



HORMONES TOXICANTS ENVIRONMENT

PROGRAMME

4-6.10
2023

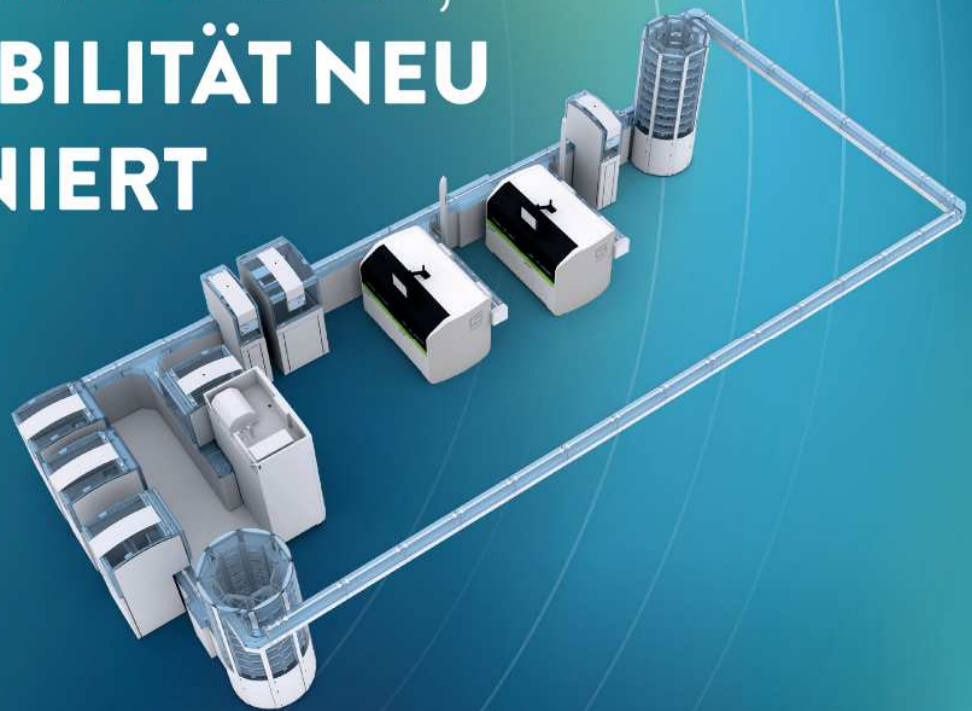


SSCC/SGKC 2023
ANNUAL ASSEMBLY
CRANS MONTANA - VALAIS



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WELCOME



HORMONES, TOXICANTS & ENVIRONMENT

Dear Colleagues and Friends,

On behalf of the Organizing and Scientific Committees, it is my great pleasure to invite you to the **SSCC/SGKC 2023 Annual assembly** that will be held in **Crans Montana (Valais)** from **October 4 to 6**.

We are particularly happy and proud to host this congress in Valais, a canton not only renowned for its breathtaking landscapes and warm welcome, but also for its dynamism and innovation. Crans Montana, a resort located in the center of the Alps, known internationally for the numerous sports and cultural events that take place there, will undoubtedly charm you with its authenticity and the diversity of its offers.

This is the setting we have chosen to discuss with you the role and upcoming challenges of the medical laboratory, specifically as they relate to ***hormones, toxicants and environment***. These themes that are dear to us are particularly current and promise exciting exchanges.

An important place will also be reserved for the in vitro diagnostic companies, which will have the opportunity to present their latest developments in the exhibition hall of the **Congress Center "Le Régent"**.

Be sure that the organizers will do their best to share with you, during these three days, many moments of Valaisian conviviality and are convinced that this congress will remain for all an enriching and unforgettable experience.

I am looking forward to seeing you in Crans Montana during the 2023 Annual Meeting of the SSCC.

Sincerely
Prof. Michel Rossier
President of the Congress

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The SSCC and the organizing committee would like to thank all sponsors and exhibitors who support this event. Please join them in the exhibition area during coffee & lunch break, as well as at the Welcome Cocktail.

CONGRESS VENUE



The Annual Assembly will take place at **Congress Center "Le Régent"** in Crans Montana

Address:

Congress Center "Le Régent"
28 rte des Mélézes
3963 Crans-Montana

By public transport

Direct connections from Basel, Bern, Geneva/airport, Lausanne and Zurich/airport to Sion or Sierre CFF/SBB station (www.cff.ch / www.sbb.ch).

