

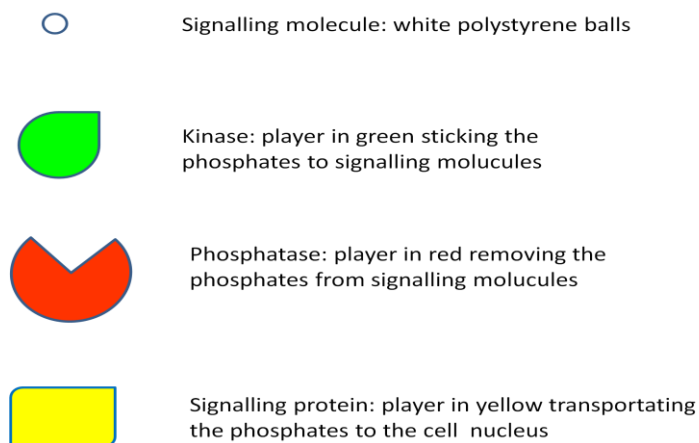
## The cell signalling game - instructions:

Each player gets a t-shirt in green (kinases), red (phosphatases) or yellow (signalling proteins). The signalling molecules are small polystyrene balls attached with sticky strips, as well as the yellow t-shirts which can be fixed with them. A signalling protein must have three signalling molecules to transport them to the cell nucleus. The aim of the play is to keep the cell healthy. The state of the cell depends on the number of signalling molecules:

**90 to 110 balls: cell proliferation**

**> 90 balls: cell death**

**< 110: cancer growth**



How to play the game:

