

**Joint meeting of the DFG-Forschergruppe 855
“Cytoplasmic regulation of gene expression”**

and the

Graduiertenkolleg 1591

**“Posttranscriptional control of gene expression: mechanisms and
role in pathogenesis “**

6.-8.10.2013

at the

Leopoldina

in Halle (Saale)



©Markus Scholz für die Leopoldina

Scientific program:

Sunday, Oct. 6th

- 16:00-17:00 Registration
17:00-17:15 Opening remarks Utz Fischer
17:15-18:00 Torben Heick Jensen:
"Terminating pervasive transcription: Promoter directionality and beyond"
19:00 Dinner "Saline"

Monday, Oct. 7th

- 8:45-9:00 Registration
1st session: Chair Niels Gehring
9:00-9:15 Christian Hauer (Kulozik group): „iCLIPing of EJC factors“
9:15-9:30 Madhuri Bhuvanagiri (Kulozik group): "Inhibition of nonsense-mediated mRNA decay (NMD) by 5-Azacytidine: Potential therapy for diseases caused by stop mutations"
9:30-10:00 Annika Brendle (Ostareck group): "hnRNP K targets MYH9 mRNA in erythroid maturation"
10:00-10:30 Christiane Harnisch (Wahle group): "Oligoadenylation promotes 3' decay of the Drosophila hsp70 mRNA"
10:30-11:00 coffee break

2nd session: Chair Christian Eckmann

- 11:00-11:45 Rafal Ciosk:
"Posttranscriptional regulation of developmental plasticity"
11:45-12:30 Helge Großhans:
"Regulating the regulators: The function and control of miRNAs"
12:30-14:00 lunch break

3rd session: Chair Andreas Kulozik

- 14:00-14:30 Christian Eckmann: "Translational control maintains a stem cell population in the adult *C. elegans* germ line"
14:30-14:45 Johannes Popow (Hentze group): "Exploration of the biological significance of newly discovered RNA binding activities"
14:45-15:00 Elisabeth Zielonka (Hentze group): "System-wide posttranscriptional responses of NIH-3T3 cells to genotoxic stress"
15:00-15:30 Tobias Raisch (Izaurralde group): "Structural basis for the recruitment of the human CCR4-NOT deadenylase complex by Nanos"
15:30-16:00 coffee break

4th session: Chair Stefan Hüttelmaier

- 16:00-16:45** René Ketting:
"small RNA pathways in animal germ cells"
- 16:45-17:30** Alexander Hüttenhofer: "Non-coding RNAs: the „dark matter“ of molecular biology-
and their involvement in human diseases"
- 19:00** Dinner at "Immergrün" for those who signed up.

Tuesday Oct. 8th

8:45-9:00 Registration

5th session Chair Christiane Rammelt

- 9:00-9:45** Walter Rossmanith: "Playing RNase P evolution: swapping the RNA catalyst for a
protein"
- 9:45-10:30** Andrzej Dziembowski:
"Human exoribonucleases in RNA metabolism and disease"

10:30-11.00 coffee break (cafeteria)

6th session Chair: Antje Ostareck-Lederer

- 11:00-11-30** Jan Medenbach: "Dissecting the mechanism of translational regulation by the RNA-
binding protein Sex Lethal"
- 11:30-12:00** Nadine Bley (Hüttelmaier group): IGF2BP1-a bona fide oncogene ?
- 12:00-12:30** Susan Friedrich (Behrens group): "The cellular AUF1 p45 protein promotes west Nile
virus replication by a methylation-enhanced RNA chaperone activity"
- 12:30-14:00** lunch break (cafeteria)