Afterwards continue by

a) Funicular from Sierre (www.cie-smc.ch)

Then, bus **431** direction Crans Forest, bus stop **Grand Place** ^①

b) Bus

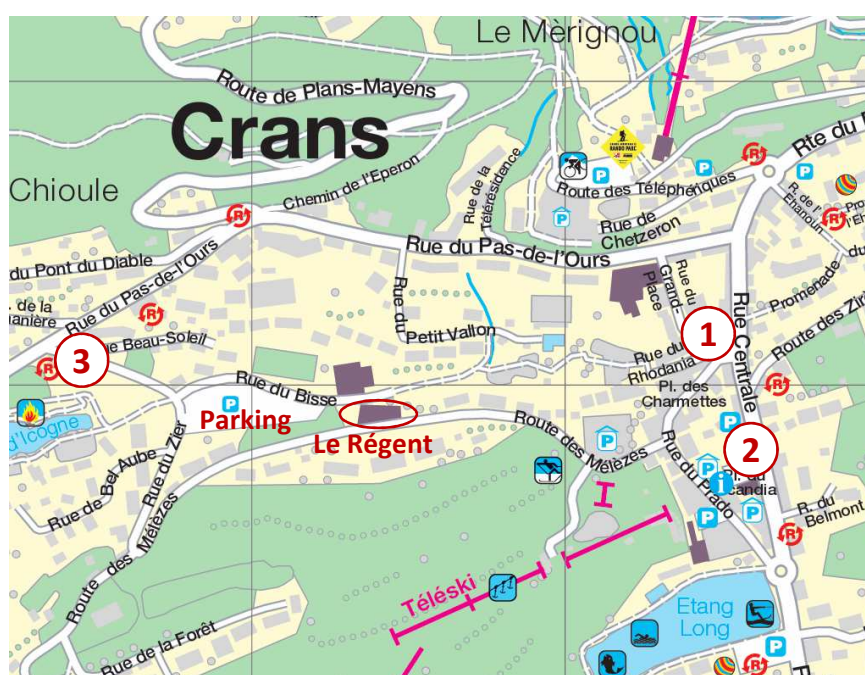
> Sierre station: Bus **421** direction Montana via Chermignon, bus stop **Scandia** ^②

> Sion station: Bus **353** direction Crans-s.-S., bus stop **Zier-Régent** ^③

By car

Motorway exit "Sion-Est (no. 27)" or "Sierre-ouest (no. 28)", then follow the signs to Crans Montana.

Free parking will be available close to the conference centre.



GENERAL INFORMATION



Organizer

Swiss Society of Clinical
Chemistry, www.sccc.ch

Congress Secretariat

Mrs Karine Zimmermann
Tel: +41 27 603 47 14
karine.zimmermann@hopitalvs.ch

Exhibitor and Sponsors

Mrs Hélène Schüpbach
Tel: +41 21 964 20 13
helene.schupbach@event4you.net

Credits

The following credits will be awarded for participation at the conference.
Wednesday: 3 credit points FAMH
Thursday: 5 credit points FAMH
Friday: 2 credit points FAMH

Website

www.sccc2023.ch

Registration desk

The registration desk is located in the entrance area, opens one hour before the program starts and is open during congress hours.

Language

The official language of the conference is English. Presentations can be held in English, German or French. However, Power Point slides of all presentations should be written in English.

Internet access

Wi-Fi : SSCC2023
Password: HorTox23

Food

Catering during coffee, lunch breaks and Welcome Cocktail will be provided in the exhibition area and adjacent rooms on the ground floor. All catering is included in the conference registration.

Valaisian style dinner

The dinner will take place on Thursday at **Le Cervin** restaurant in Crans Montana. Please register for the dinner via online registration or at the desk, thank you.

Address

Le Cervin
Route de Vermala 75
3963 Crans-Montana

Shuttle buses available :

