

7th DNA Repair Workshop: Programme

Sunday, May 22, 2016

11.00-12.30 Registration
Accommodation
Displaying the Posters

12.30-14.00 *Lunch*

14.15-14.30 **Opening Ceremony**
Director's speech
Organizational remarks

14.30-15.30 **WORKSHOP OPENING LECTURE**
M. Piršel (Slovakia): Pleiotropy of the ERCC3 (L1)

Workshop 1:	<i>DNA repair and replication/transcription</i>
Chairpersons:	B. Kysela, M. Piršel

15.30-16.15 **L. Mullenders** (Netherlands): Nucleotide excision repair: captivated by genome integrity maintenance and human disease (L2)

16.15-17.00 **P. J. McHugh** (United Kingdom): Activation of the XPF^{FANCO} nuclease during interstrand crosslink repair by RPA (L3)

17.00-17.30 *Coffee break*

17.30-18.00 **Ľ. Čipák** (Slovakia): Bridging the gap between splicing defects and genome instability (L4)

18.00-18.30 **L. Haracska** (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:	<i>Recombination and DNA double-strand break repair</i>
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Chairpersons:	L. Mullenders, P. J. McHugh
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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:	<i>DNA damage/repair and toxicity</i>
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Chairpersons:	G. Iliakis, M. Dušinská
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14.30-15.15 **A. Collins** (Norway): DNA repair measured with the comet assay – a human biomarker (L11)

15.15-15.45 **M. Šramková** (Slovakia): In vitro photoprotective effect of lavender oil (L12)

15.45-16.15 *Coffee break*

16.15-16.45 **M. Kieliszek** (Poland): Bioaccumulation of selenium in the cells of *Candida utilis* ATCC 9950 yeast (L13)

16.45-17.15 **D. Mániková** (Slovakia): Selenium toxicity and DNA damage and repair (L14)

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, 6th century BC)
2. Driny cave

13.30-14.30 *Lunch (for those going to Driny cave)*

18.30-19.30 *Dinner*

Wednesday, May 25, 2016

08.00-09.00 *Breakfast*

Workshop 4:	<i>DNA Repair in clinics</i>
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Chairpersons:	L. Krejčí, L. Haracska
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09.00-09.45 **B. Kaina** (Germany): Targeting DNA repair and death signaling in cancer therapy with alkylating agents (L15)

09.45-10.15 **D. Heylman** (Germany): Sensitivity of hematopoietic cells to ionizing radiation (L16)

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 (L17)

11.15-11.45 **Z. Šestáková** (Slovakia): Is DNA repair beyond good curability in testicular germ cell tumours? (L18)

12.00-14.00 *Lunch*

Workshop 5:	<i>Nanoparticles and DNA repair</i>
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Chairpersons:	B. Kaina, M. Chovanec
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14.00-14.45 **B. Kysela** (United Kingdom): DNA double-strand break repair: from nanoparticles to neurons (L19)

14.45-15.15 **M. Dušinská** (Norway): Nanoparticles: a hidden hazard? (L20)

15.15-15.45 *Coffee break*

15.45-17.30 Free discussion time

17.30-18.30 Folk dance performance

18.30-onwards *Farewell Dinner*

Thursday, May 26, 2016

08.00-09.00 Breakfast

10.00 Departure