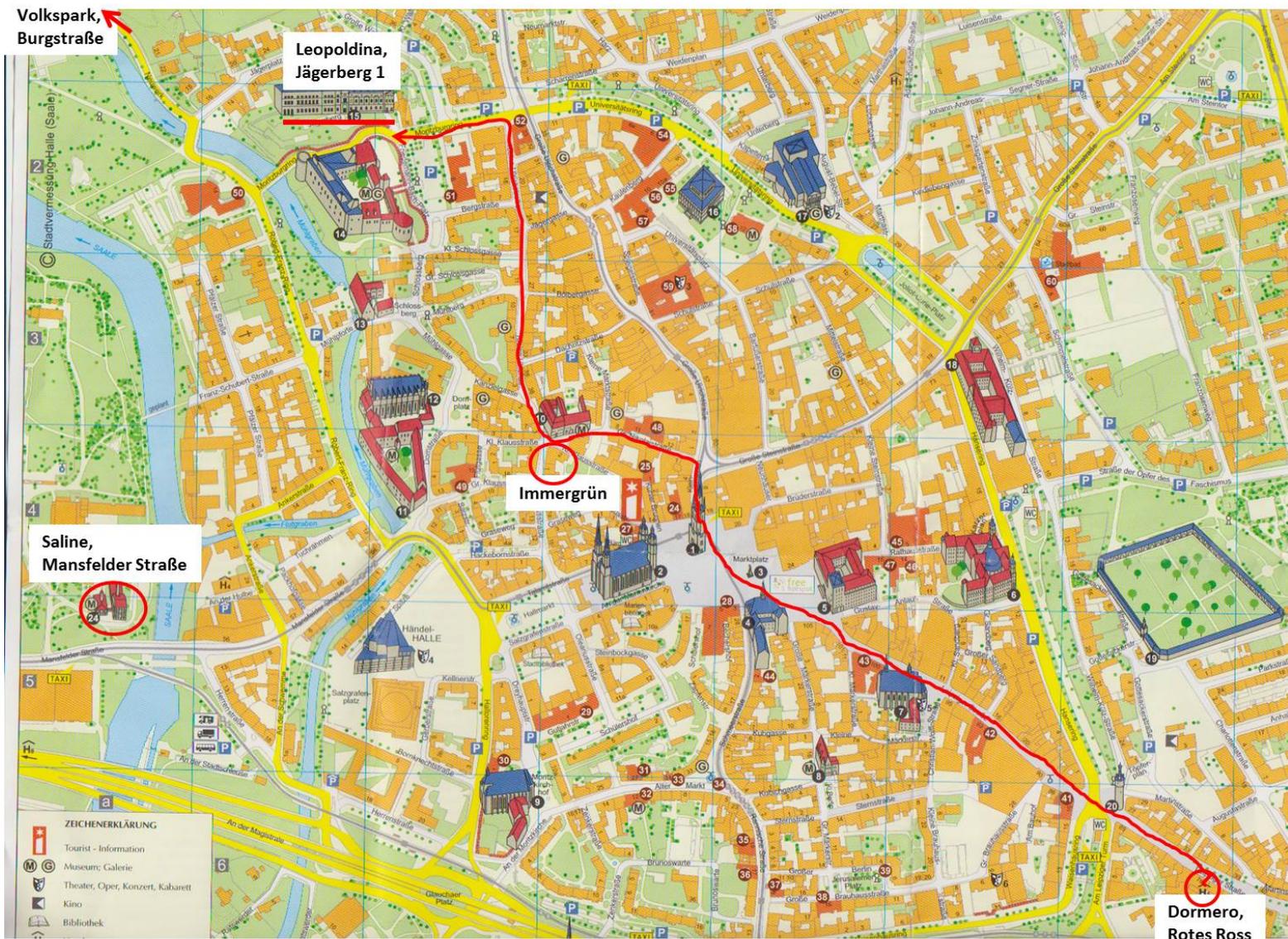
7th session Chair:Sven Behrens

- 14:00-14:30** Juliane Brock (GRK 1591, Bonas group): "The role of posttranscriptional regulation
in virulence of the plant pathogen Xanthomonas"
- 14:30-15:00** Christiane Rammelt (GRK 1591):"The mitochondrial poly(A) polymerase is involved
in tRNA editing"
- 15:00-15:30** Dierk Niessing: "In vitro assembly of functional mRNA transport complexes in
budding yeast"
- 15:30-16:00** coffee break (cafeteria)

8th session Chair: Elmar Wahle

- 16:00-16:30** Georg Stoll (Fischer group) "The topoisomerase TOP3 β is a component of FMRP-
containing mRNPs implicated in neurodevelopmental disorders"
- 16:30-17:00** Gunter Meister: "Regulation of microRNA biogenesis and function"
- 17:00-17:30** Volker Böhm (Gehring group): "Factors and elements governing endonucleolytic
cleavage during human nonsense-mediated mRNA decay"
- 19:00** Dinner at Volkspark

General information:



1. Our meeting takes place at the Leopoldina, Jägerberg 1 in Halle. It is close to the Saale river and about a 15 min. walk away from the Hotel (see map). If you want to come by car, note that you can use the parking space at “Friedemann-Bach-Platz” just opposite of the Leopoldina, but you will have to pay for it.

WiFi:

Login: konferenz Password: z4TDmjMu

Please kindly ignore the warning message and continue the procedure.

2. The registration fee is 95€ and has to be paid cash. It covers the coffee breaks and all meals except for Monday night.

3. Sunday evening at 7 pm we will have a dinner buffet at the” Saline” (Mansfelder Straße, see map), a museum dedicated to salt winning. Wine and beer are not included in the buffet but can be bought there.

4. Monday night entertainment is on your own. Just ask the local people for advice when you are looking for a restaurant. If many people want to go together, it may be necessary to make a reservation. For those of you who will have dinner at the “Immergrün”, we will meet at the restaurant, just opposite of the “Händelhaus”(Kleine Klausstraße 2, see map) at 7 pm.

5. Tuesday night we will have dinner at the “Volkspark”, Burgstraße 27. The building belongs to the “Burg-Giebichenstein”, the art school in Halle. It is a 15 min. walk away from the Leopoldina, but if you return to the hotel after the last session, you can come by tram. Just walk right towards the main train station and take the Tram Nr. 7 towards “Kröllwitz” at “Riebeckplatz”. Change at “Burg Giebichenstein” for the Tram Nr. 8 towards “Moritzburgring” and get off at the next station (=“Volkspark”) or walk the last 300 meters Burgstraße uphill. Take the ramp or the stairs. The building is recessed from the street and is hard to see from the Burgstraße. There are a few parking spaces just opposite. We will get a dinner buffet in the foyer. Since this location has a local caterer, all drinks except water will have to be purchased at the bar.

