

BENZON SYMPOSIUM No. 62
Genome instability and neurodegeneration

Copenhagen, August 22-25, 2016

Organizing committee:

Lene Juel Rasmussen, Ian D. Hickson, Niels Borregaard and Finn Cilius Nielsen

Venue: Hotel Skt Petri, Krystalgade 22, 1172 Copenhagen, Denmark

Poster presentations

NAME	AFFILIATION	TITLE	Session	No.
Westendorp, Rudi	<i>Denmark</i>	Flow in Old Age	ORAL & Monday	I-01
Shanley, Daryl	<i>UK</i>	Computational modelling the cellular response to DNA damage: short term dynamics and long term consequences	ORAL & Monday	I-02
Meltser, Victoria	<i>Israel</i>	Specific accumulation of p73 protein in irradiation-induced micronuclei	ORAL & Monday	I-03
Zarnani, Kiyana and Rostrup, Egill	<i>Denmark</i>	Imaging genetic association of cognitive function in an ageing cohort	Monday	I-04
Østergaard, Vibe Hallundbæk	<i>Denmark</i>	Investigations of Chromosomal Fragile Sites in the Avian Cell Line DT40	Monday	I-05
Lindestrand-Hansen, Thomas	<i>Denmark</i>	How Mitochondrial Fitness Impact Telomere Homeostasis	Monday	I-06
Jensen, Helge Leander B.	<i>Norway</i>	The DNA Nucleotide Excision Repair Profile in Blood and Brain Tissue from Patients with Alzheimer's disease	Monday	I-07
Voutsinos, Vasileios	<i>Denmark</i>	Impact of deregulation of dNTP pools on expression of large genes	Monday	I-08
Fakouri, Nima Borhan	<i>Denmark</i>	Rev1 Deficiency Leads to PARP1 activation and Mitochondrial Dysfunction	Monday	I-09
El-Khamisy, Sherif	<i>UK</i>	Defective chromosomal break repair in spinal muscular atrophy	ORAL & Tuesday	II-01
Bjerregaard, Victoria Alexandra	<i>Denmark</i> <i>Presenting author</i>	Folic Acid Deficiency Induces Anaphase DNA Bridges At The Fragile X Locus	ORAL & Tuesday	II-02
Liu, Ying	<i>Denmark</i>	Folic Acid Deficiency Induces Anaphase DNA Bridges At The Fragile X Locus	Tuesday	II-02
Kirkwood, Thomas	<i>UK</i>	Aging, damage and repair: how complicated can it be?	ORAL & Tuesday	II-03
Stevnsner, Tinna	<i>Denmark</i>	Regulation of base excision repair in the aging human brain	ORAL & Tuesday	II-04

BENZON SYMPOSIUM No. 62
Genome instability and neurodegeneration

Copenhagen, August 22-25, 2016

Organizing committee:

Lene Juel Rasmussen, Ian D. Hickson, Niels Borregaard and Finn Cilius Nielsen

Venue: Hotel Skt Petri, Krystalgade 22, 1172 Copenhagen, Denmark

Poster presentations

NAME	AFFILIATION	TITLE	Session	No.
Desler, Claus	<i>Denmark</i>	Increased deoxythymidine triphosphate levels is a feature of relative cognitive decline	ORAL & Tuesday	II-05
Zheng, Jin	<i>Denmark</i>	The effects of Tau in DNA repair and DNA protection in AD models	Tuesday	II-06
Laube, Bodo	<i>Germany</i>	Effects of ionizing radiation on neural stem cells during differentiation	Tuesday	II-07
Kim, Yumi	<i>Germany</i>	Recurrent somatic variations in normal ageing brain	Tuesday	II-08
Larsen, Dorthe Helena	<i>Denmark</i>	Nucleolar regulation of the WRN helicase	Tuesday	II-09
Rinholm, Johanne Egge	<i>Norway</i>	Mitochondria in oligodendrocytes and their myelin sheaths	Tuesday	II-10
Blasius, Melanie	<i>Denmark</i>	New roles for 14-3-3 proteins in RNA metabolism and cellular stress responses	Tuesday	II-11
Maynard, Scott and Bartek, Jiri	<i>Denmark</i>	Base excision repair and cellular respiration are compromised in lamin A/C-depleted cells	Tuesday	II-12
Akbari, Mansour	<i>Denmark</i>	Role of APTX deficiency in mitochondrial dysfunction and AOA1 pathology	Tuesday	II-13
Alfo, Marina	<i>Israel</i>	Catalytically inactive Atm abrogates DSB repair more than Atm absence, without causing a marked neurological phenotype	Tuesday	II-14
Jensen, Poul Henning	<i>Denmark</i>	Reduced cytosolic calcium caused by SERCA activation is an early and pathogenic event in the cellular stress caused by alpha-synuclein oligomers	Tuesday	II-15
Radhakrishnan, Kanagaraj	<i>UK</i>	Resolving RNA-DNA Damage-Induced Genomic Instability: Where There Is SETX, There Is a Way	ORAL & Wednesday	III-01
Hanzlikova, Hana	<i>UK</i>	XRCC1 Mutations in Human Neurological Disease	ORAL & Wednesday	III-02
Aqeilan, Rami	<i>Israel</i>	Role of tumour suppressor WWOX, gene product of a common fragile site, in brain development and neurodegeneration	ORAL & Wednesday	III-03