➤ Going

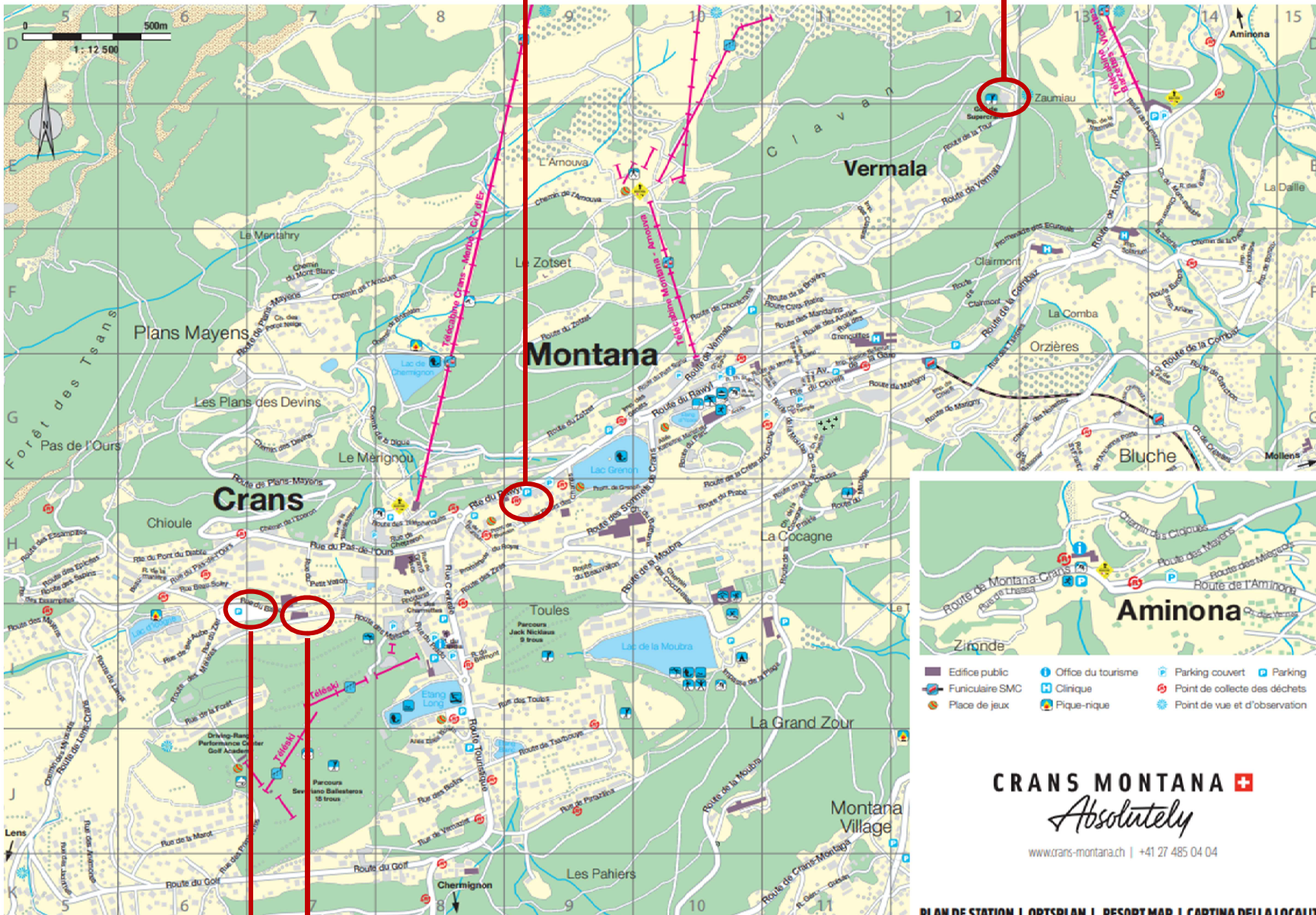
Le Régent	18:00	18:30	19:00
Pavillon	18:10	18:40	19:10
Le Cervin	18:20	18:50	19:20

➤ Return

Le Cervin	23:00	23:30	00:00
Pavillon	23:10	23:40	00:10
Le Régent	23:20	23:50	00:20

Bus stop «Pavillon»

Le Cervin restaurant



GENERAL INFORMATION

CRANS MONTANA 

Absolutely

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PLAN DE STATION | ORTSPLAN | RESORT MAP | CARTINA DELLA LOCALITÀ



Le Régent Congress Center

Parking Le Régent



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GENERAL INFORMATION



Registration

Online registration on website www.sccc2023.ch

Registration fee

SSCC Member

- 3-day pass (Wed-Fri, including Thursday dinner): 280 CHF
- 1-day pass (Thursday, including dinner): 160 CHF
- Wednesday or Friday half day: 80 CHF

SSCC Non-Member

- 3-day pass (Wed-Fri, including Thursday dinner): 350 CHF
- 1-day pass (Thursday, including dinner): 200 CHF
- Wednesday or Friday half day: 120 CHF

Students (with a valid student certificate)

- 3-day student pass (Wed-Fri, including Thursday dinner): 150 CHF

On-site Registration

On-site registration is possible.

