

Alberto d'Onofrio

DEPARTMENT OF EXPERIMENTAL ONCOLOGY, EUROPEAN INSTITUTE OF ONCOLOGY, MILAN, ITALY

e-mail: alberto.donofrio@ifom-ieo-campus.it

Malay Banerjee

DEPARTMENT OF MATHEMATICS AND STATISTICS INDIAN INSTITUTE OF TECHNOLOGY KANPUR, INDIA

The interplay between delays and bounded noises in immune reaction to tumors

In this talk we shall summarize some recent results concerning the subtle interplays existing between the statistical fluctuations of the baseline levels of immunity and the delays in the tumor-stimulated activation of the immune system. We set our analysis in the framework of the theory of bounded noises.