person Research School will take place in Lausanne University Hospital, Lausanne, Switzerland.

COST

EARLY RATE until November 15, 2022: 220€ for ESPNIC members and 290€ for non-ESPNIC members.

REGULAR RATE until January 10, 2023: 240€ for ESPNIC members and 310€ for non-ESPNIC members.

The fee covers participation in the two-day programme, half-day workshop, the dinner on Thursday night, lunches, and coffee breaks during School.

APPLICATIONS

Click the link below to submit your application and pay for your seat.

Once you register, you will receive an automated email of confirmation.



MEET THE CORE FACULTY TEAM



PROF ANNE-SYLVIE RAMELET

Switzerland

Anne-Sylvie Ramelet, RN, RSCN is a Full Professor and Head of the PhD in nursing sciences programme at the Institute of Higher Education and Research in Healthcare - IUFRS of the Faculty of Biology and Medicine at the University of Lausanne, Switzerland. She is also a Nurse Consultant for Paediatric Nursing Research at the Department of woman, mother and child at the University Hospital of Lausanne - CHUV, Switzerland. Prior to her academic career, she worked as a registered nurse in neonatal, paediatric and adult intensive care for more than 15 years mainly in Australia, but also in Switzerland.



PROF JOS M. LATOUR

UK

Jos Latour is a professor in clinical nursing at the University of Plymouth (UK) and a professor in paediatric nursing at Hunan Children's Hospital, Changsha (China). Jos has been an intensive care nurse for over 30 years. His clinical post is based at the Musgrove Park Hospital in Taunton in the UK where he is the director of the Clinical School aiming to drive research forward with clinical staff. The research programmes of Jos are related to patient and family-centred care, end-of-life, emergency and sepsis.



PROF LYVONNE N TUME

UK

Professor Tume is Professor of Critical Care Nursing at Edge Hill University. She holds an honorary clinical and research contract in PICU at Alder Hey Children's Hospital. She is the editor of Nursing in Critical Care and on the editorial board for Pediatric Critical Care Medicine. She is a PICU nurse with over 25 years' experience both in Australia and in the UK (dual British and Australian citizenship) and continues to maintain some clinical practice. She has over 100 peer-reviewed publications and has held several NIHR research grants, including chief investigator for a multicentre trial, one of the few nurses to have led a trial of this size and one of only two in intensive care.

MEET THE CORE FACULTY TEAM



PROF LUREGN SCHLAPBACH

Switzerland

Luregn Schlapbach is Head of the 41-bed multidisciplinary Pediatric and Neonatal Intensive Care Unit at the University Children's Hospital Zurich, Switzerland, and Chair of the ESPNIC Section on Infection, Inflammation, and Sepsis. He has published over 200 papers in the field and has received several large grants with a focus on clinical trials on sepsis, infection, and inflammation in critically ill children. After having worked for a decade as a paediatric intensivist in Australia he maintains an active research program on Sepsis, Infection, and Inflammation in Critically Ill Children at the University of Queensland. He is the Past Chair of the Australian and New Zealand Intensive Care Society Paediatric Study Group.



ASSOCIATE PROF KRISTEN GIBBONS

Australia

Kristen Gibbons is Associate Professor, Senior Epidemiologist and Program Lead, Child Health Research Centre, The University of Queensland, as well as Deputy Chair, Metro South Human Research Ethics Committee, Brisbane, Australia. Kristen's collaborations have resulted in more than 150 peer-reviewed publications; she is currently a CI on >\$13m in research funding, including CIA on a NHMRC Clinical Trials and Cohort Studies Grant for an international paediatric sepsis trial. Kristen has interests in enhancing clinical trial methodologies, particularly for investigator-initiated studies, and is the Vice-Chair of the Australian and New Zealand Intensive Care Society Paediatric Study Group (ANZICS PSG)—the first non-clinician to be elected to the Executive Committee—and Chair, Data Science Working Group, ANZICS PSG.

MEET SPEAKERS



DR MARIA-HELENA PEREZ

Switzerland

Dr. Maria-Helena Perez is a specialist in pediatrics and intensive care medicine at CHUV and senior lecturer at the Faculty of Biology and Medicine, UNIL. She has been working at CHUV, PICU since 2005. Her research focus on pediatric patients' hemodynamics, nutrition and improving care of critically ill children.



