

Program : EMBO Workshop on Transcription in yeast (June 9-14, 2018)

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List of Participants	112

Program outline

Saturday 9th June

15.00 – 18.30	Check-in and registration (lobby)
18.30 – 20.00	Welcome cocktail (bar Dalí) followed by dinner (restaurant)
20.00 – 20.10	Opening by the organizers (Salón Mediterráneo)
20.10 – 21.10	Session 1 – opening lecture

Sunday 10th June

9.00 – 10.40	Session 2, chaired by Domenico Libri
11.10 – 12.50	Session 3, chaired by Michel Werner
13.00 – 15.00	Lunch
15.00 – 16.40	Session 4, chaired by Steven Hanes
17.10 - 18.40	Session 5, chaired by Françoise Stutz
19.00 – 20.30	Dinner
20.30 – 23.00	Poster session I (nrs 1,4,7,10,13,16,19,22,25,28,31,34,37,40,43,46)

Monday 11th June

9.00 – 10.30	Session 6, chaired by Gilad Yaakov
11.00 – 12.40	Session 7, chaired by Tommaso Villa
13.00 – 15.00	Lunch
15.00 – 17.30	Poster session II (nrs 2,5,8,11,14,17,20,23,26,29,32,35,38,41,44,47)
17.30 – 19.10	Session 8, chaired by Hannah Mischo
19.30 – 21.00	Dinner

Tuesday 12th June

9.00 – 10.40	Session 9, chaired by Guilhem Janbon
11.10 – 12.50	Session 10, chaired by Jason Kuehner
13.00 – 14.00	Lunch
14.00 – 19.00	Excursion
19.00 – 20.30	Dinner
20.30 – 23.00	Poster session III (nrs 3,6,9,12,15,18,21,24,27,30,33,36,39,42,45,48)

Wednesday 13th June

9.00 – 10.40	Session 11, chaired by Jennifer Gallagher
11.10 – 12.50	Session 12, chaired by Alastair Fleming
13.00 – 14.30	Lunch
15.00 - 16.40	Session 13, chaired by Eulalia de Nadal
17.10 – 18.40	Session 14, chaired by Struan Murray
20.00 -	Banquet (Salón Goya) followed by party by the pool

Thursday 14th June

10.00 – 11.00	Closing session-Final discussion
11.45 and 12.30	Departure

Program details

Saturday 9th June

14.00 – 18.30 Check-in and registration (hotel lobby)

18.30 – 20.00 Welcome cocktail (bar Dalí) and dinner (restaurant)

Session 1

20.00 – 20.10 Opening - Françoise Stutz & Domenico Libri

20.10 – 21.10 Opening lecture, Steve Henikoff, Keynote speaker (p. 11)
High-resolution mapping of the chromatin landscape

Sunday 10th June

Session 2 - Chair: D. Libri

9.00-9.30 Patrick Cramer (p. 12)

Mechanism of transcription initiation

9.30-9.50 Randall Morse (p. 13)

Influence of the pre-initiation complex on Mediator recruitment and dynamics in yeast

9.50-10.10 Steve Hahn (p. 14)

Gene-specific role of the Mediator Tail Module

10.10-10.40 Julie Soutourina (p. 15)

Functional interplay between Mediator complex, Rad2 DNA repair protein and RNA polymerase II

10.40-11.10 Coffee/Tea break

Session 3 - Chair: Michel Werner

11.10-11.40 Philipp Korber (p. 16)

Genome-wide reconstitution of remodeler-driven nucleosome spacing in arrays

11.40-12.00 Kurt Schmoller (p. 17)

Cell-size-dependent transcription coordinates histone homeostasis and cell size

12.00-12.20 Andrew Angel (p. 18)

Mathematical Modelling of the Dynamics of Transcription

12.20-12.50 Frank Pugh (p. 19)

Genomic mechanisms of gene regulation and chromatin organization

13.00-15.00 Lunch break

Session 4 - Chair: Steven Hanes

- 15.00-15.30 Steve Buratowski (p. 20)
Dynamics of RNA Polymerase II Transcription
- 15.30-15.50 Drice Challal (p. 21)
General Regulatory Factors limit pervasive transcription in Yeast
- 15.50-16.10 Michal Chapal (p. 22)
Adaptive evolution of noise-buffering through transcription-factor duplication
- 16.10-16.40 Nir Friedman (p. 23)
Transient Depletion and Recovery of the Essential RSC Chromatin Remodeling Complex highlights its Role in Chromatin Regulation and Homeostasis
- 16.40-17.10 Coffee/Tea break

Session 5 - Chair: Françoise Stutz

- 17.10-17.40 David Shore (p. 24)
How chromatin architecture and general transcriptional co-factors control initiation at protein-coding genes in yeast
- 17.40-18.00 Dom Helmlinger (p. 25)
Principles of assembly of the SAGA transcriptional co-activator complex
- 18.00-18.20 Alan Cheung (p. 26)
The cryo EM structure of the Tra1 subunit from coactivators SAGA and NuA4
- 18.20-18.50 Giorgio Dieci (p. 27)
Ubiquitous transcriptional regulators in the control of yeast ribosome biogenesis
- 19.00-20.30 Dinner break
- 20.30-23.00 **Poster session I**

Monday June 11th

Session 6 - Chair: Gilad Yaakov

- 9.00-9.30 Lars Steinmetz (p. 28)
Exposing layers of transcriptome complexity with single cell genomics and synthetic yeast
- 9.30-9.50 Samuel Marguerat (p. 29)
Fission yeast transcriptional heterogeneity surveyed by single cell RNA sequencing
- 9.50-10.10 Gregor Neuert (p. 30)
Single Cell Distribution Shapes Govern the Discovery of Predictive Models for Gene Transcription Regulation
- 10.10-10.30 Tineke Lenstra (p. 31)
A single molecule understanding of the connection between activator binding dynamics and transcriptional bursting
- 10.30-11.00 Coffee/Tea break

