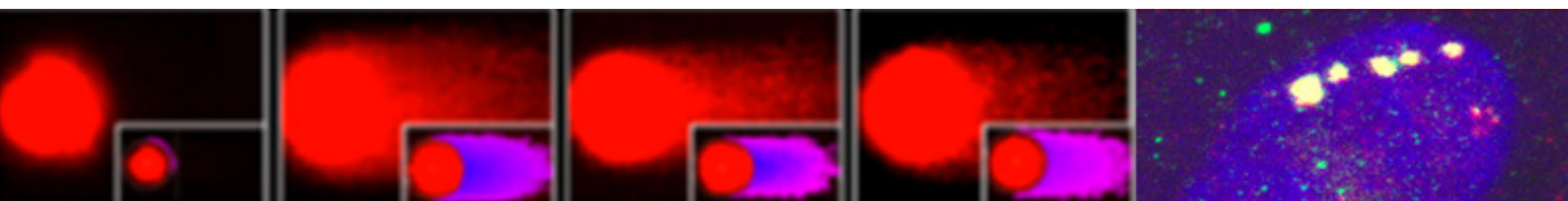


Conference on Cell Biology and Radiobiology



8-10/9/2016 BRNO, CR
Satellite conference to
6th International Conference on
Genomics & Pharmacogenomics
September 12-14, 2016 Berlin, Germany

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Venue and accommodation

Institute of Biophysics of CAS, v. v. i. Královopolská 135, 612 65 Brno, Czech Republic

Program Overview

Thursday

19⁰⁰

8/9/2016

Welcome Dinner at BUTCHEER'S

Friday

Opening remarks

9⁰⁰

9/9/2016

RNDr. Martin Falk, Ph.D. (IBP CAS, Brno, CR) and RNDr. Iva Falková (IBP CAS, Brno, CR)

Key note speaker

9¹⁵-10¹⁵

Prof. Dr. Michael Hausmann Ph.D. (Kirchhoff-Institut für Physik, Heidelberg, Germany)

Challenges for localization microscopy and fluorescent nano-probing: Walking through the nano-cosmos of the cell

Invited lectures: New & Notable

10¹⁵-10⁴⁵

RNDr. Michal Masařík, Ph.D. (Masaryk University, Faculty of Medicine, Department of Pathological Physiology, Brno, CR)
Study and characterization of primary tumour cell lines of head and neck carcinoma and their malignant potential

Invited lectures

10⁴⁵-11⁰⁵

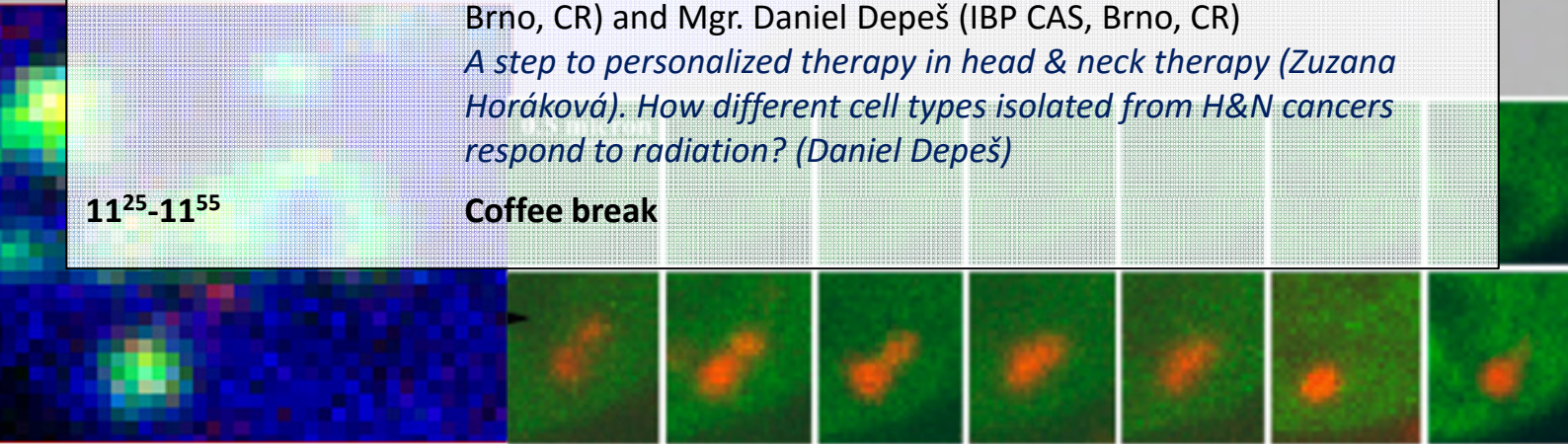
Prof. RNDr. Jiří Fajkus, CSc. (CEITEC, Brno, CR; IBP CAS, Brno, CR)
Telomere and rDNA dynamics after CAF-1 restoration

