



## workshop

*A workshop for PhD students and post-docs  
working in labs that participate in the ESF  
RNAQuality programme*

*29-30 April 2010  
Strasbourg, France*

## PROGRAMME

**Thursday April 29<sup>th</sup>**

- 9:00-9:10 **Tonnie van den Elzen**  
Welcome
- 9:10-9:30 **Lars Kristiansen**  
Remarks from ESF
- 9:30-10:00 **Hélène Gaillard (A. AGUILERA)**  
Possible involvement of the cleavage and polyadenylation factor I in the cellular response to DNA damage in yeast
- 10:00-10:30 **Maria Domínguez –Sánchez (A. AGUILERA)**  
Analysis of the role of human THO/TREX in gene expression
- 10:30-11:00 **COFFEE BREAK**
- 11:00-11:30 **Eleanor White (N. PROUDFOOT)**  
Transcription termination by RNA polymerase II
- 11:30-12:00 **Konstantina Skourti-Stathaki (N. PROUDFOOT)**  
Role of human senataxin in transcriptional elongation, termination and R-loop formation
- 12:00-12:30 **Jia Yun Zhu (G. MEISTER)**  
Identification and expression analysis of novel microRNAs of murine gammaherpesvirus 68
- 12:30-13:30 **LUNCH BREAK**
- 13:30-14:00 **Jessie Colin (D. LIBRI)**  
New paradigms for transcription regulation by non-coding unstable transcripts in yeast
- 14:00-14:30 **Nina Morgner (C. ROBINSON)**  
Fine detail mapping of the interactions of polypyrimidine tract binding protein (PTB) with the encephalomyocarditis virus IRES using directed hydroxyl radical probing and mass spectrometry
- 14:30-15:00 **Maria Eugenia Gas López (B. SERAPHIN)**  
Mapping protein interaction networks; application to the RES complex
- 15:00-15:30 **Karolina Drazkowska (A. DZIEMBOWSKI)**  
RNA pathways towards the catalytic centres of exosome complex
- 15:30-16:00 **Hélène Malet (H. SAIBIL)**  
Electron microscopy studies of the exosome
- 16:00-16:30 **COFFEE BREAK**
- 16:30-17:00 **Michal Lubas (T. HEICK-JENSEN, A. DZIEMBOWSKI)**  
Identification of novel RNA degradation pathways in human cells
- 17:00-17:30 **Maiken S. Kristiansen (T. HEICK-JENSEN)**  
The human core exosome utilizes differentially localized processive ribonucleases: hDIS3 and hDIS3L
- 17:30-18:00 **Rafal Tomecki (A. DZIEMBOWSKI)**  
Biochemical activities of human Dis3 orthologs
- 18:00-18:30 **Peter Refsing Andersen (T. HEICK-JENSEN)**  
Possible involvement of the human RNA exosome in mitochondrial RNA metabolism

**DINNER**

**Friday April 30<sup>th</sup>**

- 9:00-09:30 **Lucia Schoderboeck (M. KIEBLER)**  
The role of the double-stranded RNA-binding protein Staufen2 in neuronal development
- 9:30-10:00 **Jacki Heraud (M. KIEBLER)**  
Global RNA analysis of Staufen2 neuronal granules
- 10:00-10:30 **Georg Ammer (M. KIEBLER)**  
The mechanism of RNA transport to dendrites of hippocampal neurons
- 10:30-11:00 **COFFEE BREAK**
- 11:00-11:30 **Simon Lebaron (D. TOLLERVEY)**  
Pre-rRNA quality linked to translation initiation
- 11:30-12:00 **Tonnie van den Elzen (B. SERAPHIN)**  
Analysis of the function of Dom34 and Hbs1 in translation-coupled RNA quality control
- 12:00-12:30 **Delphine Rispal (B. SÉRAPHIN)**  
Structural and functional insights into *S. cerevisiae* Tpa1, a putative prolyl hydroxylase influencing translation termination
- 12:30-13:30 **LUNCH**

## LIST OF PARTICIPANTS

### Group Andres Aguilera

|                         |          |                      |
|-------------------------|----------|----------------------|
| María Domínguez Sánchez | student  | mariadominguez@us.es |
| Helene Gaillard         | post-doc | gaillard@us.es       |
| Cristina Tous           | post-doc | ctous@us.es          |

### Group Irene Bozzoni

|                     |          |                                 |
|---------------------|----------|---------------------------------|
| Erika Girardi       | post-doc | alphaerika@gmail.com            |
| Mariangela Morlando | post-doc | Mariangela.Morlando@uniroma1.it |

### Group Andrzej Dziembowski

|                     |          |                    |
|---------------------|----------|--------------------|
| Karolina Drazkowska | student  | reck.sc@gmail.com  |
| Rafal Tomecki       | post-doc | rtomecki@yahoo.com |

### Group Torben Heick Jensen

|                        |         |                        |
|------------------------|---------|------------------------|
| Peter Refsing Andersen | student | pra@mb.au.dk           |
| Pia Kjølhede Andersen  | student | pka@mb.au.dk           |
| Maiken Kristiansen     | student | msk@mb.au.dk           |
| Michal Lubas           | student | lubas.michal@gmail.com |

### Group Michael Kiebler

|                   |          |                                     |
|-------------------|----------|-------------------------------------|
| Georg Ammer       | student  |                                     |
| Jacki Heraud      | student  | jackiheraud@gmail.com               |
| Lucia Schoderböck | student  | lucia.schoderboeck@meduniwien.ac.at |
| Georgia Vendra    | post-doc | georgia.vendra@meduniwien.ac.at     |

### Group Domenico Libri

|                      |          |                        |
|----------------------|----------|------------------------|
| Jean-Baptiste Briand | student  | briand@cgm.cnrs-gif.fr |
| Jessie Colin         | post-doc | colin@cgm.cnrs-gif.fr  |

### Group Gunter Meister

|             |         |                    |
|-------------|---------|--------------------|
| Jia Yun Zhu | student | zhu@biochem.mpg.de |
|-------------|---------|--------------------|

### Group Nicholas Proudfoot

|                              |         |  |
|------------------------------|---------|--|
| Konstantina Skourti-Stathaki | student | konstantina.skourti-stathaki@path.ox.ac.uk |
| Eleanor White                | student | eleanor.white@pmb.ox.ac.uk                 |

### Group Carol Robinson

|              |          |                 |
|--------------|----------|-----------------|
| Nina Morgner | post-doc | nm423@cam.ac.uk |
|--------------|----------|-----------------|

### Group Helen Saibil

|              |          |                              |
|--------------|----------|------------------------------|
| Helene Malet | post-doc | h.malet@mail.cryst.bbk.ac.uk |
|--------------|----------|------------------------------|

### Group Bertrand Séraphin

|                         |          |                 |
|-------------------------|----------|-----------------|
| Tonnie van den Elzen    | student  | elzen@igbmc.fr  |
| Maria Eugenia Gas Lopez | post-doc | mgas@igbmc.fr   |
| Delphine Rispal         | student  | rispal@igbmc.fr |

### Group David Tollervey

|               |          |                             |
|---------------|----------|-----------------------------|
| Simon Lebaron | post-doc | slebaron@staffmail.ed.ac.uk |
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