

PUBLICATIONS

Dr. Anssi M. Malinen (in the field of transcription only)

[6] Prajapati RK, Rosenqvist P, Palmu K, Mäkinen JJ, Malinen AM, Virta P, Metsä-Ketelä M, Belogurov GA (2019) *Nucleic Acids Research*, 47(19):10296-10312. Oxazinomycin arrests RNA polymerase at the polythymidine sequences.

[5] Duchi D, Mazumdera A, Malinen AM, Ebright RH, Kapanidis AN (2018) *Nucleic Acids Research*, 46(14):7284-7295. The RNA polymerase clamp interconverts dynamically among three states and is stabilized in a partly closed state by ppGpp.

[4] Dulin D, Bauer DLV[#], Malinen AM[#], Bakermans JJW, Kaller M, Morichaud Z, Petushkov I, Depken M, Brodolin K, Kulbachinskiy A, Kapanidis AN. (2018) *Nature Communications* 9(1):1478. Pausing controls branching between productive and non-productive pathways during initial transcription in bacteria.

[3] Malinen AM, Turtola M, Belogurov GA (2015) *Methods in Molecular Biology*, 1276:31-51. Monitoring translocation of multisubunit RNA polymerase along the DNA with fluorescent base analogues.

[2] Malinen AM, NandyMazumdar M, Turtola M, Malmi H, Grocholski T, Artsimovitch I, Belogurov GA (2014) *Nature Communications*, 5:3408. CBR antimicrobials alter coupling between the bridge helix and the β subunit in RNA polymerase.

[1] Malinen AM, Turtola M, Parthiban M, Vainonen L, Johnson MS, Belogurov GA (2012) *Nucleic Acids Research*, 40(15):7442-7451. Active-site opening and closure mediates translocation of multisubunit RNA polymerase.

[#] equal contribution