Payment

The request for payment will be done directly by the system. A confirmation/invoice will be automatically sent to the registered e-mail address.

Cancellation policy

All cancellations must be electronically mailed. Refund of registration fee will be as mentioned below. Cancellations received: - received up and including 31 July 2023: 50% - received after 31 July 2023: no refund will be made - Registration with no-show will be invoiced.

Disclaimer

The organizer and the congress organization decline any responsibility for any kind of damage to property and persons which may occur in conjunction with the congress. Furthermore, no damages shall be claimed in the case of any changes to the program or non-appearance of speakers or cancellation of lectures published in this program. Participants take part in all events of this congress at their own risk.



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* Lippi, et al. Prevention of hemolysis in blood samples collected from intravenous catheters.
Clin Biochem 2013;46:561-564



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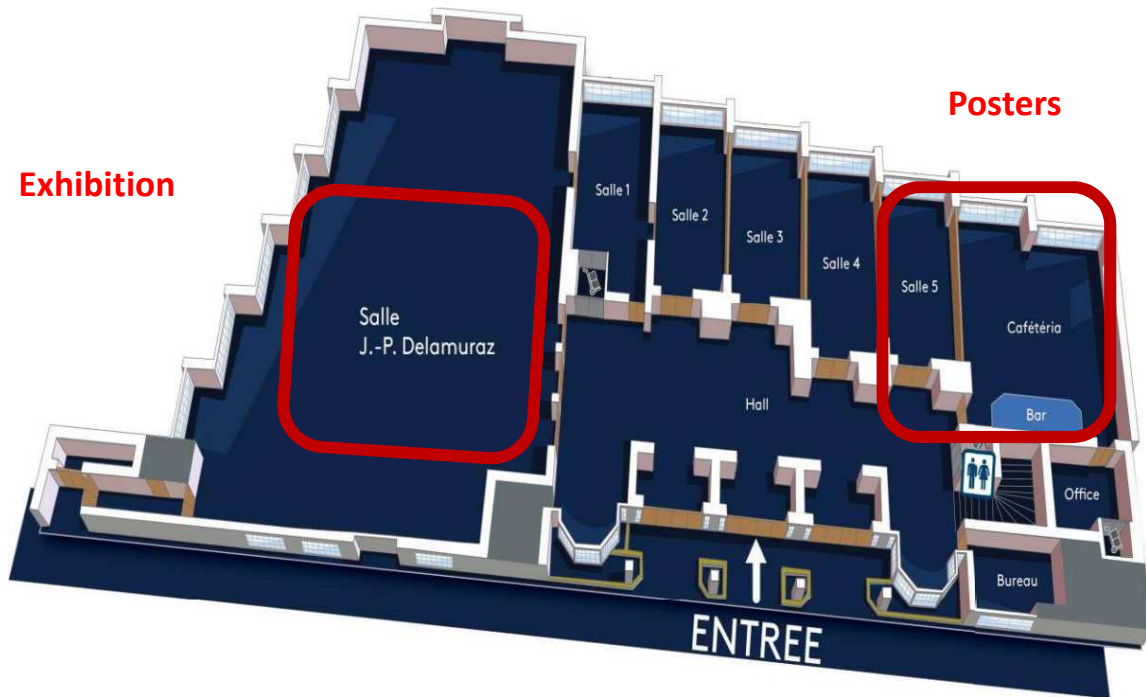
Besuchen Sie uns an Stand Nr. 6.

