Single cell and spatial transcriptomics symposium

01 07 2021 godzina 10:00
Wrocław, ul. Weigla 12
aula im. prof. Ślopka

- **1. Biology at true resolution: Resolving complex biology at the single cell level.**
  speaker: Agnieszka Ciesielska PhD, STA 10x Genomics CEE&Israel&Russia CIS

2. **Breaking the barriers with spatial transcriptomics with Visium Spatial Gene Expression**
   speaker: Agnieszka Ciesielska PhD, STA 10x Genomics CEE&Israel&Russia CIS

3. **The untold story of 10x Visium Transcriptomics: our hands-on experience**
   speaker: Daniel Zucha PhD, Institute of Molecular Genetics, Czech Academy of Sciences

Organizatorzy:

dr hab. n med. Edyta Pawlak, IITD PAN
dr hab. Sabina Gorska, IITD PAN
dr Monika Chaszczewska-Markowska, IITD PAN

Single Cell Gene Expression
Measure gene activity on a cell-by-cell basis and characterize cell populations, cell types, and more.

Single Cell Multiome ATAC + Gene Expression
Measure gene expression and open chromatin simultaneously from the same cell, across thousands of cells.

Single Cell ATAC
Measure epigenetics by detecting open chromatin regions.

Single Cell Immune Profiling
Measure the activity of immune cells and their targets.

Spatial Gene Expression
Measure spatial gene expression patterns across a tissue sample.

Targeted Gene Expression
Profile a defined set of transcripts from single cells or tissue sections.