

PSII: photosystem II.

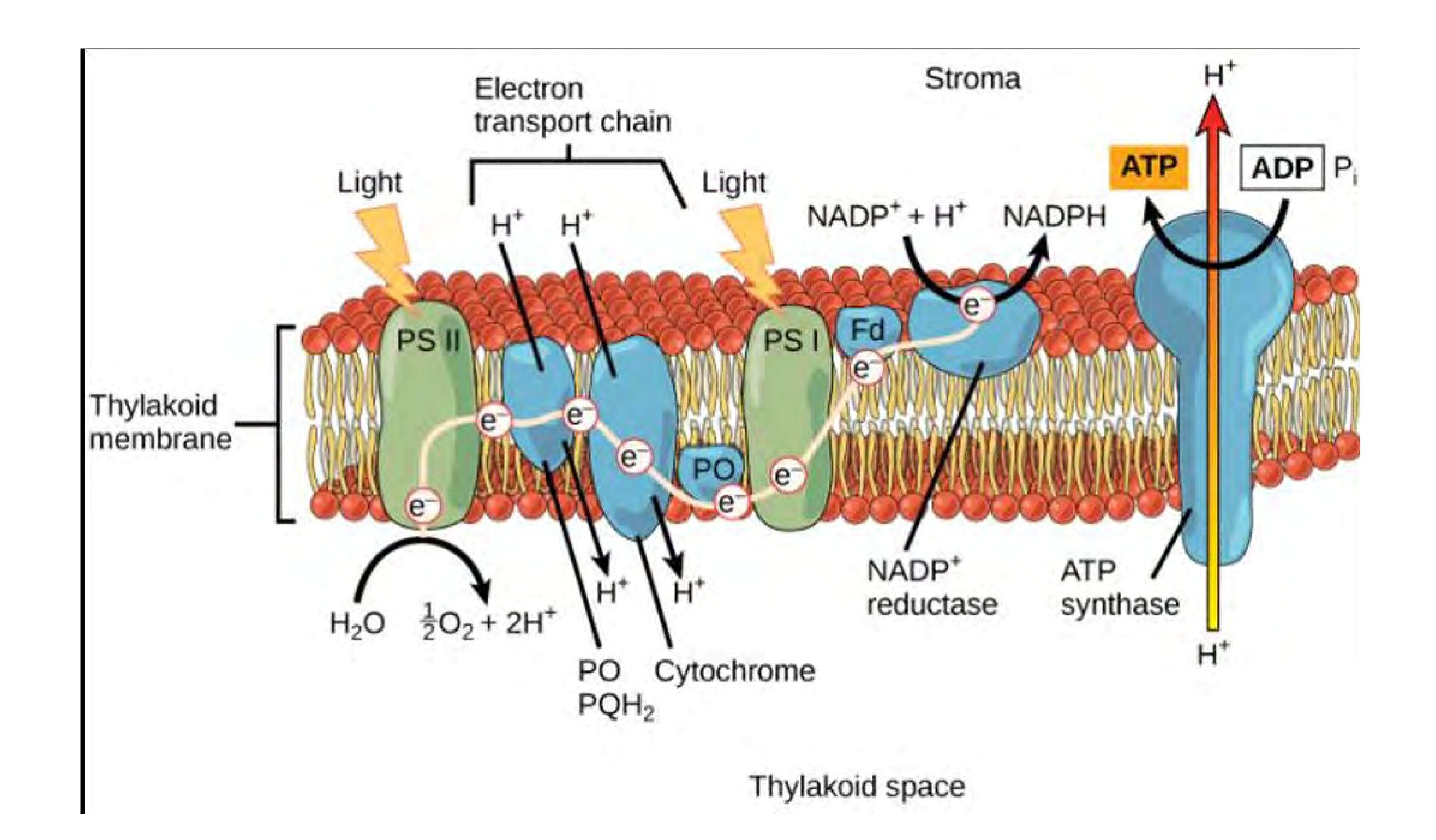
OUTPUT ON THE RIGHT DRAWING

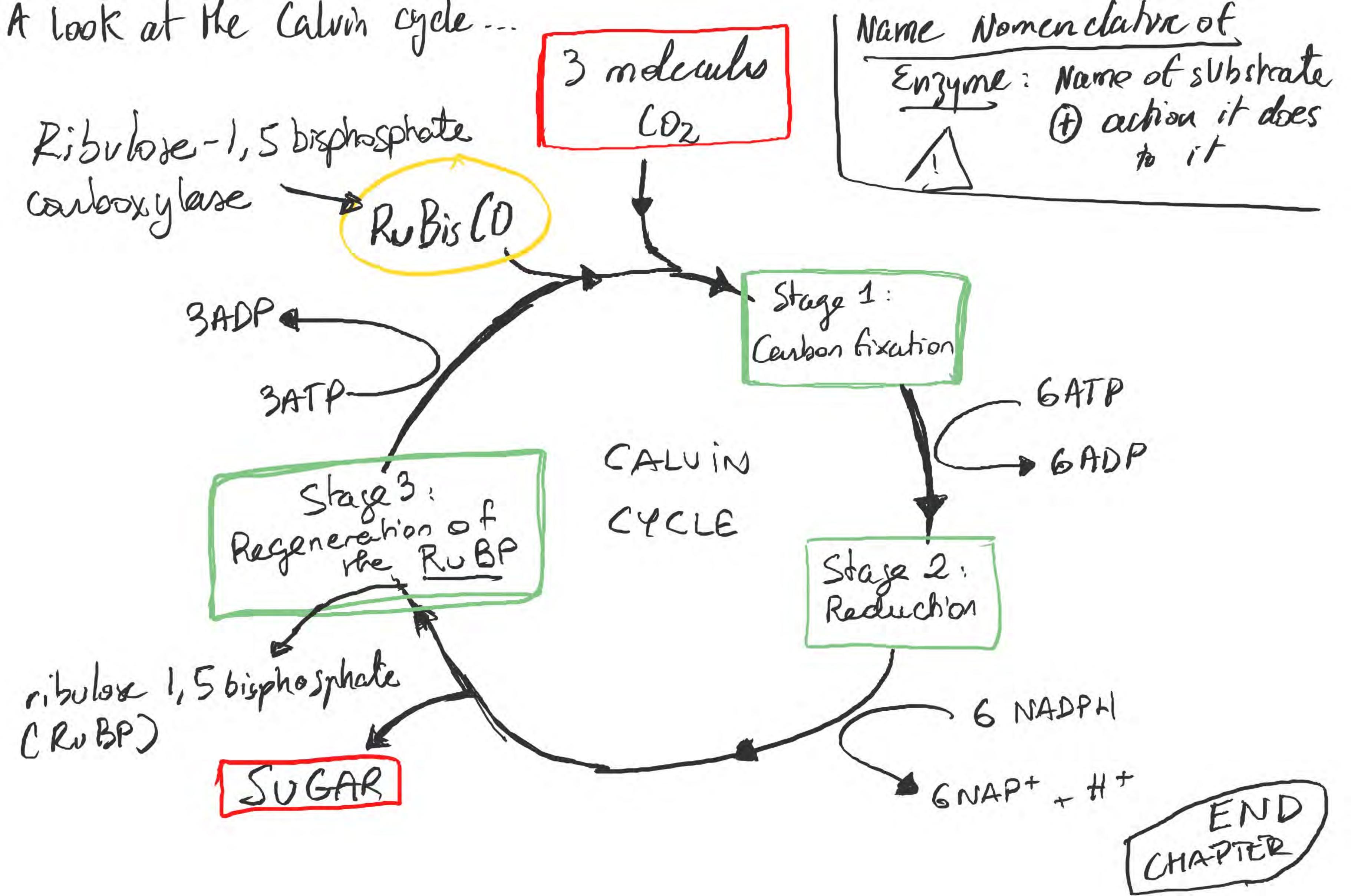
AMADPH

Calvin

Cycle

c





NEW CHAPTER:	REPRODUCTION AT THE CELLULAR LEVEL!
- ( -01	mains two copies of euch chromosomes = DIPLOID
	(2n chromosomes) n=23 (2n chromosomes) n=23 romosomes of one pair consile the same genes romosomes of one pair consile the same genes gous) => mother.  Fo mitosis (4) identical all
s back !	gous) = mother.  Fig.
1010000	
=> CREAT	FIDENTICAL CEUS.

