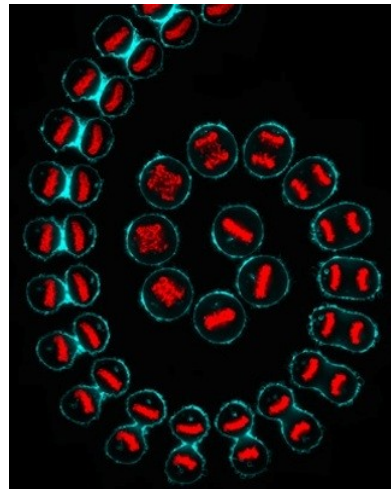


PROGRAM OF SEMINAR IN MATHEMATICAL BIOLOGY (WS 2012/13)

**PRINCIPLES OF CANCER DEVELOPMENT:
MECHANISMS AND MATHEMATICAL MODELS**



SEMINAR DATES & TOPICS	TITLES OF SUBTOPIC (<i>Host</i>)	SPEAKERS
28 TH NOVEMBER, 2012 SESSION 1	1A Cancer and environment - lessons from epidemiology	Barbara Klink
	1B The biology of colon cancer	Khalil Abouelaradat
	1C Neutral evolution and the pretumor progression of colon cancer	Marta Matos
12 TH DECEMBER, 2012 SESSION 2	2A A hierarchical probability model of colon cancer	Katrin Böttger
	2B Statistical mechanics models of colon cancer	Robert Müller
	2C Mutations - types, mechanisms and probabilities	Nadine Hohmann
16 TH JANUARY, 2013 SESSION 3	3A Pathways and Toxicology I	Betty Friedrich
	3B Pathways and Toxicology II	Eleni Christodoulou
	3C Pathways and Toxicology III	Michael Seifert
30 TH JANUARY, 2013 SESSION 4	4A Introduction to hormone driven cancers	
	4B Mathematical modeling of breast cancer	
	4C Mathematical modeling of prostate cancer	
TIME AND LOCATION 15.00 - 18.00 , INF 3105, Dept. of Computer Science, Nöthnitzer Str. 46		
SEMINAR WEBSITE www.tu-dresden.de/die_tu_dresden/zentrale_einrichtungen/zih/lehre/bio/ws1213_sem		
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