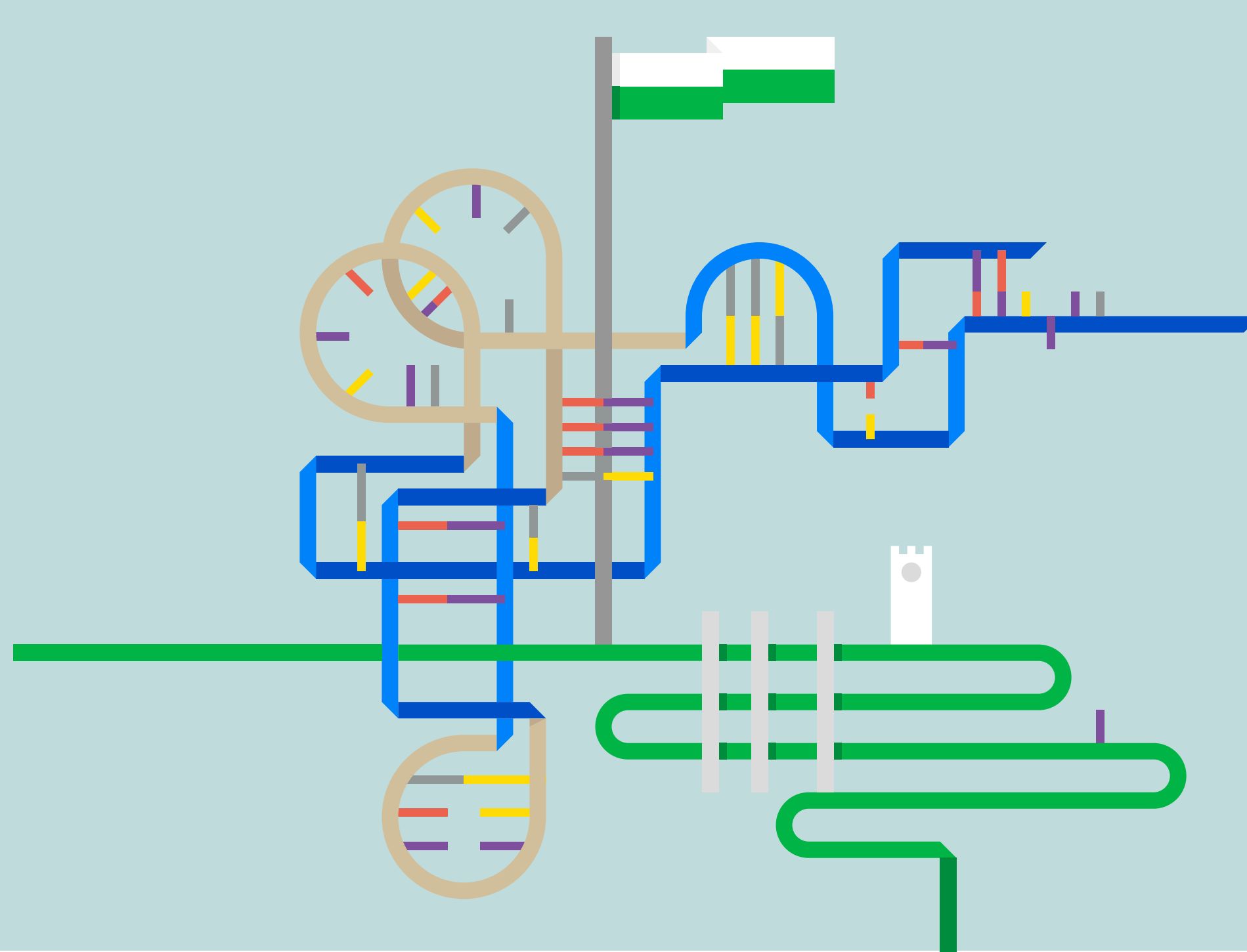




# MOLECULAR LIFE OF STEM CELLS

POST-TRANSCRIPTIONAL REGULATION AND (EPI)GENOMIC ENGINEERING IN STEM CELLS



LJUBLJANA  
30.9. - 1.10.  
2016

## OVERVIEW

MolecularLife of Stem Cells (MLSC)2016 is the first conference bringing together prominent world scientists in stem cell biology and RNA biochemistry that will deliver the latest insights in RNA regulation and (epi)genomic engineering in stem cells.