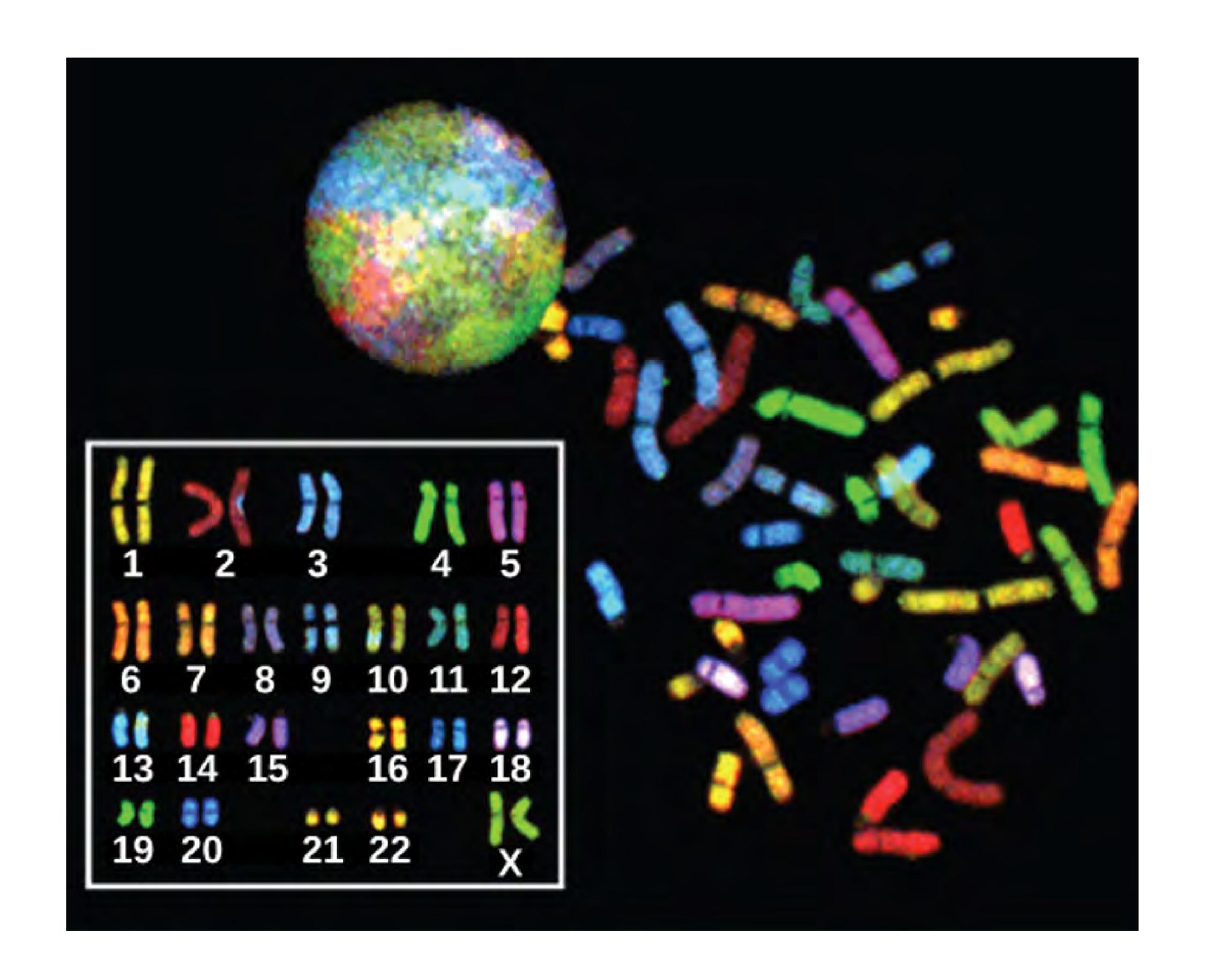
=> All human cells are genetically identical.