DR ZAHRA RAHMATY

Switzerland

Dr. Zahra Rahmaty is a postdoctoral fellow at IUFRS, Faculty of Biology and Medicine of the University of Lausanne in Switzerland. She is a registered nurse in Iran and USA and has experience working in ICU. She got her PhD degree from the University of Maryland, United States where she learned advanced statistics and worked with well-known experts in child health and development. Currently she is the PI of the multicenter national study of Post Intensive Care Syndrome in Swiss Pediatric survivors and Families (PICSS-PF) project.



MS. IBO MACDONALD

Switzerland

Ibo MacDonald is a Canadian nurse in her final year of her doctoral studies on the research team of Prof. Anne-Sylvie Ramelet at the University of Lausanne. She worked as a registered nurse for over 15 years and specialized in implementing evidence-based practices in many healthcare organizations. Her PhD research project aims to integrate four measurement instruments used to assess pain, sedation, delirium and iatrogenic withdrawal for use in pediatric intensive care units. This will be accomplished using an electronic web-based platform (called ALLEVIATE) which is currently being prototyped and tested.

MEET SPEAKERS



DR. CHANTAL GRANDJEAN

Switzerland

Nurse by training since 2002, she has worked mainly in the field of pediatric and neonatal intensive care as ICU nurse certified. She had a position of clinical nurse specialist and scientific collaborator in an academic-clinical partnership during 9 years. Since April 2022, she took on the position of Head Nurse of the PICU and intermediate care unit in the Women-Mother-Child Department of the Lausanne University Hospital (CHUV). She has developed knowledge on research topics such as parental satisfaction in hospital, pain management, and end-of-life care. She has a particular interest in the family-centred care approach.



PROF AKASH DEEP

UK

Dr. Akash Deep is a Paediatric Intensivist & Director of Paediatric Intensive Care at King's College Hospital. Dr. Deep is also the main author for the National Paediatric Sepsis Toolkits for Paediatrics and has co-authored the safety netting leaflet for sepsis awareness for parents in the UK. He is actively involved in sepsis awareness campaigns for the schools and GPs. He is the medical advisor to the UK Sepsis Trust Executive Committee and represents England in the Core Panel Group to standardise pathways for the care of acutely unwell children in the Emergency Department. Dr. Deep is actively involved in clinical research and has published widely in peer-reviewed journals. He regularly presents his work and lectures in the UK and abroad.



DR FREDERIC VALLA

France

Dr Frederic Valla is a Paediatric intensivist at the Hôpital Femme Mère Enfant, Hospices Civils de Lyon, France. He is actively involved in clinical research related to nutrition and metabolism in critically ill children and has published widely in peer-reviewed journals.

AGENDA DAY 1

A.	Roadmap for conducting clinical research
B.	Advanced methods
C.	Building up a research career

08.00

Registration

[Auditorium CHUV ground floor through main entrance - BH08]

08.30-09.00

Welcome and Introduction

[BU19-Pierre Decker]

Prof Anne-Sylvie Ramelet

09.00 – 09.15

Introduction to “My Thesis/Research project in 3 minutes”

[BU19-Pierre Decker]

Prof Jos Latour

09.15 – 10.15

The Methodologist’s view - insights from running trials in paediatric intensive care

[BU19-Pierre Decker]

A/Prof Kristen Gibbons

10.15 – 10.45

Coffee and networking

(BH08-Seminar 2-4)

10.45 – 12.30

A. roadmap for conducting clinical research: from research question to End of the study

[BH08-seminar room 4]

Prof Anne-Sylvie Ramelet

B. Getting the best out of your PhD supervisors

[BH08-seminar room 2]

Prof Jos Latour & Dr Chantal Grandjean

C. How to be an effective research supervisor - How to deal with challenging/conflicting situations

[BU19-Pierre Decker]

Prof Luregn Schlapbach

12.30 – 13.30

Lunch and networking

[BH08-Seminar 2-4]

13.30 – 15.00

A. roadmap for conducting clinical research: from data collection to data entry QUAL

[BH08-seminar room 4]

Prof Jos Latour

B. Performing a systematic review to inform your study question

[BH08-seminar room 2]

Prof Anne-Sylvie Ramelet

C. Setting up multidisciplinary research collaborations across Europe & beyond

[BL08. Jequier-Doge]

Prof Akash Deep & Prof Lyvonne Tume

15.00 – 15.30

Coffee and networking

[BH08-Seminar 2-4]

15.30 – 16.30

A. From research to commercial product

[BH08-seminar room 4]

