

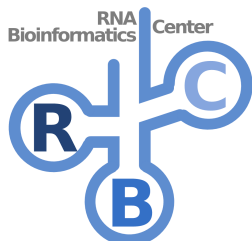
October 4 @ 8:15 am - October 6 @ 4:00 pm

de.NBI/de.STAIR Training Course: A primer for RNA-Seq
processing, interpreting and visualization

Participants Brochure

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Universität
Rostock



Traditio et Innovatio



UNIVERSITÄT
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de.STAIR - Schedule

October 4 @ 8:15 am - October 6 @ 4:00 pm

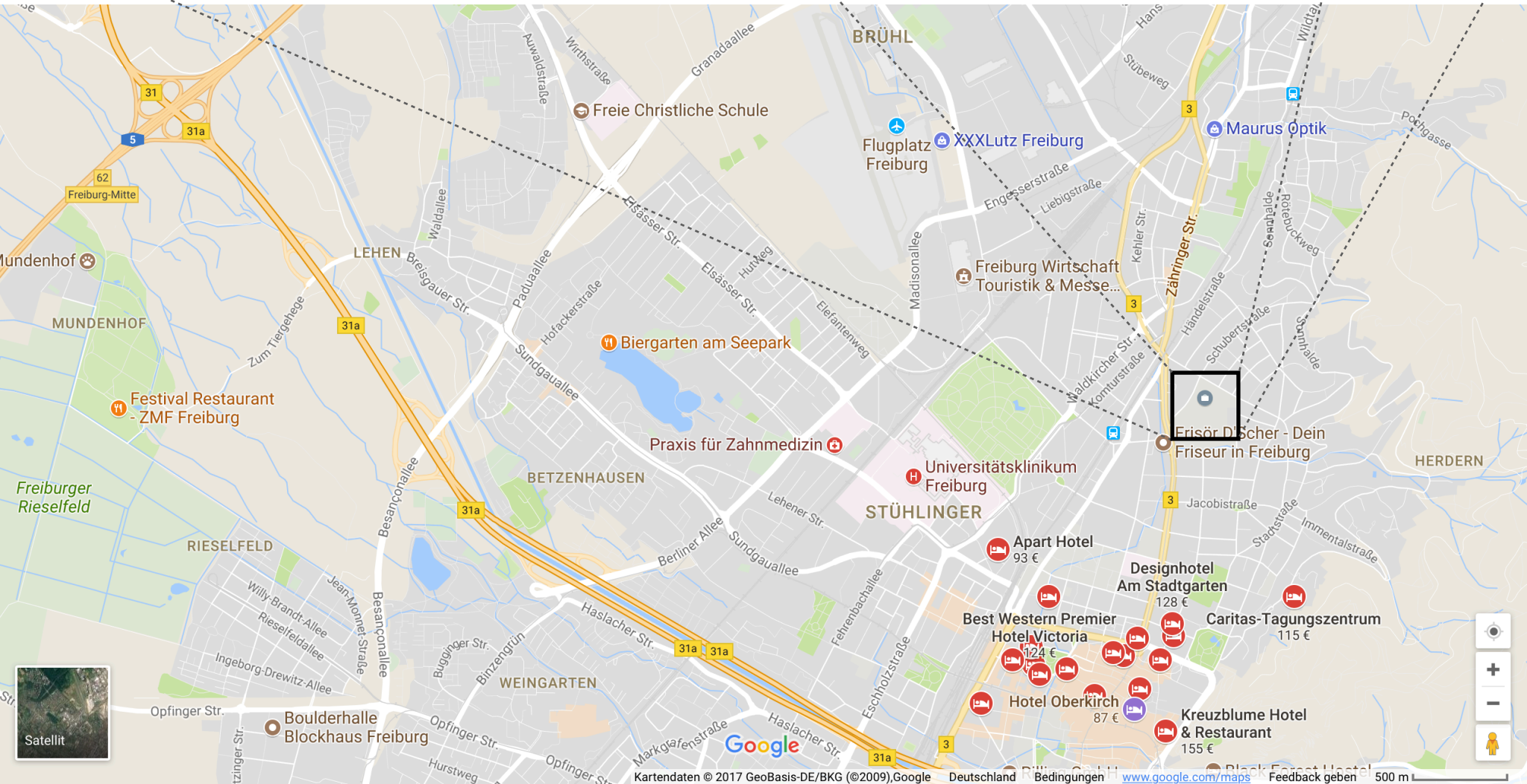
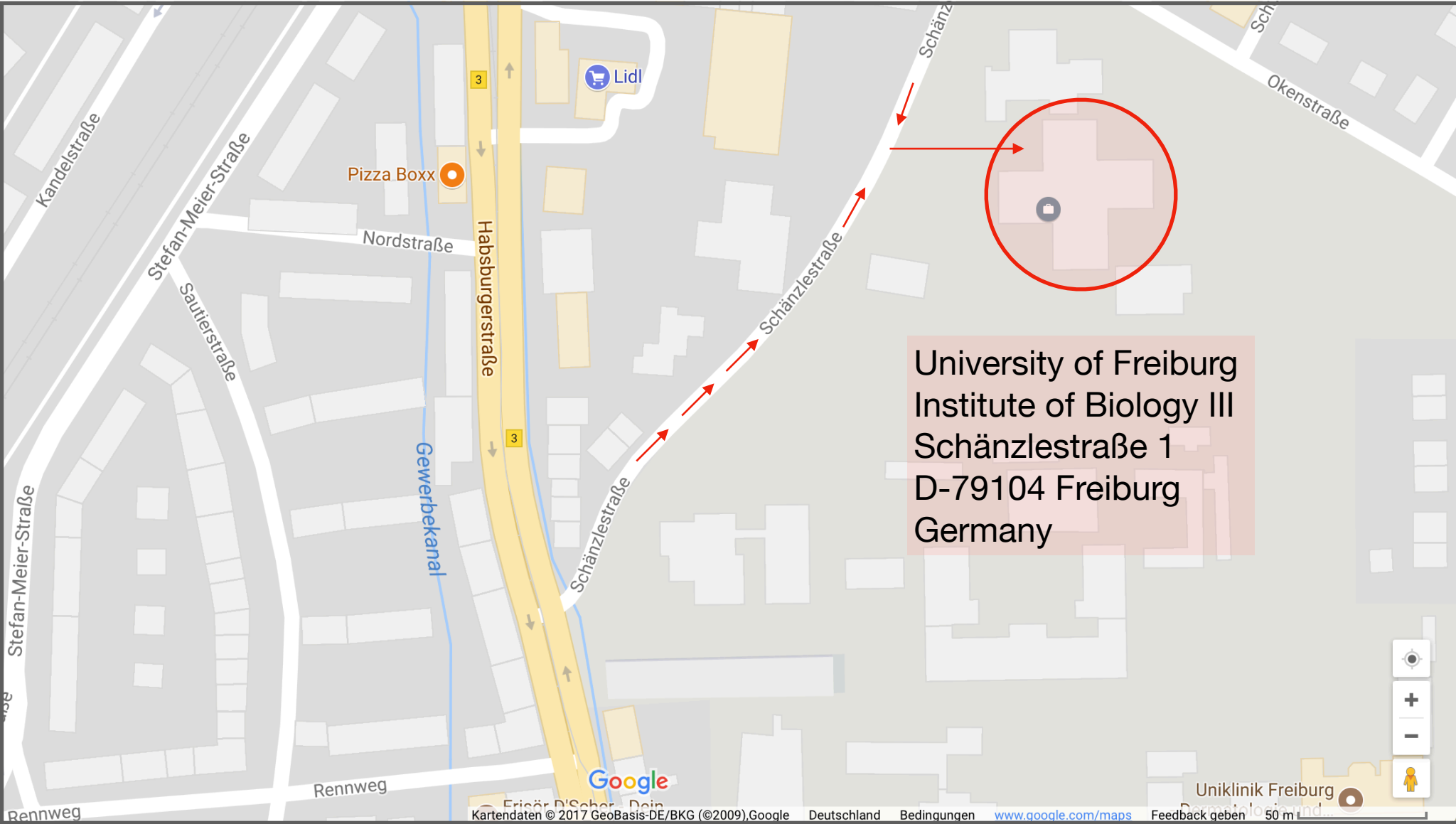
Time	Day 1 - Wednesday	Room
08:15 - 09:15	Registration	00006a
09:15 - 09:45	Welcome and Training Course Outline	CIP
09:45 - 10:30	RNA-Seq Techniques	CIP
10:30 - 10:45	Coffee Break	00006a
10:45 - 11:30	From Samples to Data	CIP
11:30 - 12:15	Unix/Linux Command Line	CIP
12:15 - 14:00	Lunch	00006a
14:00 - 14:45	Unix/Linux Command Line	CIP
14:45 - 15:30	Setup Docker and Galaxy	CIP
15:30 - 16:00	Coffee Break	00006a
16:00 - 16:45	Galaxy Demonstration	CIP
16:45 - 17:30	Discussion	CIP
18:00 - 19:00	Poster Presentation	00006a
19:15	Dinner	00006a