11⁰⁵-11²⁵

MUDr. Zuzana Horáková Ph.D. (St. Anne's University Hospital, Brno, CR) and Mgr. Daniel Depeš (IBP CAS, Brno, CR)
A step to personalized therapy in head & neck therapy (Zuzana Horáková). How different cell types isolated from H&N cancers respond to radiation? (Daniel Depeš)

11²⁵-11⁵⁵

Coffee break



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11⁵⁵-12¹⁵

Prof. RNDr. Bořivoj Klejdus, Ph.D. (Mendel University in Brno, Brno, CR)

Metabolic profiling – DESI MSI (Desorption Electrospray Ionization Mass Spectrometry Imaging)

12¹⁵-12³⁵

Ing. Marie Davidková, Ph.D. (Nuclear Physics Institute CAS, Prague, CR)

Response of normal human fibroblasts to irradiation by protons and alpha particles

12³⁵-13³⁵

Lunch

Lectures

13³⁵-13⁴⁵

RNDr. Jana Fukalová (BioTech s.r.o., Prague, CR)

Lionheart FX Automated Live Cell Imager and Cytation 5 Cell Imaging Multi-Mode Reader

13⁴⁵-14⁰⁰

Doc. MUDr. et Mgr. Alena Furdová, Ph.D., MPH, MSc. (Ophthalmology Clinic, University Hospital in Bratislava, Bratislava, SK)

Postradiation Complications after Stereotactic Radiosurgery for Uveal Melanoma

14⁰⁰-14¹⁵

Ing. Václav Štěpán, Ph.D. (Nuclear Physics Institute CAS, Prague, CR)

Geant4-DNA capabilities for studying radiation action on subcellular and cellular level

14¹⁵-14³⁰

Ing. Anna Michaelidesová (Nuclear Physics Institute CAS, Prague, CR)

When proton meets a cell

14³⁰-14⁴⁵

Mgr. Martin Golan (Institute of Physics of CAS, Prague, CR)

Viability of cryopreserved cells, state of their nuclei and cryoprotectants' properties

14⁴⁵-15⁰⁵

Coffee break

Invited lectures

15⁰⁵-15²⁵

Erika Porcel, Ph.D. (University Paris Sud, Paris, France)

Nanoparticles in proton and heavy ion therapy

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15²⁵-15⁴⁵

Doc. MUDr. et Mgr. Alena Furdová, Ph.D., MPH, MSc.
(Ophthalmology clinic University hospital in Bratislava, Bratislava, SR)

BRAF gene mutations in patients with posterior uveal melanoma

15⁴⁵-16⁰⁵

RNDr. Karel Angelis, CSc. & Mgr. Radka Vágnerová
(Institute of Experimental Botany CAS, Prague, CR)

*DNA-repair and mutagenesis in the moss *Physcomitrella patens**

16⁰⁵-16²⁵

Prof. Roger Martin Ph.D. (Peter MacCallum Cancer Centre, Melbourne, Australia)

New DNA-binding radio protectors for topical application to normal tissues at risk in cancer radiotherapy

18³⁰

Conference dinner at Hradní vinárna

Saturday

10/9/2016

10⁰⁰-10¹⁵

RNDr. Iva Falková (IBP CAS, Brno, CR)

Relationship between chromatin structure and chromosomal rearrangements in myelodysplastic syndromes

10¹⁵-10³⁰

RNDr. Martin Falk, Ph.D. (IBP CAS, Brno, CR)

The mechanism of metal-nanoparticle mediated tumor cell radiosensitization - is nuclear DNA breakage necessary?

E-posters and topic-oriented video conferences

10³⁰-11³⁰

Dr. Georg Lars Hildenbrand Ph.D. (Kirchhoff Institute for Physics, Heidelberg, Germany)

PML/RAR α nuclear distribution analyzed by SPDM/SMI microscopy

11³⁰-11⁵⁰

Coffee break

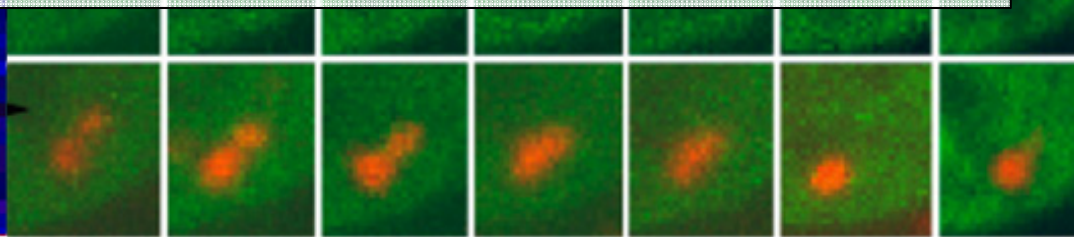
11⁵⁰-12⁵⁰

Ing. Lucie Ježková, Dr. Alla Boreyko, Prof. Evgeny Krasavin
(Joint Institute for Nuclear Research (JINR), Dubna, Russia)

Biological effects of accelerated ions tracks

12⁵⁰-13¹⁰

Coffee break



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E-posters and topic-oriented video conferences

13¹⁰-14¹⁰

Dr. Ivan Dellino Ph.D. and Dr. Mario Faretta Ph.D. (European Institute of Oncology (EIO), Milan, Italy)

New discoveries in acute promyelocytic leukemia (APL) pathogenesis

14¹⁰-14³⁰

Coffee break

14³⁰-15³⁰

Prof. Dr. Malik Maaza, Prof. Slabbert Kobus (UNESCO UNISA Africa Chair in Nanosciences & Nanotechnology; Africa & International Relations Manager, iThemba LABS-NRF, Cape Town, South Africa)

Towards new horizons in nanoparticle mediated in nanoparticle mediated tumor cell radiosensitization

Closing remarks

15³⁰-15⁴⁵

RNDr. Martin Falk, Ph.D. (IBP CAS, Brno, CR) and RNDr. Iva Falková (IBP CAS, Brno, CR)

15⁴⁵

Sightseeing

Scientific Committee:

Martin Falk (IBP CAS, v.v.i., Brno, Czech Republic)

Stanislav Kozubek (IBP CAS, v.v.i., Brno, Czech Republic)

Rhona Anderson (Brunel University, London, Great Britain)

