

2018 Annual Meeting of the Society for Mathematical Biology & the Japanese Society for Mathematical Biology

Monday 09 July 2018

Cancer & therapies: Part A - New Law School/--020 (15:00-16:00)

-Conveners: Ali Mahdipour-Shirayeh

time	[id] title	presenter
15:00	[10] Optimal control analysis of a mathematical model for breast cancer	Mr OKE, Segun
15:20	[9] Mathematical modelling of the immune response to cancer: an individual based approach	Ms MACFARLANE, Fiona
15:40	[19] Predicting the response of breast cancer to neoadjuvant chemotherapy with an imaging-driven, mechanics-coupled, reaction-diffusion model accounting for patient-specific therapeutic regimens	JARRETT, Angela M.

Wednesday 11 July 2018**Cancer & therapies: Part B - New Law School/--104 (15:00-17:00)****-Conveners: Angela Jarrett**

time	[id] title	presenter
15:00	[14] Investigating the role of iron in cancer progression via a multiscale computational model	Dr LAUBENBACHER, Reinhard
15:20	[493] Evolutionary cancer therapy	Dr ANDERSON, Alexander
15:40	[207] Discriminating response across treatments using the patient-specific model-derived days gained metric	Dr SINGLETON, Kyle
16:00	[439] Mathematical modelling for cancer recurrence caused by premalignant lesions formed before the first treatment	Mr TAKAKI, Mitsuaki
16:20	[277] An experimental-computational approach for predicting the spatial-temporal response of tumour and vasculature to radiation therapy	Dr HORMUTH II, David A.
16:40	[31] A mathematical light on initiation of colorectal and intestinal cancer	Dr MAHDIPOUR-SHIRAYEH, Ali