**Rozpis přednášek Aplikovaná genomika a proteomika – podzim 2014**

**dle rozvrhu: úterý, 14.00-15.50, A2-2.11 - není li uvedeno jinak**

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| Datum, čas, místo | přednášející | Název a další údaje |
| 25.9. (Thu), Semin. místnost A3, 10.00 | **Andrew Leitch**, Queen Mary Univ. London, UK | Plants can have huge genome sizes - why? |
| 7.10. | **Jerome Dejardin**,  INSTITUTE of HUMAN GENETICS,  CNRS  Montpellier, France | Redundant mechanisms to form silent chromatin at pericentromeric regions |
| 13. 10. A11-205, 9.00-9.50 | **Joana Sequeira Mendes** | Linear organization of the Arabidopsis genome: lessons from chromatin motifs |
| 13.10., A11-205, 10.00-10.50 | **Joana Sequeira Mendes** | DNA replication origins landscape in Arabidopsis thaliana |
| 14.10. | **Vojtěch Hudzieczek I**nstitute of Biophysics ASCR | TALEN |
| 21.10., 18.30 Best Western Hotel International Brno | **Jack Johnson**, The Scripps Research Institute | Biophysical studies of non-enveloped virus maturation: insights into elegantly programmed nano-machines. |
| 21.10., 19.30 Best Western Hotel International Brno | **Jochen Feldmann** *Ludwig Maximilians-Universtity Munich* | Nanoplasmonics – from biosensing to biomonitoring |
| 22.10. 9.00-10.30 Best Western Hotel International Brno | **Steven Buratowski** (Harvard Medical School)  **Edward N. Trifonov** (University of Haifa)  **Dirk Eick**(Ludwig Maximilians-Universtity Munich). | Shaping the eukaryotic transcriptome with chromatin and non-coding RNA.  Strong nucleosomes: from chromatin to chromosome structure.  Function of RNA polymerase II CTD modifications |
| 22.10. 16.50-17.50 Best Western Hotel International Brno | **Marek Mráz** (CEITEC)  **Lumír Krejčí** (Masaryk University)  **Shona Murphy** (University of Oxford) | The role of microRNAs in the B cell receptor signalling and microenvironmental interactions  in B cell malignancies.  DNA repair as a therapeutic target.  Control of transcription elongation by pol II CTD kinases |
| 23.10. Best Western Hotel International Brno, 9.00-10.30 | **Charles I. White** (GReD)  **Ingo A. Schubert** (IPK - Gatersleben)  **Jiří Friml** (CEITEC MU, IST Austria) | Recombination - genetic instability versus genome maintenance  DNA double-strand break repair at the molecular and the chromosomal level  Auxin-mediated polarity and patterning in plant development |
| 24.10. Best Western Hotel International Brno, 11.00-12.30 | **Antony W. Oliver** (University of Sussex)  **Evžen Bouřa** (ÚOCHB AV ČR)  **Pavel Plevka** (CEITEC) | Assembling the DNA damage checkpoint machinery  Combination of Xtal,SAXS, DEER and FRET data.  Development of inhibitors against viruses from the order Picornavirales |
| 4. 11. | **Peter Kolesár** (Mendel Centre for Plant Genomics and Proteomics, CEITEC MU) | Analysis of ubiquitin ligases using proteomic approaches. |
| 12. 11.  A3 seminar room  1 p.m. | **Gerda Egger (**Clinical Institute of Pathology, Medical University of Vienna, Austria) | EPIGENETICS OF ANAPLASTIC LARGE CELL LYMPHOMA-ONCOGENE DRIVEN ALTERATIONS IN THE TUMOR EPIGENOME |
| 19. 11.  A2 seminar room  1 p.m. | **Maxim D. Frank-Kamenetskii**  Boston University, USA | Biophysics of DNA |
| 25.11.  A3 seminar room  10.00 a.m. | **Marcus Heisler** (EMBL, Heidelberg) | My path towards trying to understand plant development |
| 9. 12. | **Thomas Greb** (GMI, Vienna) | Regulation of Lateral Plant Growth (provisional title) |