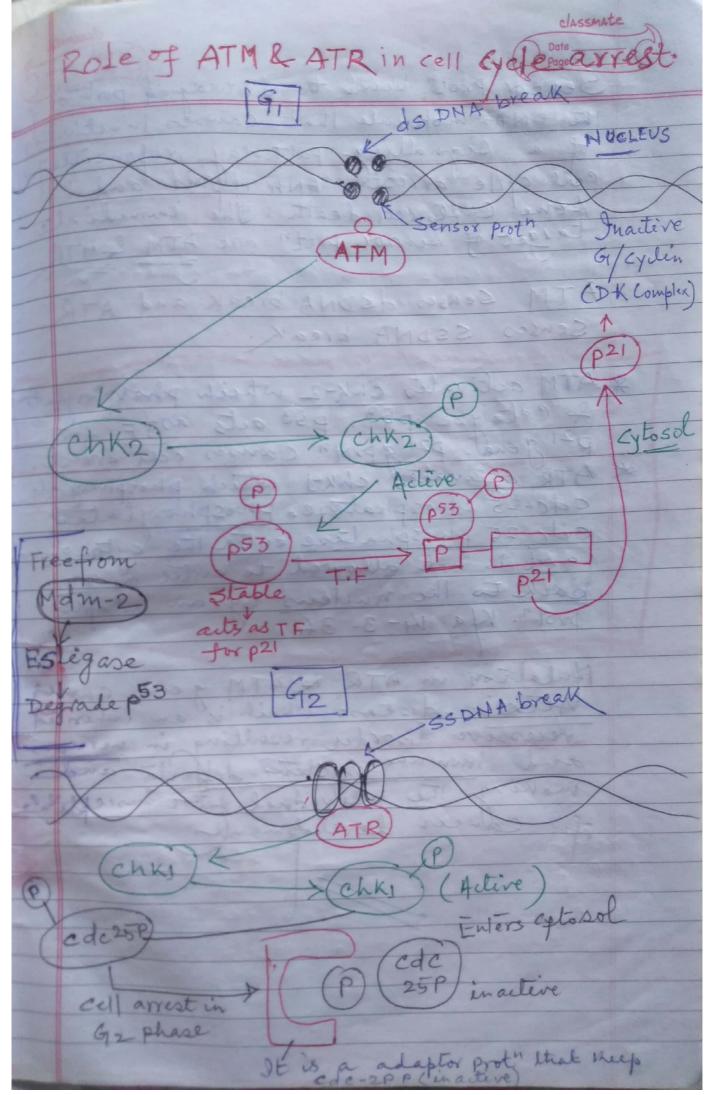
Cell Cycle check Point The progression of cell cycle. I call agale arrest it any of 1 observation is seen! damage DN



classmate Solors HOS NI STA & MTA TO Page Sensor prot" bend to damaged portion of the DNA molecule that causes inactivation of a Signalling pathway responsible for call cycle arrestly DNA repair and in Some case, cell death. The immediate target of Sensor prot's are ATM & ATR ATM Senses dSDNA break and ATR Senses SSDNA break. \* ATM activales chk-2 which phosphorylate & catalyze p53. p53 acts asTF for p21 gend. p21 g protin courses cell arrest. ATR activates chk-1 which phosphorylate cdc-25 phosphatase. phosphorylated edc 25 phosphalise enter the cytosol and is not allowed to enter or, go pack to the nucleus by an adaptive Droth. Ma 14-3-36 Atteria disease which is an inherited recessive disorder resulting in nervous and immune system defects and making the judividual more Insceptible for coneer development