Empowered with successful meeting that we organized in 2014 ([cellomix.com/conference2014](http://cellomix.com/conference2014)), we again expect more than 300 participants from broad range of disciplines such as systems biology, biochemistry and bioinformatics. The conference encloses two full days of scientific lectures and two poster sessions. In addition, it is accompanied by series of scientific workshops for younger researchers a day prior the conference.

We foster interactions and networking opportunities between students, researchers and industry, and strive to create strong environment for presenting research projects, and exchanging ideas, finding collaboration partners, as well as exploring future career options in academia and industry. A dinner and get together after the main event shall stimulate further interaction of all participants in nice and relaxing atmosphere.

The highlights of the MLSC 2016 are the talks from 26 world renowned invited speakers presenting the latest advances at the cutting-edge of stem cell research.

## EVENT DETAILS

### WHEN

Workshops  
29th September

Main event  
30th September — 1st October

### VENUE

Our conference will be held in modern Conference Centre of Lawa Faculty University of Ljubljana and in City Museum in historical city of Ljubljana



University of Ljubljana  
Ljubljana



City Museum  
Ljubljana

# LIST OF INVITED INTERNATIONALLY RECOGNIZED SPEAKERS



**Maria Barna**  
STANFORD UNIVERSITY



**Derk ten Berge**  
ERASMUS MC, ERASMUS  
UNIVERSITY ROTTERDAM



**Paul Bertone**  
EUROPEAN BIOINFORMATIC  
INSTITUTE / CAMBRIDGE UNIVERSITY



**Jörg Betschinger**  
FMI BASEL



**Sebastian Bultmann**  
LUDWIG MAXIMILIAN  
UNIVERSITY MUNICH



**Davide Cacchiarelli**  
BROAD INSTITUTE /  
HARVARD UNIVERSITY



**Alfredo Castello**  
OXFORD UNIVERSITY



**Mark Denham**  
DANDRITE /  
AARHUS UNIVERSITY



**Micha Drukker**  
INSTITUTE OF STEM CELL  
RESEARCH, HELMHOLTZ  
CENTER MUNICH



**Simon Elsässer**  
KAROLINSKA INSTITUTE



**Elke Glasmacher**  
HELMHOLTZ  
CENTER MUNICH



**Jacob Hanna**  
WEIZMANN INSTITUTE



**Martin Leeb**  
MAX F. PERUTZ LABORATORIES  
/ UNIVERSITY OF VIENNA



**Christian Muchardt**  
PASTEUR INSTITUTE



**Jernej Murn**  
HARVARD UNIVERSITY



**Dierk Niessing**  
LUDWIG MAXIMILIAN  
UNIVERSITY MUNICH



**Jovica Ninkovic**  
INSTITUTE OF STEM CELL  
RESEARCH, HELMHOLTZ  
CENTER MUNICH



**Donal O'Carroll**  
CRM WELLCOME TRUST  
CENTRE / EDINBURGH  
UNIVERSITY



**Amaral Paulo**  
CAMBRIDGE UNIVERSITY



**Alvaro Rada-Iglesias**  
UNIVERSITY OF COLOGNE



**Nikolaus Rayewsky**  
BERLIN INSTITUTE FOR MEDICAL  
SYSTEMS BIOLOGY / MDC BERLIN



**Boris Rogelj**  
JOSEF STEFAN INSTITUTE  
LJUBLJANA



**Michael Sattler**  
INSTITUTE FOR STRUCTURAL  
BIOLOGY, HELMHOLTZ  
CENTER MUNICH / TU MUNICH



**Renee Schroeder**  
UNIVERSITY OF VIENNA



**Stefan Stricker**  
HELMHOLTZ CENTER MUNICH,  
LUDWIG MAXIMILIAN UNIVERSITY  
MUNICH



**Julian P. Venables**  
NEWCASTLE UNIVERSITY



**Jernej Ule**  
UNIVERSITY COLLEGE  
LONDON



**Jianlong Wang**  
ICAHN SCHOOL OF MEDICINE  
AT MOUNT SINAI

# PRELIMINARY SCHEDULE OF MLSC 2016

## Thursday September 29th, 2016

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09:00 — 09:30 Registration and reception

