

Hybrid Workshop Programm

Day 1

25th October 2023

Fundamentals of Transcriptomics Data Analysis



Date: 25th October – 27th October, 2023

Location: Center of Molecular Biosciences (ZMB), Am Botanischen Garten 11, 24114 Kiel, Germany

12:00 Registration, meet & greet

Online Session I: Theoretical Background

13:00 Introduction: **NGS and Transcriptomics**
Janina Fuß, CCGA

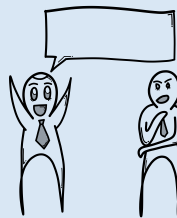
13:50 Introduction: **Bulk RNAseq**
Neha Mishra, IKMB

14:40  Break

15:00 Introduction: **Single Cell Analysis with 10x Genomics**
Joana Pimenta Bernardes, IKMB

15:50 Break 

16:20 On-site **Flash Talks**



Participants present their
research to each other

17:45  Social Dinner & Quiz night



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Day 2

26th October 2023

Fundamentals of Transcriptomics Data Analysis



Date: 25th October – 27th October, 2023

Location: Center of Molecular Biosciences (ZMB), Am Botanischen Garten 11, 24114 Kiel, Germany

Online Session II: Single Cell Transcriptomics

09:00 BD Rhapsody & Integration with Spatial Transcriptomic Data

Hannah Dörpholz, FZ Jülich

09:50  Break

10:05 Hands-on Session **Data Analysis Single Cell Part I**

Neha Mishra & Joana Pimenta Bernardes, IKMB

12:05 Lunch 

13:00 Hands-on Session **Data Analysis Single Cell Part II**

Neha Mishra & Joana Pimenta Bernardes, IKMB

16:00  Break

Online

16:15 Spatial Transcriptomics: an Overview from Wet to Dry Lab

Caterina Carraro, DZNE

18:00  Social Dinner & Networking with members of the PMI



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Day 3

27th October 2023

Fundamentals of Transcriptomics Data Analysis



Date: 25th October – 27th October, 2023

Location: Center of Molecular Biosciences (ZMB), Am Botanischen Garten 11, 24114 Kiel, Germany

Online Session III: Spatial Transcriptomics

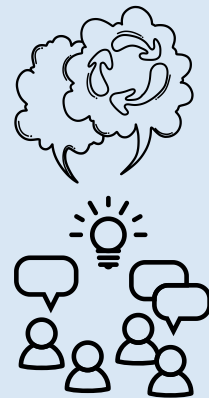
09:00 Introduction: **10x Visium**
Florian Tran, IKMB

09:55 Hands-on Session **Data Analysis**
Archana Bhardwaj, IKMB

12:25



Lunch & Closing Remarks



Register
&
learn with us!



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