Time	Day 2 - Thursday	Room
08:30 - 09:00	Welcome Coffee and Pastries	00006a
09:15 - 09:45	RNA-Seq Data Preprocessing	CIP
09:45 - 10:30	Alignment Strategies	CIP
10:30 - 11:00	Coffee Break	00006a
11:00 - 11:45	Fundamentals of Alignment Statistics	CIP
11:45 - 12:30	Gene Expression Quantification using Galaxy	CIP
12:30 - 14:00	Lunch	00006a
14:00 - 14:45	Gene Expression Quantification using Galaxy	CIP
14:45 - 15:30	RNA-Seq Visualization Methods using Galaxy	CIP
15:30 - 16:00	Coffee Break	00006a
16:00 - 16:45	TBA	CIP
16:45 - 17:30	Discussion	CIP
18:00	Dinner	00006a

Time	Day 3 - Friday	Room
08:30 - 09:00	Welcome Coffee and Pastries	00006a
09:15 - 09:45	Introduction into small non-coding RNAs (sRNAs)	CIP
09:45 - 10:30	Homology Prediction of sRNAs	CIP
10:30 - 11:00	Coffee Break	00006a
11:00 - 11:45	Introduction into Metatranscriptomics	CIP
11:45 - 12:30	Metatranscriptomic Analysis using Galaxy	CIP
12:30 - 14:00	Lunch	00006a
14:00 - 14:45	Metatranscriptomic Analysis using Galaxy	CIP
14:45 - 15:30	Interactive Workflows for Galaxy	CIP
15:30 - 16:00	Coffee and Good Bye	00006a

de.STAIR - Location

public transport: From the city center, you can take tram number 4 and get off at station “Hauptstraße”. In order to reach the “Institute of Biology III”, it takes only a few minutes by foot.



de.STAIR - Accommodation Suggestions

Hotel Motel One Freiburg

Friedrichring 1, 79098 Freiburg im Breisgau

motel-one.com

0761 12069900

Stadthotel Freiburg

Karlstraße 7, 79104 Freiburg im Breisgau

hotel-freiburg.de

0761 31930

Super 8 Freiburg

Zita-Kaiser-Straße 34, 79106 Freiburg im Breisgau

super8freiburg.de

0761 5900900