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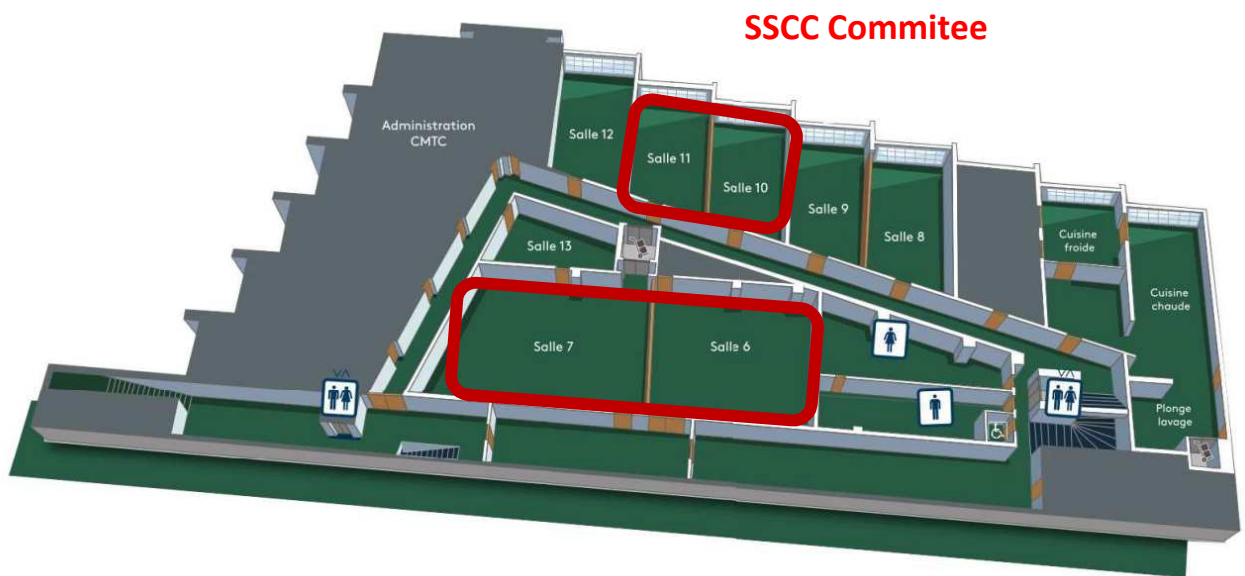
FLOORPLAN