Session 7 – Chair: Tommaso Villa

- 11.00-11.30 Katja Strässer (p. 32)
Mud2 functions in transcription and nuclear mRNP packaging
- 11.30-11.50 Catherine Dargemont (p. 33)
Chromatin and mRNP formation
- 11.50-12.10 Susana Rodriguez-Navarro (p. 34)
Mog1 coordinates H2Bub1 and H3K4met3 with mRNA export independently of its ability to bind Ran
- 12.10-12.40 Heike Krebber (p. 35)
Identification of a guard protein mediated quality control mechanism for mRNA 5'-capping
- 13.00-15.00 Lunch break
- 15.00-17.30 **Poster session II**
- 17.00-17.30 Coffee/Tea served

Session 8 – Chair: Hannah Mischo

17.30-18.00 Benoit Palancade (p. 36)

Biogenesis and processing of functionally related mRNAs: from genome stability to multiprotein complex homeostasis

18.00-18.20 François Robert (p. 37)

RNA Polymerase II CTD Tyrosine 1 is Required for Termination by the Nrd1-Nab3-Sen1 Pathway

18.20-18.40 Odil Porrua (p. 38)

A complex network of mutually-exclusive interactions underlies non-coding transcription termination and RNA degradation in budding yeast

18.40-19.10 Lidia Vasilieva (p. 39)

Elongation/termination factor exchange mediated by PP1 phosphatase orchestrates transcription termination

19.30-21.00 Dinner

Tuesday June 12th

Session 9 – Chair: Alastair Fleming

- 9.00-9.30 Jean Beggs (p. 40)
Crosstalk between transcription, splicing and chromatin
- 9.30-9.50 Vicent Pelechano (p. 41)
Genome-wide characterization of transcript isoforms and gene expression dynamic
- 9.50-10.10 Sebastian Chavez (p. 42)
The contribution of prefoldin to gene expression involves both chromatin dynamics and pre-mRNA processing transactions
- 10.10-10.40 David Tollervey (p. 43)
Linking transcription to RNA processing
- 10.40-11.10 Coffee/Tea break

Session 10 – Chair: Jason Kuehner

- 11.10-11.40 Brenda Andrews (p. 44)
A Global Assessment of Molecular Fluctuations Associated with Cell Cycle Progression in Yeast
- 11.40-12.00 Olivier Gadad (p. 45)
Genetic analysis of RNA polymerase I unveils roles of Rpa12 subunit during transcription initiation
- 12.00-12.20 Francesc Posas (p. 46)
Control of gene expression in response to stress by the Hog1 SAPK.
- 12.20-12.50 Stirling Churchman (p. 47)
Heat shock factor 1 monitors the integrity of ribosome assembly
- 12.50-14.00 Lunch break
- 14.00-19.00 Excursion
- 19.00-20.30 Dinner
- 20.30-23.00 **Poster session III**

Wednesday June 13th

Session 11 - Chair: Jen Gallagher

- 9.00-9.30 Martine Collart (p. 48)
NOT1 serves as a scaffold for assembly of mRNPs with multiple functions
- 9.30-9.50 Serge Pelet (p. 49)
Promoter architecture regulates the dynamic of gene expression in the mating pathway
- 9.50-10.10 Zarmik Moqtaderi (p. 50)
Cellular factors influence the striking structural differences of neighboring 3' mRNA isoforms in vivo
- 10.10-10.40 Alain Jacquier (p. 51)
How does the SKI complex degrade ribosome-free RNA sequences?
- 10.40-11.10 Coffee/Tea break

Session 12- Chair: Guilhem Janbon

- 11.10-11.40 Jane Mellor (p. 52)
Deconstructing Transcription during the Yeast Metabolic Cycle
- 11.40-12.00 Sebastian Marquardt (p. 53)
Rules and Roles of lncRNA Transcription
- 12.00-12.20 Folkert van Werven (p. 54)
Transcription factor occupancy represses noncoding transcription nearby regulatory elements
- 12.20-12.50 Marc Bühler (p. 55)
RNAi-directed epigenetic gene silencing in fission yeast
- 13.00-15.00 Lunch break

Session 13 – Chair: Eulalia de Nadal

- 15.00-15.30 Andres Aguilera (p. 56)
The interface between transcription and replication
- 15.30-15.50 Marta Radman-Livaja (p. 57)
Gene dosage imbalance: An interplay between replication and transcription
- 15.50-16.20 Julien Soudet (p. 58)
Pervasive transcription-dependent chromatin remodeling influences the replication initiation program
- 16.20-16.40 Vincent Géli (p. 59)
MRX, Set1, and Gcn5 modulate chromatin structure at stalled replication forks to promote resection of nascent DNA and cohesin loading

16.40-17.10 Coffee/Tea break

Session 14 – Chair: Struan Murray

17.10-17.40 Toshi Tsukiyama (p. 60)

Mechanisms and functions of chromatin condensation in quiescent yeast cells

17.40-18.00 Mo Motamedi (p. 61)

Quiescent-Induced Transcriptional Silencing

18.00-18.20 Pascal Bernard (p. 62)

The role of Condensin in the control of gene expression

18.20-18.40 Lucas Carey (p. 63)

Promoter activity buffering reduces the fitness cost of misregulation

20.00- Banquet and party by the pool

Thursday June 14th

Closing session

10.00-11.00 Françoise Stutz & Domenico Libri

Discussion on future meeting organization

11.45: Bus 1

12.30: Bus 2