

# FEBS Workshop Smolenice 2017 Programme

**Sunday, May 7, 2017**

- 2:45 PM      **Opening Ceremony**  
Welcoming remarks from the meeting organizers:  
Miroslav Chovanec  
Caroline Kisker  
Peter J. McHugh  
Ben Van Houten
- Session 1:      *Cellular Responses to DNA Damage***  
Session chair: Peter J. McHugh
- 3:00-3:40 PM    **Jesper Svejstrup (UK)**  
The Transcription-Related DNA Damage Response  
(Talk 1)
- 3:40-4:10 PM    **Juan Garaycochea (UK)** Alcohol-Derived and  
Endogenous Aldehydes Rearrange Chromosomes and  
Mutate Stem Cell Genomes (Talk 2)
- 4:10-4:40 PM    **Wojciech Niedzwiedz (UK)**  
EXD2 Nuclease Safeguards the Genome against  
Replicative Stress (Talk 3)
- 4:40-5:00 PM    Coffee break
- 5:00-5:30 PM    **Julian Stingele (UK)**  
Mechanism and Regulation of DNA-Protein Crosslink  
Repair by the DNA-dependent Metalloprotease SPRTN  
(Talk 4)
- 5.30-6:30 PM    **Poster presentations: “Flash talks”**
- 7:00-9:00 PM    Dinner
- 9:00 PM        Welcome reception in Chapel

## Monday, May 8, 2017

- 7:00-8:30 AM Breakfast
- Session 2: Nucleotide Excision Repair**  
Session chair: Ben Van Houten
- 8:30-9:00 AM **Orlando Schärer** (South Korea)  
Replicative and Translesion Synthesis DNA Polymerases in ICL Repair (Talk 5)
- 9:00-9:30 AM **Jean-Marc Egly** (France)  
Cockayne Syndrome A and B Proteins Regulate Transcription Arrest through a Ubiquitin/Proteasome Degradation Process (Talk 6)
- 9:30-10:00 AM **Björn Schumacher** (Germany)  
DNA Damage Response in Aging and Disease: an Organismal Perspective (Talk 7)
- 10:00-10:30 AM **Wim Vermeulen** (The Netherlands)  
TRiC Chaperonin Controls Transcription Resumption after UV Damage by Regulating Cockayne Syndrome Protein A (Talk 8)
- 10:30-11:00 AM Coffee break
- 11:00-11:15 AM **Hannes Lans** (The Netherlands)  
SWI/SNF ATPases BRM and BRG1 Promote Genome Stability by Stabilizing Nucleotide Excision Repair and Transcription Factor TFIID (Short Talk 1)
- 11:15-11:30 AM **Yasemin Turkyilmaz** (The Netherlands)  
HLTF, a Novel UV-induced TFIID Interactor that Enhances Nucleotide Excision Repair (Short Talk 2)
- 11:30-11:45 AM **Hajnalka Majoros** (Hungary)  
A Serpin Protein is Involved in Cellular Response upon UV Irradiation (Short Talk 3)
- 11:45-12:00 noon **Q&A discussion of short talks**
- 12:00-1:00 PM Lunch and free time, poster viewing

1:00-2:15 PM	<b>Career options and paths post-PhD graduation (breakout session)</b>
<b>Session 3:</b>	<b><i>ICL Repair and Fanconi Anemia</i></b>
Session chair:	Miroslav Chovanec
2:30-3:00 PM	<b>Pierre-Henri Gaillard</b> (France) Physical and Functional Interactions between SLX4 and RTEL1 (Talk 9)
3:00-3:30 PM	<b>Neil McDonald</b> (UK) Structural Biology of XPF Family Endonucleases (Talk 10)
3:30-4:00 PM	<b>Minoru Takata</b> (Japan) Regulation of Homologous Recombination by a Novel FA Protein RFWD3 (Talk 11)
4:00-4:30 PM	Coffee break
4:30-5:00 PM	<b>Puck Knipscheer</b> (The Netherlands) Acetaldehyde DNA Interstrand Crosslinks Are Repaired <i>via</i> the Fanconi Anemia Pathway and a Potentially Novel Pathway (Talk 12)
5:00-5:30 PM	<b>Helen Walden</b> (UK) Site-Specific Monoubiquitination of FANCD2 by the FANCL-FANCT Pair (Talk 13)
5:30-6:00 PM	<b>Lei Li</b> (USA) Constitutive Role of Fanconi Anemia D2 Gene in Replication Stress Response (Talk 14)
6:00-7:00 PM	<b>Free time for discussion</b>
7:00-9:00 PM	Dinner
9:00-11:00 PM	<b>Poster Session</b>