09:30 — 16:30 **Scientific Workshops**

**Workshop 1:**

**Scientific writing workshop**

by dr. Julian Vernables

(Science Sense, New Castle, UK)

**Workshop 2:**

**Next generation sequencing  
methodologies**

by dr. Dalia Daujotyte/ dr. Lukas Paul

(Lexogen GmbH, Vienna, Austria)

**Workshop 3:**

**Bioinformatics programming  
using Python**

by dr. Luka Avsec

(Genialis, Ljubljana, Slovenia)

**Workshop 4:**

**Data mining without  
programming**

by Prof Janez Demsar/Prof Tomaz Curk

(University of Ljubljana)

17:15 — 19:00 **Introduction to RNA biology and epigenetics in stem cells**

19:00 — 21:00 Welcome reception

## Friday September 30th, 2016

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08:30 — 09:15 Registration and reception

09:15 — 09:30 Opening and welcome by organizing team

09:30 — 11:30 **Session 1: RNA regulatory networks**

11:30 — 11:45 Coffee break

11:45 — 13:30 **Session 2: Post-transcriptional regulation of  
pluripotency and stem cell differentiation**

13:30 — 15:30 Lunch break with poster session in the exhibition hall

15:30 — 17:00 **Session 3: Non-coding RNA in stem cells and  
differentiation**

17:00 — 17:15 Coffee break

17:15 — 19:00 **Session 4: Stem cell epigenetics**

19:30 — Dinner

21:00 — Open end get together

## Saturday October 1st, 2016

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08:30 — 09:00 Coffee

09:00 — 11:00 **Session 5: Pluripotent stem cells and disease modelling**

11:00 — 11:15 Coffee break

11:15 — 13:00 **Session 6: Stem cells and regeneration**

13:00 — 15:00 Lunch break with poster session in the exhibition hall

15:00 — 17:00 **Session 7: RNA function in germ stem cell biology**

17:00 — 18:00 Transfer to Ljubljana castle

18:00 — 19:00 **Closing session at Ljubljana castle**

19:00 — 21:00 Dinner & Award ceremony

21:00 — 21:15 **Closing remarks by organizing team**

21:15 — Open end get together

## YOUR BENEFITS AS A SPONSOR OF MLSC 2016

By joining us and supporting the MLSC2016, you will not only have the opportunity to get in direct contact with leading scientists, but also to advertise your company among 300 young researchers. This gives your organization/company an ideal platform to increase brand awareness and develop collaborations with an international audience.

As our sponsor your company will receive an extensive exposure prior and at the conference. We offer exclusive packages including company talks, display stands and posters in the conference hall to advertise your company. Depending on your preferences, you may decide for one of the packages described in the table below.

We will also highly appreciate any other contribution beyond the packages, such as participation in prizes for poster- and talk- winners, gadgets or gift bags that will be provided during the conference.

If you decide for a donation without a sponsorship agreement, we commit to publish your logo in all on line media connected to the event and at the presentation at the event.

Included items

Golden Sponsor

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DONATION

2500 €

1000 €

500 €

Your company will be mentioned as the Golden Sponsor and can present its products with lecture



Naming the session or keynote lecture after your company



Exhibition space in the entrance lobby



Banner stands (the most visible spots at your choice)



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### NEXT TO THE BENEFITS LISTED ABOVE, ALL SPONSORSHIP PACKAGES CONTAIN THE FOLLOWING:

- Your company receives acknowledgement by means of company logo in selected pre- and post meeting materials, on program leaflet
- Promotion material will be distributed in gift bags for guests and participants
- Company logo (with link to company website) on conference website and Facebook event page including brief (50 words) presentation
- Company logo displayed on acknowledgement slide during opening session and between sessions in plenary hall
- The size of the logo on banner stands in the entrance will reflect the level of the sponsoring contribution provided.

## ORGANIZING TEAM OF MLSC 2016

The conference is organized in frame of RNA Club Munich with a collaboration of Helmholtz Center Munich, Biotechnology Association of Slovenia and University of Ljubljana and endowed by honnorary support of President of Republic of Slovenia.