BENZON SYMPOSIUM No. 62
Genome instability and neurodegeneration

Copenhagen, August 22-25, 2016

Organizing committee:

Lene Juel Rasmussen, Ian D. Hickson, Niels Borregaard and Finn Cilius Nielsen

Venue: Hotel Skt Petri, Krystalgade 22, 1172 Copenhagen, Denmark

Poster presentations

NAME	AFFILIATION	TITLE	Session	No.
Scheibye-Knudsen, Morten	<i>Denmark</i>	Neurodegeneration in Accelerated Aging	ORAL & Wednesday	III-04
Lillenes, Meryl Sønderby	<i>Norway</i>	Altered DNA base excision repair profile in brain tissue and blood in Alzheimer's disease	ORAL & Wednesday	III-05
Tønjum, Tone	<i>Norway</i>	On the Brain-Gut axis: Differential expression of DNA repair pathways in human brain and mucosal gut tissue	ORAL & Wednesday	III-06
Morland, Cecilie	<i>Norway</i> <i>Presenting author</i>	A novel mechanism for exercise-induced angiogenesis in the brain	ORAL & Wednesday	III-07
Bergersen, Linda	<i>Norway</i>	A novel mechanism for exercise-induced angiogenesis in the brain	Wednesday	III-07
Storm-Mathisen, Jon	<i>Norway</i>	A novel mechanism for exercise-induced angiogenesis in the brain	Wednesday	III-07
Ayoub, Nabieh	<i>Isreal</i>	NELF-E Facilitates Transcription Silencing at DNA Double-Strand Breaks and Promotes DNA Repair	ORAL & Wednesday	III-08
Mastroberardino, Pier Giorgio	<i>The Netherlands</i>	DNA repair is an aging-related modifier of Parkinson's disease	ORAL & Wednesday	III-09
Lia, Debora	<i>France</i>	Targeting of proteins involved in repair of oxidative DNA damage to the mitochondria	Wednesday	III-10
Moro, Maria Luisa	<i>UK</i>	Age-related changes in APP and amyloid beta driving Alzheimer's pathology	Wednesday	III-11
Kirtay, Murat	<i>Germany</i>	Crosstalk between notch signaling and DNA damage response pathways	Wednesday	III-12
Thomsen, Kirsten Joan	<i>Denmark</i>	Increased heterogeneity of mitochondrial size is associated with decreased complex I-linked respiration in cortex and hippocampus during brain aging	Wednesday	III-13

BENZON SYMPOSIUM No. 62
Genome instability and neurodegeneration

Copenhagen, August 22-25, 2016

Organizing committee:

Lene Juel Rasmussen, Ian D. Hickson, Niels Borregaard and Finn Cilius Nielsen

Venue: Hotel Skt Petri, Krystalgade 22, 1172 Copenhagen, Denmark

Poster presentations

NAME	AFFILIATION	TITLE	Session	No.
Bak, Sara Thornby and Pena-Diaz, Javier	<i>Denmark</i>	Identification of mismatch repair associated factors involved in the genomic instability of Huntington's disease	Wednesday	III-14
Morevati, Marya	<i>Denmark</i>	The Impact of Dysfunctional Mitochondrial on Tau	Wednesday	III-15
Diget, Elisabeth Holm	<i>Denmark</i>	Age-related cognitive decline and the G-protein coupled lactate receptor	Wednesday	III-16
Khoronenkova, Svetlana	<i>UK</i>	SSB signalling and neurodegeneration in Ataxia Telangiectasia	Wednesday	III-17
Sepe, Sara	<i>Italy</i>	DNA damage and DNA damage response in Alzheimer's disease	Wednesday	III-18
Ibanez-Tallon, Ines	<i>USA</i>	The use of membrane tethered Ca _v channel toxins for long-term silencing of circuits controlling social and emotional behaviors	Wednesday	III-19