Ms. Ibo Macdonald & Dr Maria-Helena Perez

B. Mixed methods approaches to clinical research

[BH08-seminar room 2]

Prof Lyvonne Tume

C. Establishing a budget and funding applications for your research

[BL08. Jequier-Doge]

Prof Luregn Schlapbach

16.30 - 17:00

Free time to prepare “3-minute thesis” presentation

17:00 - 18:00

Optional session: Meet the experts to discuss research

[BL08. Jequier-Doge]

19:30

Dinner and Networking

AGENDA DAY 2

A.	Roadmap for conducting clinical research
B.	Advanced methods
C.	Building up a research career

8.30 – 10.30

3-min thesis presentations

[BU19- Pierre Decker]

10.30 – 11.00

Coffee and networking

[BL08- Jequier-Doge]

11.00 – 12.30

A. roadmap for conducting clinical research QUAL data analyses.

[BU19- Pierre Decker]

Prof Jos Latour

B. How to design, test and evaluate a survey instrument?

[Salle Delos BL08.1116]

Prof Lyvonne Tume

C. How to develop yourself and your research program

[Salle Samos BL08.1241]

Prof AS Ramelet

12.30 – 13.30

Lunch and networking

[BL08- Jequier-Doge]

13.30 – 15.00

A. roadmap for conducting clinical research Basic statistical analysis – which tests to use for what data

[BU19- Pierre Decker]

Dr Zahra Rahmaty

B. Combining Qual and Quant data

[Salle Delos BL08.1116]

Prof Anne-Sylvie Ramelet

C. Current controversies in

research ethics with different trial designs and in the emergency setting

[Salle Samos BL08.1241]

Prof Lyvonne Tume

15.00 – 15.15

Coffee and networking

[BL08- Jequier-Doge]

15.15 – 16.00

A. Road map for dissemination and impact of your work

[BU19- Pierre Decker]

Prof Jos Latour

B. Surviving and excelling at your PhD defense

[Salle Delos BL08.1116]

Prof Anne-Sylvie Ramelet

C. How to use social media in the context of research

[Salle Samos BL08.1241]

Prof Lyvonne Tume

16.00 – 16.45

Looking back into the future of pediatric and critical care research

[BU19- Pierre Decker]

Prof Jos Latour, Lyvonne Tume, Anne-Sylvie Ramelet, Kirsten Gibbons

16.45 – 17.00

Prize for best 3-minute thesis presentation and closing

[BU19- Pierre Decker]

17.00 – 17.30

Closing Remarks

Prof Anne-Sylvie Ramelet

AGENDA DAY 3

RESEARCH
EXCHANGE

THE AIM OF THIS OPTIONAL DAY IS CLINICAL RESEARCH
EXCHANGE ON THE ONGOING PROJECTS ON THE TOPICS
RELATED TO NUTRITION AND CLINICAL RESEARCH IN GENERAL

8.15 – 8.30

Welcome

8.30 – 10.00

Nutrition-related Research

[BU19-Pierre Decker]

Chair: Dr Frederic Valla

10.00 – 10.30

Coffee Break

10.30 – 12.00

Clinical Research in PICU

[BL08. Jequier-Doge]

Prof Jos Latour

12.00– 12.30

Moving Forward & Closing

Chair: Prof AS Ramelet

GENERAL INFORMATION

DATE AND VENUE:

January 19-21, 2023

Lausanne University Hospital, Lausanne, Switzerland - CHUV: [Google Maps](#)

LANGUAGE OF THE RESEARCH SCHOOL

English

ACCOMMODATION OPTIONS

- [Hôtel des Patients](#): Rooms for 4 people are advantageous!
- [Lausanne Youth Hostel Jeunotel](#): Cheap but a bit out of Center
- [Accueil](#) | [SwissTech Hotel](#): A bit out of Center on the EPFL campus but there is a metro line.

HOW TO GET THERE

By Plane: Geneva Airport. Then take the train to Lausanne. You can buy your train ticket at the airport or online ([SBB](#))

By Train: Once you are in Geneva airport, you have to take the train, direction Lausanne. The journey lasts about 45 minutes. Then, you have to take the subway M2 (metro in French), direction Croisettes, and exit CHUV. The journey lasts about 10 minutes.

Explore Lausanne: <https://www.lausanne-tourisme.ch/en/>

ORGANISING SECRETARIAT

ESPNIC Secretariat Office

Email: info@espniceu

