



Next generation genome mapping with Irys system

bionano
GENOMICS



Date:

12th - 13th of September, 2017

Place:

Laboratories of IAB and Molecular Immunology
Palacky University, Hnevotinska 3, Olomouc

Topic:

Genome optical mapping: technology and application

Registration:

Regina Fillerova, fillerova@accela.eu, +420 731 127 718
till 28th of August, 2017

Cost of participation:

200 EUR (150 EUR without accommodation)

Workshop



ACCELA

Accelerate your biomedical research

Day one

| | |
|---------------|--|
| 09:00 - 10:00 | Introduction to Irys technology |
| 10:00 - 12:00 | Theory: Sample preparation |
| 12:00 - 13:00 | Lunch |
| 13:00 - 17:00 | Practical part: Isolation of HWM DNA and plug preparation from human blood |
| 18:00 | Social dinner |

Day two

| | |
|---------------|--|
| 09:00 - 10:00 | DNA quantitation |
| 10:00 - 11:00 | Transfer labelling DNA to Irys chip for scanning, Irys run |
| 11:00 - 12:30 | IrysView data analysis software, Genome map use |
| 12:30 - 13:30 | Lunch |
| 13:30 - 15:30 | Bioinformatics - examples of analysis |

