

Yeast Systems Biology

by

Assist. Prof. Pınar Pir

Gebze Technical University – Department of Bioengineering

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Pınar Pir studied chemical engineering at the Boğaziçi University in İstanbul, and focused on systems biology of respiratory deficient mutant strains of yeast *Saccharomyces cerevisiae* in her PhD studies. She joined Prof. Stephen G. Oliver's group at the University of Manchester (Faculty of Life Sciences) in 2006 as a postdoctoral research associate, and continued her work on genetic control of growth rate in *S. cerevisiae* at the University of Cambridge (Cambridge Systems Biology Center). She took part in Robot Scientist (Adam and Eve) projects in collaboration with Prof. Ross King's research group, contributed to further improvements on genome-wide yeast metabolic model Yeast 4 in collaboration with Prof. Pedro Mendes' research group. She worked for BioSyntha Technology Limited (previously part of Novacta Biosystems Limited) on metabolic engineering of microorganisms for production of biofuels. Pınar joined the Le Novère Lab at the Babraham Institute in 2012 as a senior postdoctoral research associate, she worked on mathematical modelling of signalling pathways in cancer cells and stem cell differentiation in mouse embryos. She was appointed as an Assistant Professor in the Department of Bioengineering at the Gebze Technical University in 2015. She teaches Python, biostatistics and systems biology of stem cells and cell fate. Her research interests include biofuels, systems biology of cancer and stem cells.