Ground floor



Floor -1

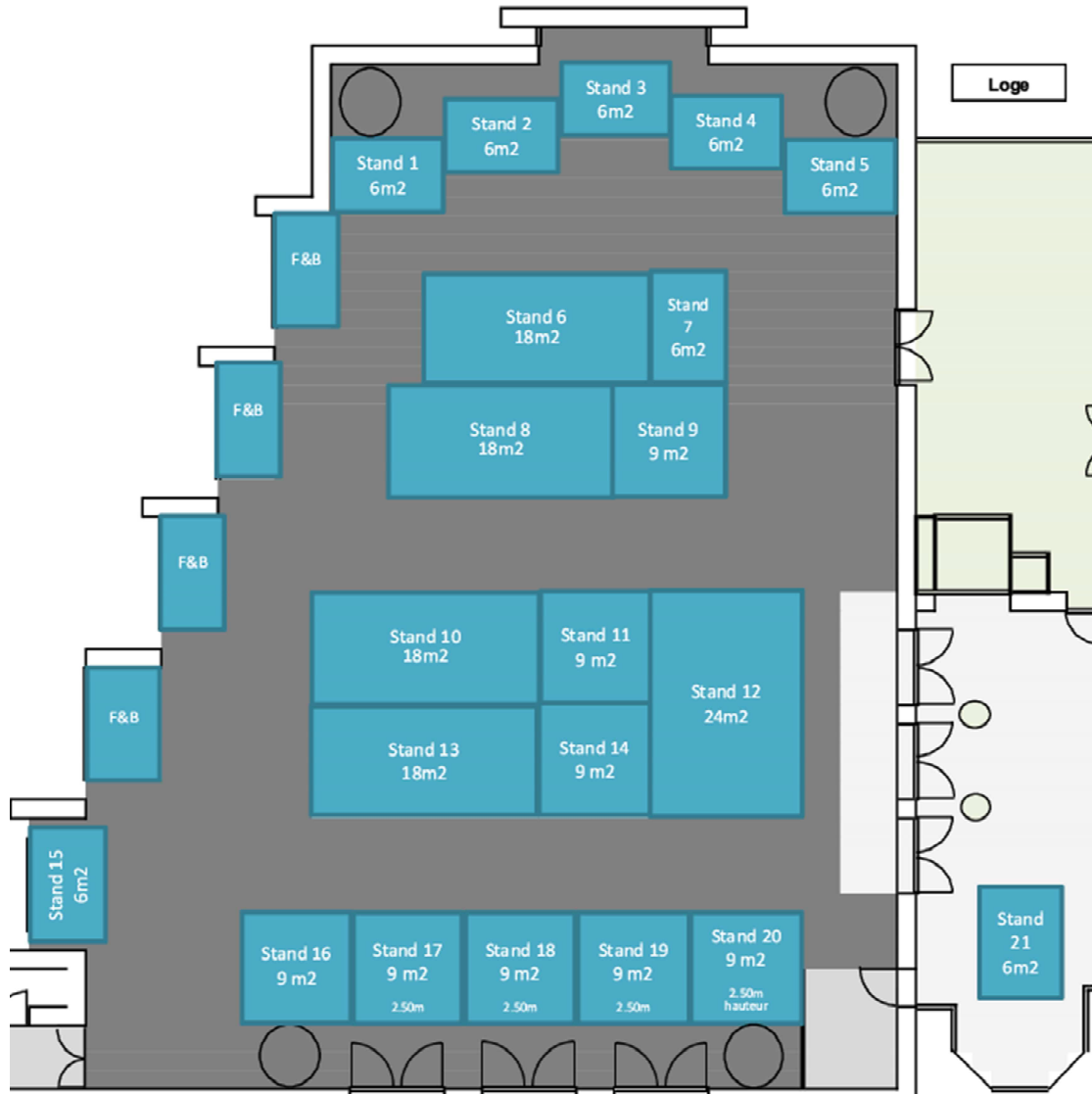


Conferences

FLOORPLAN



Exhibition plan (J.-P- Delamuraz room)



Exhibitors list

- | | | |
|-------------------------|-----------------------|------------------------------|
| 1: Clinisys | 8: Axon Lab | 15: Bühlmann Laboratories |
| 2: Nova Biomedical | 9: QuidelOrtho | 16: Euroimmun |
| 3: Stago | 10: Roche Diagnostics | 17: ThermoFisher Diagnostics |
| 4: Bio-Rad Laboratories | 11: Radiometer | 18: Datamed |
| 5: Ruwag | 12: Sarstedt | 19: Tosoh Bioscience |
| 6: Siemens Healthcare | 13: Abbott | 20: Sysmex |
| 7: Shimadzu | 14: Beckman Coulter | 21: Sebia |



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- Diabetes
- Infectious Diseases
- Prostate Health
- Reproductive Health
- Sepsis / Inflammation
- Thyroid
- Tumour Markers



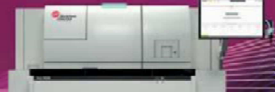
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SSCC/SGKC 2023 ANNUAL ASSEMBLY

4. – 6. Oktober 2023 | Crans Montana – Valais

Visit us at Booth # 14

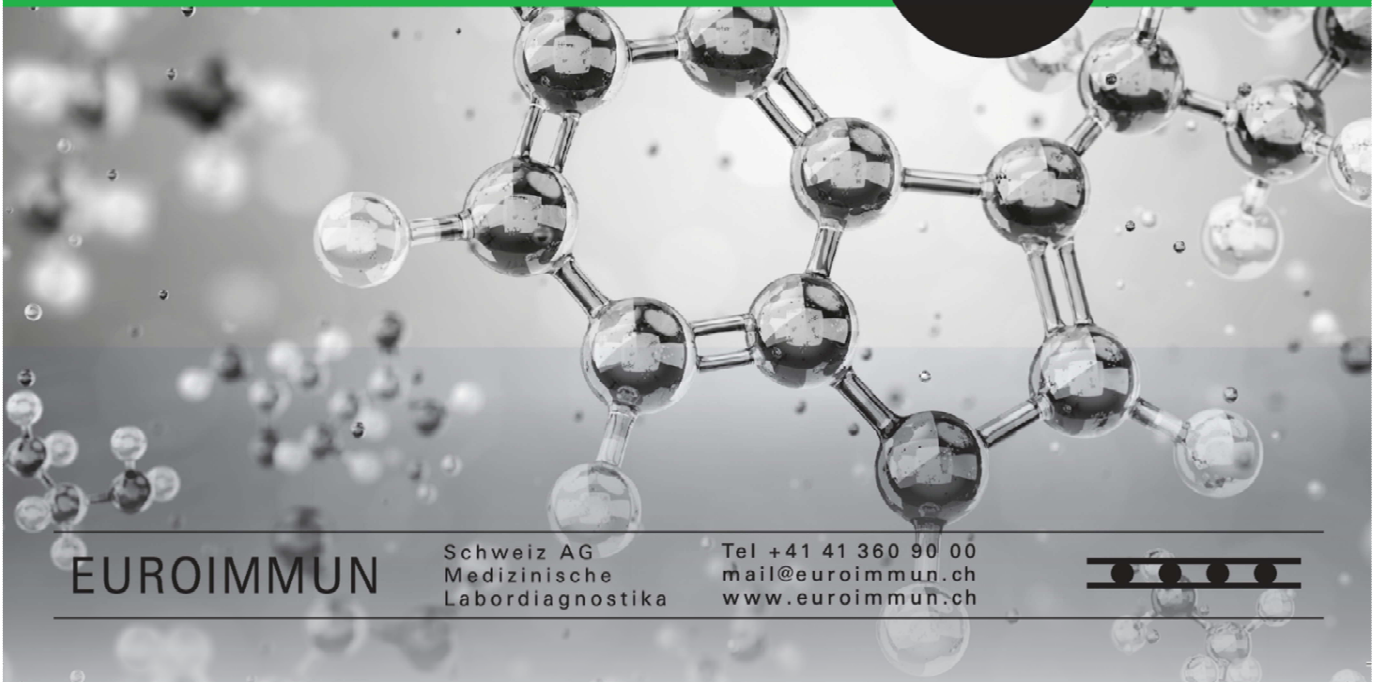
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SCIENTIFIC PROGRAM