## Tuesday, May 9, 2017

7:00-9:00 AM	Breakfast
9:00-4:00 PM	Free day 1. Záruby – Devil’s Glen, Occasional waterfall, Hilboča Valley, Molpir (Celtic settlement, 6 <sup>th</sup> century BC) 2. Driny cave
<b>Session 4:</b>	<b><i>Nucleotide Excision Repair</i></b>
Session chair:	Caroline Kisker
4:00-4:30 PM	<b>Wei Yang</b> (USA) A Twin-Engine Molecular Machine That Removes DNA Lesions (Talk 15)
4:30-5:00 PM	<b>Nigel Savery</b> (UK) Links between Transcription and Repair in Bacteria (Talk 16)
5:00-5:30 PM	<b>Malcolm White</b> (UK) The Evolution and Mechanism of Nucleotide Excision Repair (Talk 17)
5:30-6:00 PM	<b>Li Fan</b> (UK) The Interactions of XPB Helicase with Nucleases (Talk 18)
6:00-6:15 PM	<b>Pawel Zawadzki</b> (Poland) UvrA Initiates Nucleotide Excision Repair by Recruiting UvrB from Solution to DNA Lesions (Short Talk 4)
6:15-6:30 PM	<b>Chiara Balbo Pogliano</b> (Switzerland) ASH1L Histone Methyltransferase Promotes Global-Genome Nucleotide Excision Repair (Short Talk 5)
6:30-6:45 PM	<b>Charlotte Hodson</b> (Australia) The Role of DNA Repair Proteins in R-loop Metabolism (Short Talk 6)
6:45-7:00 PM	<b>Q&amp;A discussion of short talks</b>
7:00-9:00 PM	Dinner
9:00-11:00 PM	<b>Poster Session</b>

## Wednesday, May 10, 2017

- 7:00-8:30 AM Breakfast
- Session 5: *ICL Repair, Fanconi Anemia and Replication***  
Session chair: Wojciech Niedzwiedz
- 8:30-9:00 AM **Johannes Walter** (USA)  
Mechanisms of Replication-Coupled Repair (Talk 19)
- 9:00-9:30 AM **John Rouse** (UK)  
RPA-Mediated Recruitment of the E3 Ligase RFD3 to DNA Inter-Strand Crosslinks (ICL) is Vital for ICL Repair and Human Health (Talk 20)
- 9:30-10:00 AM **Sharon Cantor** (USA)  
BRCA-Fanconi Pathway and the Replication Stress Response (Talk 21)
- 10:00-10:30 AM **Michael Seidman** (USA)  
Replication in the Vicinity of Absolute Blocks to Replication (Talk 22)
- 10:30-11:00 AM Coffee break
- 11:00-11:15 AM **Lonnie Swift** (UK)  
Cellular Characterization of the Human DNA Repair Exonuclease SNM1A (Short Talk 7)
- 11:15-11:30 AM **Karina Movsesian** (Czech Republic)  
Fanconi Anemia Associated RAD51 Mutations Impair Replication Fork Protection Due to Destabilization of RAD51 Filament (Short Talk 8)
- 11:30-11:45 AM **Karun Mutreja** (Switzerland)  
Replication Fork Remodelling Assists Local and Global DNA Replication upon Treatment with Interstrand Crosslinking Agents (Short Talk 9)
- 11:45-12:00 noon **Eduard Goffa** (Slovak Republic)  
Rad1/Rad10 is a Candidate Nuclease for Incision During S Phase-Specific DNA Interstrand Cross-Link Repair in Yeast (Short Talk 10)
- 12:00-12:15 noon **Q&A discussion of short talks**

12:15-1:15 PM	Lunch and free time
1:15-2:15 PM	<b>Managing a research career with a family – work/life balance (breakout session)</b>
<b>Session 6:</b> Session chair:	<b><i>Nucleotide Excision Repair</i></b> Orlando Schärer
2:30-3:00 PM	<b>Neil Kad</b> (UK) Direct Single Molecule Imaging Reveals Heterogeneity in Nucleotide Excision Repair (Talk 23)
3:00-3:30 PM	<b>Marcin Nowotny</b> (Poland) Structural and Mechanistic Studies of Structure-Selective Nucleases – RuvC and Slx1 (Talk 24)
3:30-4:00 PM	Coffee break
4:00-4:30 PM	<b>Patricia Opresko</b> (USA) DNA Excision Repair at Telomeres (Talk 25)
4:30-5:00 PM	<b>Simon Reed</b> (UK) How GG-NER Dependent UV-induced Chromatin Remodeling is Organized in the Yeast Genome (Talk 26)
5:00-5:30 PM	<b>Miroslav Piršel</b> (Slovakia) Smolenice DNA Repair Workshops: The Background Story (Special Lecture)
5:30 PM	<b>Closing ceremony</b> Closing remarks from the meeting organizers
6:30-7:30 PM	Folk dance performance
7:30 PM	Farewell dinner and disco

## Thursday, June 13, 2013

7:00-9:00 AM Breakfast and departure