### Main Organizer, Scientific Content

**MIHA MODIC**  
Helmholtz Zentrum München and  
Max Planck Institute of Biochemistry  
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### Communications

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LMU Munich and Helmholtz Zentrum München  
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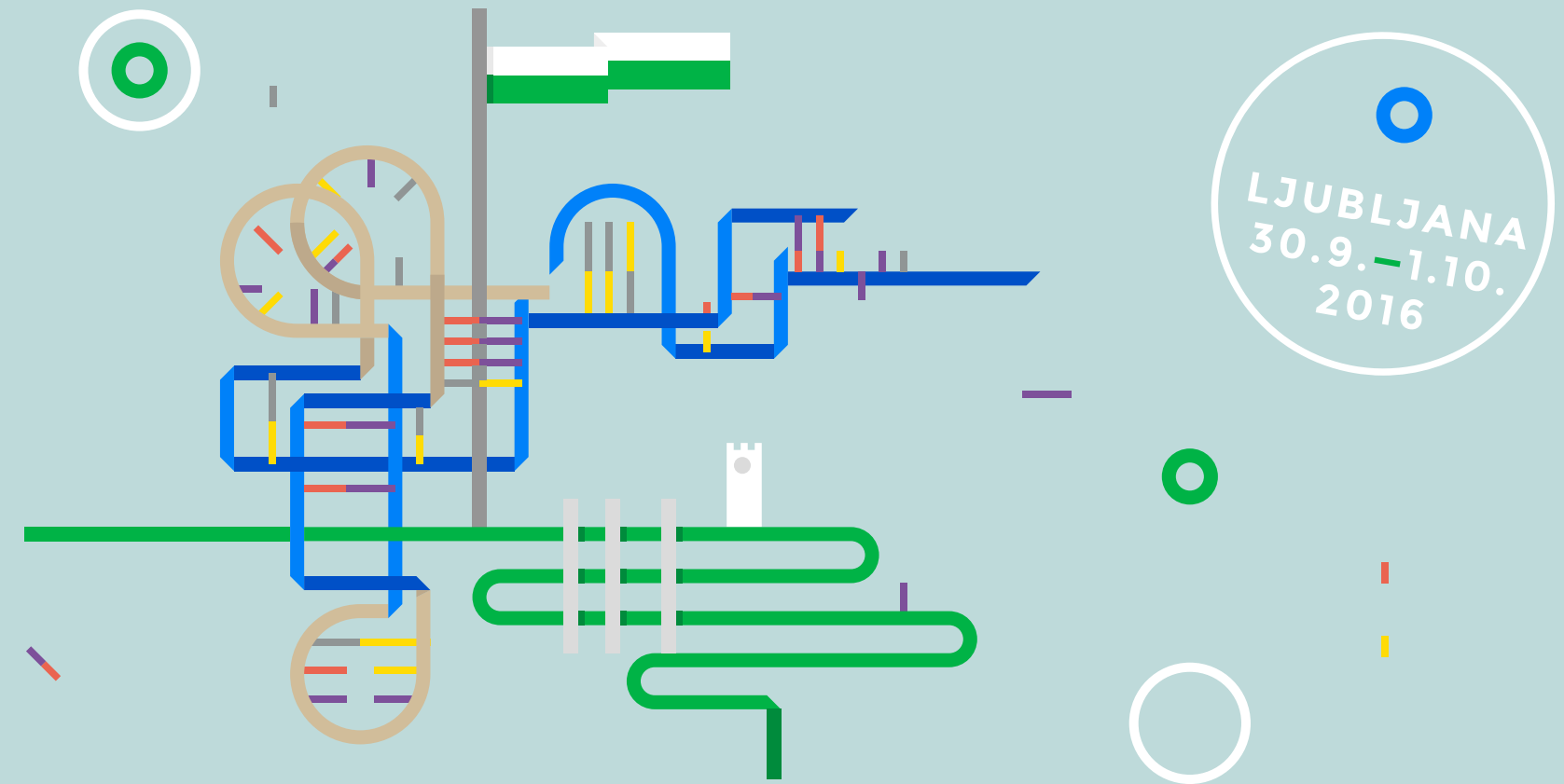
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1000 Ljubljana

### Social

[www.stemcells2016.org](http://www.stemcells2016.org)  
 [fb.com/mlsc2016](https://fb.com/mlsc2016)

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