

## 7<sup>th</sup> DNA Repair Workshop: Programme

### Sunday, May 22, 2016

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|-------------------------------------|---|
| 11.00-12.30                         | Registration<br>Accommodation<br>Displaying the posters   |
| 12.30-14.00                         | Lunch   |
| 14.15-14.30                         | <b>Opening Ceremony</b><br>Director's speech<br>Organizational remarks  |
| 14.30-15.30                         | <b>WORKSHOP OPENING LECTURE</b><br><b>M. Piršel</b> (Slovakia): Pleiotropy of the ERCC3 (L1)  |
| <i>Workshop 1:</i><br>Chairpersons: | <i>DNA repair and replication/transcription</i><br>B. Kysela, M. Piršel   |
| 15.30-16.15                         | <b>L. Mullenders</b> (Netherlands): Nucleotide excision repair: captivated by genome integrity maintenance and human disease (L2)     |
| 16.15-17.00                         | <b>P. J. McHugh</b> (United Kingdom): Activation of the XPF <sup>FANCO</sup> nuclease during interstrand crosslink repair by RPA (L3) |
| 17.00-17.30                         | Coffee break  |
| 17.30-18.00                         | <b>L. Čipák</b> (Slovakia): Bridging the gap between splicing defects and genome instability (L4)                                     |
| 18.00-18.30                         | <b>L. Haracska</b> (Hungary): Replication of damaged DNA: novel players and mechanisms (L5)   |
| 18.45-19.45                         | Dinner  |
| 20:00-onwards                       | Welcome party/Wine degustation in the chapel  |

## Monday, May 23, 2016

08.00-09.00 Breakfast

**Workshop 2: *Recombination and DNA double-strand break repair***  
Chairpersons: L. Mullenders, P. J. McHugh

09.00-09.45 **G. Iliakis** (Germany): Double strand break recognition and processing in cells of higher eukaryotes (L6)

09.45-10.15 **I. Belyaev** (Slovakia): Radiation-induced DNA damage response and preleukemic gene fusions in human hematopoietic stem cells (L7)

10.15-10.45 Coffee break

10.45-11.30 **L. Krejčí** (Czech Republic): RAD51 filament is inherently prone to regulation by RAD51C/XRCC3 (L8)

11.30-12.00 **M. Chovanec** (Slovakia): Post-translational modifications in the ligation step of NHEJ (L9)

12.15-14.00 Lunch

14.00-14.30 **V. Rotrekl** (Czech Republic): Missunderstanding in the crosstalk between base excision repair and microhomology mediated DNA repair triggers replication stress in human pluripotent stem cells (L10)

**Workshop 3: *Nanoparticles and DNA repair***  
Chairpersons: G. Iliakis, L. Krejčí

14.30-15.15 **B. Kysela** (United Kingdom): DNA double-strand break repair: from nanoparticles to neurons (L11)

15.15-15.45 **M. Dušínská** (Norway): Nanoparticles: a hidden hazard? (L12)

15.15-15.45 Coffee break

15.45-18.00 Free discussion time

18.00-19.00 Dinner

19.30-onwards Refreshment/Poster session

## Tuesday, May 24, 2016

- 08.00-09.00 Breakfast
- 09.00-18.30 Free day:  
1. Hike: Záruby – Devil's Glen, Occasional waterfall, Hlboča Valley, Molpir (Celtic settlement, 6<sup>th</sup> century BC)  
2. Driny cave
- 18.30-19.30 Dinner

## Wednesday, May 25, 2016

- 08.00-09.00 Breakfast
- Workshop 4: DNA Repair in clinics**  
Chairpersons: M. Chovanec, L. Haracska
- 09.00-09.45 **B. Kaina** (Germany): Targeting DNA repair and death signaling in cancer therapy with alkylating agents (L13)
- 09.45-10.15 **D. Heylman** (Germany): Sensitivity of hematopoietic cells to ionizing radiation (L14)
- 10.15-10.45 Coffee break
- 10.45-11.15 **J. Paleček** (Czech Republic): Evolution, functions and pathogenesis of the Nse3 subunit of the SMC5/6 complex (L15)
- 11.15-11.45 **Z. Šestáková** (Slovakia): Is DNA repair beyond good curability in testicular germ cell tumours? (L16)
- 12.00-14.00 Lunch
- Workshop 5: DNA damage/repair and toxicity**  
Chairpersons: B. Kaina, M. Dušinská
- 14.00-14.45 **A. Collins** (Norway): DNA repair measured with the comet assay – a human biomarker (L17)
- 14.45-15.15 **M. Šramková** (Slovakia): In vitro photoprotective effect of lavender oil (L18)
- 15.15-15.45 Coffee break

- 15.45-16.15 **M. Kieliszek** (Poland): Bioaccumulation of selenium in the cells of *Candida utilis* ATCC 9950 yeast (L19)
- 16.15-16.45 **D. Mániková** (Slovakia): Selenium toxicity and DNA damage and repair (L20)
- 17.30-18.30 Folk dance performance
- 18.30-onwards Farewell dinner

### Thursday, May 26, 2016

- 08.00-09.00 Breakfast
- 10.00 Departure