

16:10 - 16:30 **Discussion**

CRC 1310 Midterm Meeting November 8-9, 2019

Friday, Nove	ember 8
14:30 - 14:35 14:35 - 15:10	Welcome and Introduction Project B4
45.40 45.45	Co-evolution of gut microbiota and immune cells during ageing in killifish
15:10 - 15:45	Predictability of <i>E. coli</i> evolution in the mammalian gut
15:45 – 16:10	Coffee Break
16:10 - 16:45	Project B1 Against all odds: The evolution of HIV-1-directed broadly neutralizing antibodies
16:45 - 17:20	Project B5
17:20 - 17:55	Co-evolution of viruses and immune repertoires across scales Project B3
	Adaptive immune control of evolving pathogens
18:00 – 20:00	Discussion and Dinner
Saturday, N	ovember 9
09:00 - 09:35	Project B2 Predicting viral-immune co-evolution
09:35 - 10:10	· · · · · · · · · · · · · · · · · · ·
	Cellular mechanisms of drug resistance evolution
10:10 - 10:35	Coffee Break
10:35 - 11:10	Project A2
11:10 - 11:45	Predicting evolutionary pathways to β-lactam resistance
11.10 - 11.43	A predictive fitness model for cross-species evolution
11:45 - 12:20	
	Metabolic fitness landscapes for evolutionary predictions
12:20 – 13:30	Lunch discussion
13:30 - 14:05	
14:05 - 14:40	Fitness effects of cross-species gene transfer in bacteria Project B6
	Evolutionary models for spatially structured tumors
14:40 - 15:00	Coffee Break
15:00 - 15:35	
15:35 - 16:10	Project B8
10.00	Predicting patterns of adaptation to radio-chemotherapy in cancer

Venue: Institute for Biological Physics, Zülpicher 77a, Conference Room S 0.03 Ground Floor