Work Plan 1

Duration: 12 months

Activity: Determination of landscape potential.
Duration: 1st to 3rd months

Activity: Characterization of the attraction basins corresponding to the luminal, HER+ and triple negative subtypes.
Duration: 4th month

Activity: Characterization of the potential landscape for determining key genes for the transition between attraction basins.
Duration: 5th month

Activity: Characterization of transition trajectories between basins.
Duration: 6th month

Activity: Use of global sensitivity analysis of the topography of the epigenetic landscape to determine the key interactions for the transition between basins of attraction.
Duration: 7th and 8th months

Activity: Generate stochastic simulations to characterize transition probabilities between attraction basins.
Duration: 9th month

Activity: Validate the results with well-established behaviors in the literature.
Duration: 10th and 12th months

Activity: production of an article for publication in a high-impact interdisciplinary journal.
Duration: 10th and 12th months