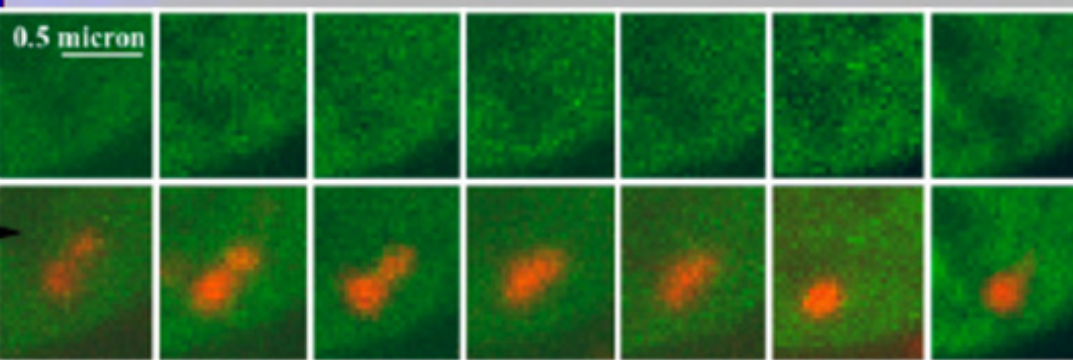
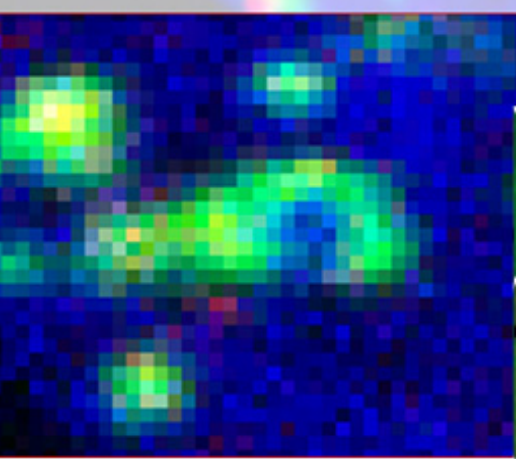
Leoš Navrátil (Czech Technical University in Prague, Prague, Czech Republic)

Organizing Committee & Contacts

Iva Falkova (IBP CAS, v.v.i., Brno, Czech Republic), +420-541517116, +420-606207584

Martin Falk (IBP CAS, v.v.i., Brno, Czech Republic) +420-541517116, +420-728084060

Hana Krivankova (Secretariat of IBP CAS, v.v.i., Brno, Czech Republic)



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Maps:

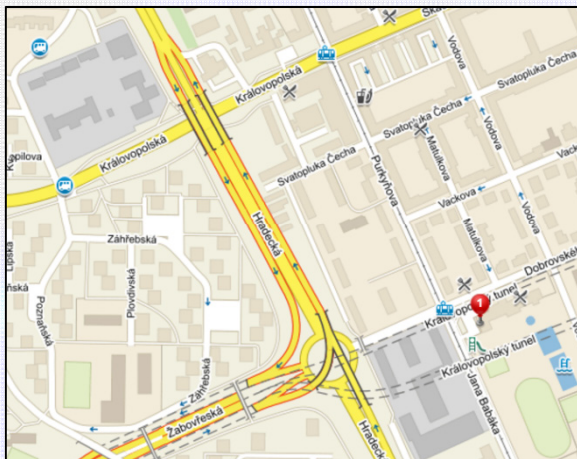
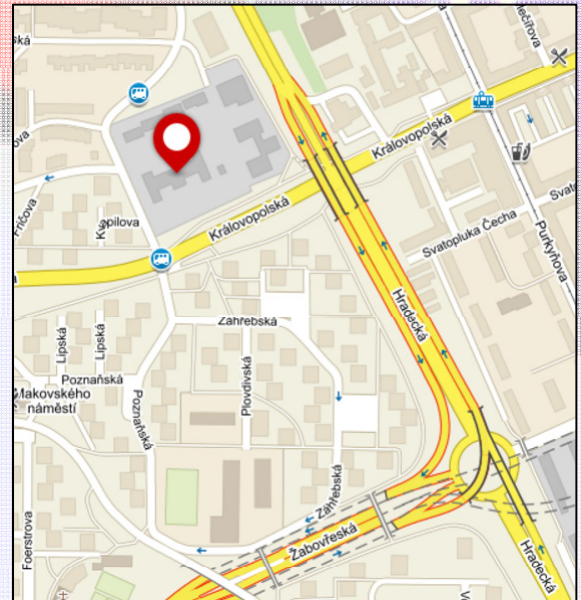
Conference Venue

Institute of Biophysics of the CAS, v. v. i.

