

March 29, 2017, 16:00-16:30

Philipp GETTO

BCAM External Scientific Member

STEM CELLS POPULATION DYNAMICS AND DELAY DIFFERENTIAL EQUATIONS

I will present a stem cell population dynamics model formulated as a differential equation with state dependent delay. I will focus on analytical results but will also touch on numerical, statistical and experimental results and prospective results achieved or planned in collaboration with present and former BCAM members Elena Akhmatskaya, Yukihiro Nakata and Julia Sanchez as well as CIC BioGUNE lab leader Maria del Mar Vivanco.