Wednesday 4th October 2023

12:30 - 13:30 *Registration – Exhibition – Welcome coffee & sandwich*

13:45 - 14:00 *Welcome & Congress Opening (Room 6-7)*
Michel ROSSIER & Pierre-Alain BINZ

Session I: Nutrition, metabolism and chronobiology (Room 6-7)

(Chair: Martin HERSBERGER, Zürich)

14:00 - 14:30 **Drug treatments for obesity: an update**
Lucie FAVRE, Lausanne

14:30 - 15:00 **Circadian timing of glucose metabolism**
Volodymyr PETRENKO, Geneva

15:00 - 15:30 *Coffee break & Exhibition*

15:30 - 16:00 **Ketogenic diet therapies against epilepsy**
Andrea RUEGGER, Zurich

16:00 - 16:30 **Cancer-induced muscle atrophy**
Jean-Paul THISSEN, Brussels

16:30 - 17:30 *Oral presentations of 3 selected abstracts
& 2023 SSSC Award presentation (Room 6-7)*

17:30 - 18:30 *Welcome cocktail*

SCIENTIFIC PROGRAM



Thursday 5th October 2023

08:00 - 09:00 *Registration – Exhibition - Coffee*

Session II: Toxicology as a decision tool (Room 6-7)

(Chair: Nicolas DONZE, Sion)

09:00 - 09:30 **Drug and driving ability: what markers should be used for acute and chronic use?**

Marc AUGSBURGER, Lausanne

09:30 - 10:00 **Clinical toxicology: working for emergency departments**

Pierre LESCUYER, Geneva

10:00 - 10:30 *Coffee break & Exhibition*

10:30 - 11:00 **Toxicology of trace elements: from exposure to intoxication**

Aurelien THOMAS, Lausanne

11:00 - 11:30 **Clinical Toxicology: Pitfalls & Guidelines**

Daniel MUELLER, Basel

12:00 - 13:00 *Lunch*

13:00 - 13:45 *Guided poster exhibition*

Session III: Environment and Fertility (Room 6-7)

(Chair: Michel ROSSIER, Sion)

14:00 - 14:30 **Evaluating the influence of environmental and lifestyle factors on semen quality**

Rita RAHBAN, Geneva

14:30 - 15:00 **Emerging technologies: opportunities for the infertility workup**

Damien GRUSON, Brussels

15:00 - 15:30 *Coffee break & Exhibition*

15:30 - 16:00 **Hormonal aspects of early puberty and endocrine disruptors**

Michael HAUSCHILD, Lausanne

16:00 - 16:30 **Lab tests for medically-assisted procreation**

Vincent PRYFER, Lausanne

16:30 - 16:45 **Awards (Room 6-7)**

16:45 - 17:00 **The Swiss IVD Sector 2023: Survey Report (Room 6-7)**

Michael NAGLER, Bern

17:00 - 18:00 **SSCC General Assembly (Room 6-7)**

SCIENTIFIC PROGRAM



Friday 6th October 2023

08:30 - 09:30 Registration – Exhibition - Coffee

Session IV: Physical activity, environment and hormones (Room 6-7)

(Chair: Nicolas VUILLEUMIER, Genève)

09:30 - 10:00 Steroidomics and doping

Serge RUDAZ, Geneva

10:00 - 10:30 Epigenetic modifications and health conditions: the example of chronic pain

Bertrand LEGER, Sion

10:30 - 11:00 Biomarkers of cardiac remodeling: evolution during ultra-endurance races

Caroline LE GOFF, Liège

11:00 - 11:30 The usefulness of geolocalization for studying gene-environment interactions and non-communicable diseases: the example of anti-apolipoprotein A-1 autoantibodies