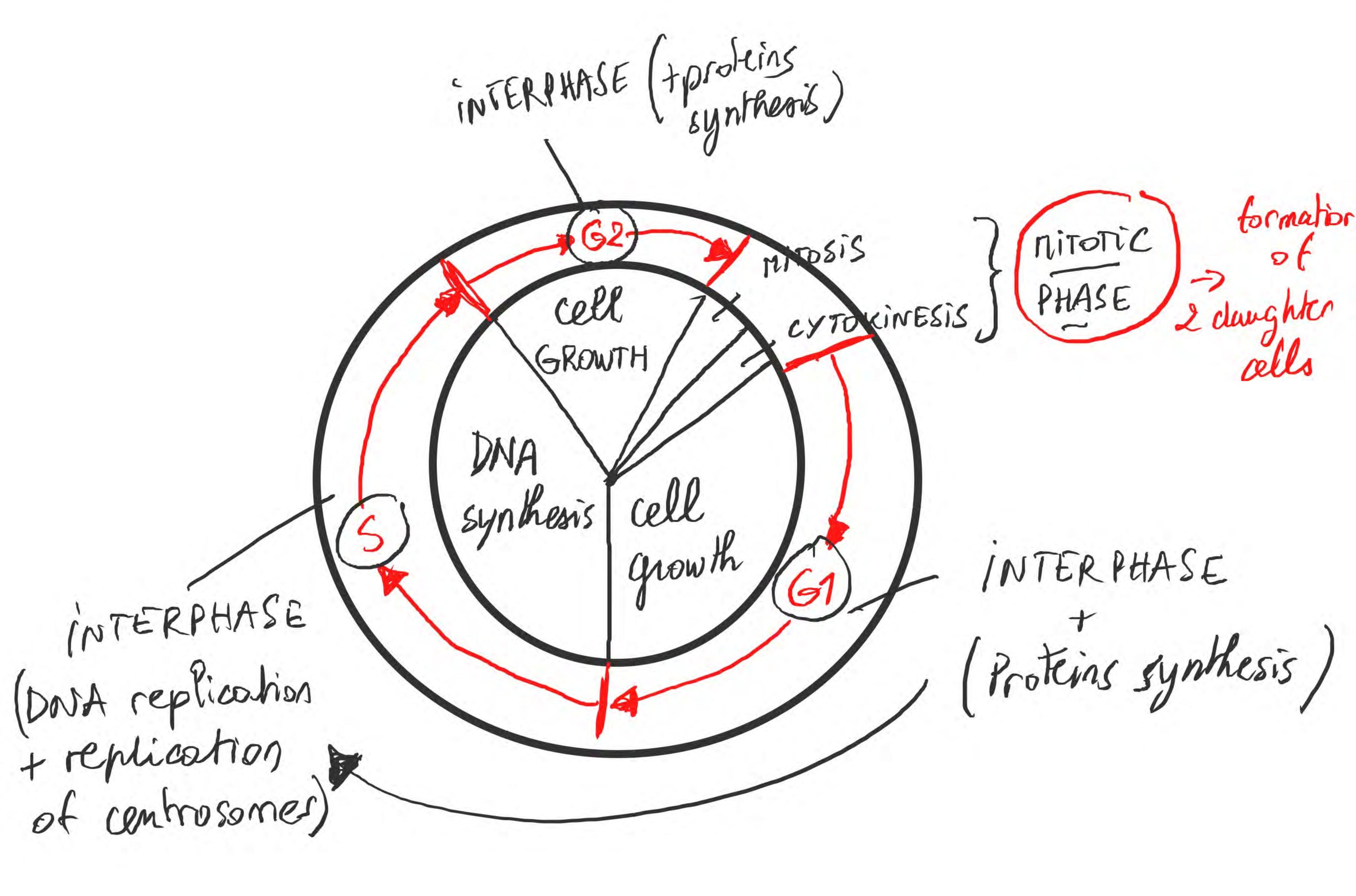
=> FUNCTIONS OF MITOSIS

\* GROWTH

\* REPAIR

ASEXUAL REPRODUCTION.





Ittitosis occupies a small portion de an actively dividing cell's cell cycle \* Majority of time is spent in INTERPHASE. \* In intuphase, chromosomes are UNWOUND and form CHRONATIN (gene active)

NITOSIS XX : (DE) # Prokeis

NITOSIS XX : (DE) # (RiBOSONE) CHROMATINE \* Not all alles are actively dividing. SORTE cells NEVER DividE, or some divide under certain circum stances.