Královopolská 135, 612 65

Brno, Czech Republic

<http://ibp.cz>



Welcome Dinner at BUTCHEER'S

By tram no. 12 (1st stop) direction main train station

Dobrovského 29, Brno

<http://www.butchers.cz>

Conference dinner at Hradní vinárna

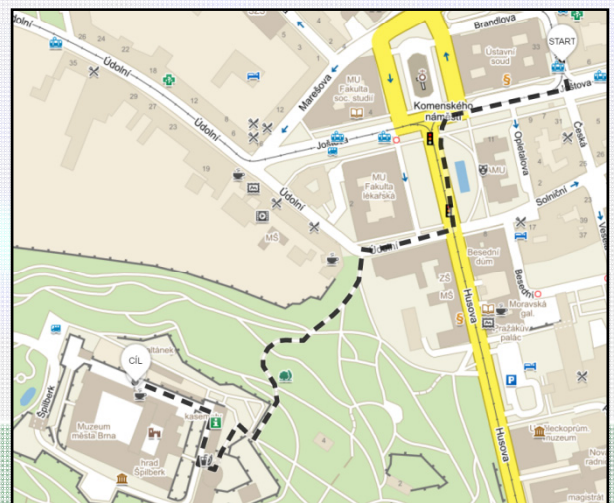
By tram no. 12 to stop Česká

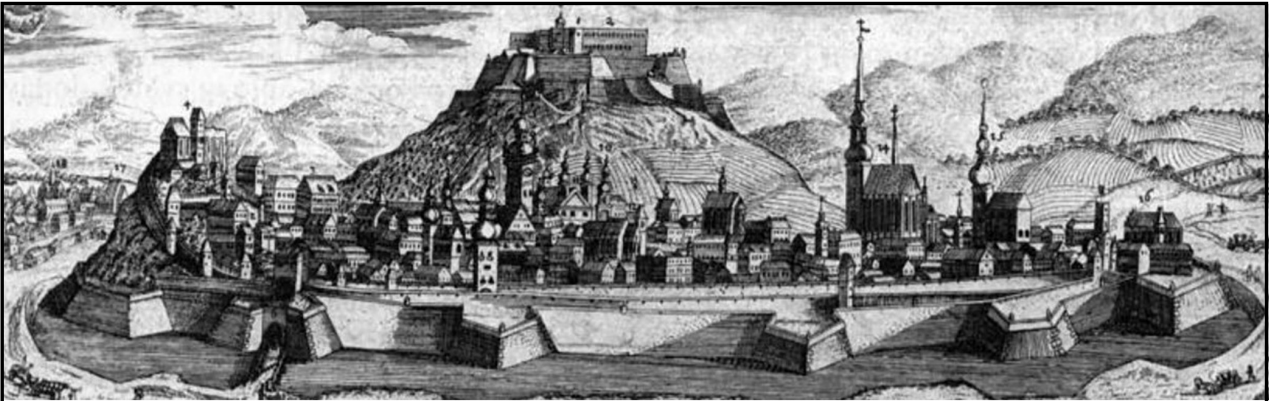
then by foot

Špilberk 1, Brno

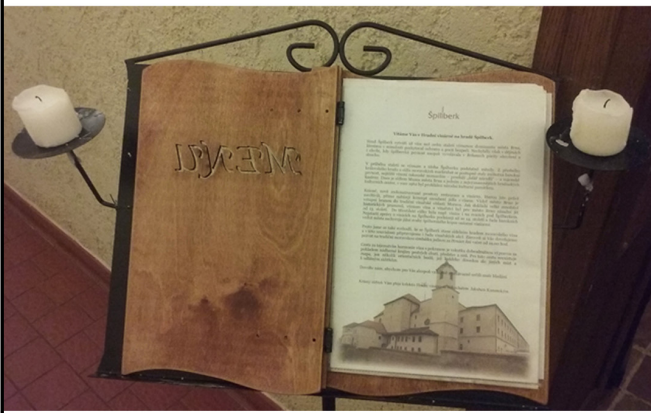
<http://www.hradnivinarna.cz>

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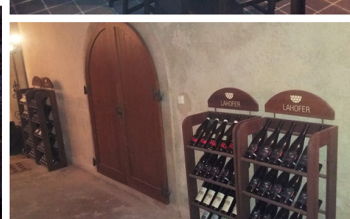