Stéphane JOOST, Geneva

11:30 - 11:45 Conclusion, announcement of next meeting & Farewell (Room 6-7)

12:00 Goodbye snack

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COMMITTEES



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Nicolas Donzé

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Fanny Zufferey

Service de chimie clinique & toxicologie, Institut Central des Hôpitaux, Hôpital du Valais, Sion

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Fanny Zufferey

Service de chimie clinique & toxicologie, Institut Central des Hôpitaux, Hôpital du Valais, Sion

ABSTRACTS, PRESENTATIONS & AWARDS



Oral Presentation of selected abstracts

Oral presentations of selected abstracts will take place on **Wednesday, 4 October 2023 from 16:30 to 17:30**. Presentation time is 10 min per abstract, followed by 5 min for questions and discussion. Please bring your presentation as a PowerPoint presentation (in English and in 16:9 format) on a USB drive and hand it to the technician on site at least one hour before the session.

Poster Presentation

Posters should be prepared in English in A0 portrait format (841 x 1189 mm). Posters should be printed by the authors themselves and mounted at the beginning of the conference. They should remain on display throughout the entire meeting. Material for mounting the posters will be provided onsite.

Poster attendance

Posters are expected to be visible from Wednesday 14:00 through Friday noon. All authors are kindly asked to be present at their poster during the poster session (**Thursday 13:00 – 13:45**).

Promotion Award

The best oral presentation from the selected abstracts and the best poster presentation will receive an award. Awards will be presented on Thursday **the 5th of October, from 16:30 to 16:45** in room 6-7.

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- P01 Publication success and impact of studies evaluating diagnostic tests**
H. Nilius, L. Kuster, R. Boss, L. Boschetti, S. Jegerlehner, A. Soares, S. Naas, N. Mihalek, M. Nagler
- P02 ONE ANALYTE – TWO TECHNOLOGIES - SAME RESULT?**
N. Stierlin, A. Hemmerle, K. Jung, J.O. Thumfart, L. Risch
- P03 Rescue of myocytes and locomotor activity through intracisternal AAV9 gene therapy in a rat model of creatine transporter deficiency**
G. Fernandes-Pires, M. Lanzillo, C. Roux-Petronelli, P.-A. Binz, C. Cudalbu, C. Sandi, L. Tenenbaum, O. Braissant
- P04 Gentamicin by immunoanalysis: choosing wisely**
L. Hamard, C. Marzolini, C. Torrent, O. Boulat
- P05 A single-center investigation of cobalt and mercury in plasma of a hospital patient cohort and estimation of reference intervals**
N. Küng, M. Hayoz, Y. Aebi, U. Amstutz, C.R. Largiadèr
- P06 Development, validation, and implementation of a decision support tool for the screening of mild bleeding disorders**
H. Nilius, J. Kaufmann, M. Adler, A. Wieland-Greguare-Sander, L. Alberio, G. Erdös, T. Sauter, A. Koster, J. Levy, M. Nagler
- P07 Relationship between cannabinoid consumption and levels of endocannabinoids and androgens**
F. Zufferey, E. Buitrago, D. Hebinger, R. Rahban, A. Senn, E. Stettler, S. Rudaz, S. Nef, N. Donzé, A. Thomas, MF. Rossier



P08 Validation of an LC-MS/MS method for quantification of uracil in human plasma.

F. Zufferey, L. Millius, MF. Rossier

P09 Metabolic profiling of iPSC-hepatocytes reveal TCA cycle and malate-aspartate shuttle disruption in malate dehydrogenase 2 deficiency

D. Mathis, J. Koch, S. Koller, A.-C. Uldry, A. Ramosaj, P. Forny, D. S. Froese, A. Laemmle

P10 Urinalysis: evaluation of four fully automated instruments

A. Bouville, P. Godon, E. Berthouzoz, L. Millius, F. Zufferey, MF. Rossier

P11 Evaluation of variability in cell-free DNA extraction from plasma using an artificial spike-in (CEREBIS)

F. Sandberg, N. Küng, C. Largiadèr, U. Amstutz

P12 Validating nanopore sequencing method for long-range DPYD amplicon based haplotyping

A. Ambrodji, C. Largiadèr

P13 GFR measured by iohexol HPLC assay

M. Frias, P. Parvex, L. Derain-Dubourg, L. Chardon, I. Kern

P14 Reducing hemolysis in the emergency department

F. Haenni, C. Frick, S. von Guten, MF. Rossier

