

Detection of single cancer cells in patient blood and bone marrow

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The talk will be a presentation of how we at The Norwegian Radium Hospital can select and transfer single cells from a solution and then do RT-PCR. For this kind of applications we use the CellPick system from Nikon/MMI Molecular Machines & Industries AG. We will introduce the system and how it works. Present we are working on detection of single cells in patient blood and bone marrow. We will present our results so far. Also we would like to present some other projects we plan to work on in future by using this automated system for manipulation of living cells in suspension.