CONFERENCE DINNER



SPILBERK CASTLE SPILBERK CASTLE RESTAURANT & WINE CELLAR

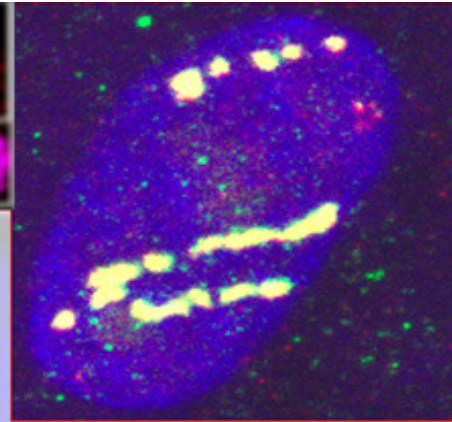
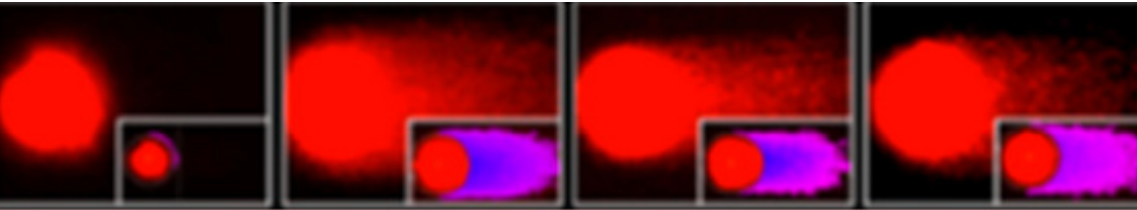


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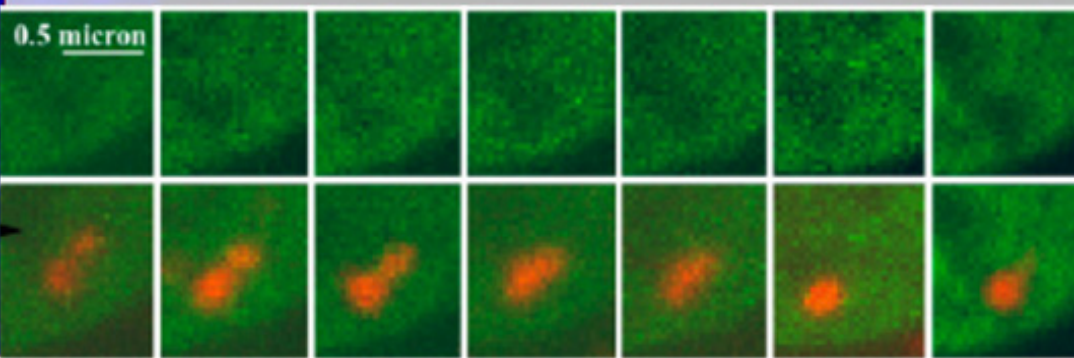
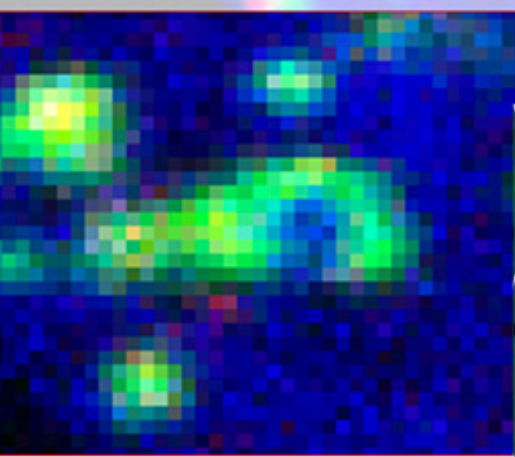


Information for Speakers

We would like to inform the speakers about the possibility to prepare their lectures in the 16:9 ratio format. Actually, our audiovisual presenting system is 'aesthetically' better compatible with this format though the 3:4 ratio is, of course, also possible.

We also kindly ask the speakers to upload their lectures onto the local computer prior to their lectures, rather than to use their own laptops.

WiFi (conference room): CCBR2016 / Brno2016



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