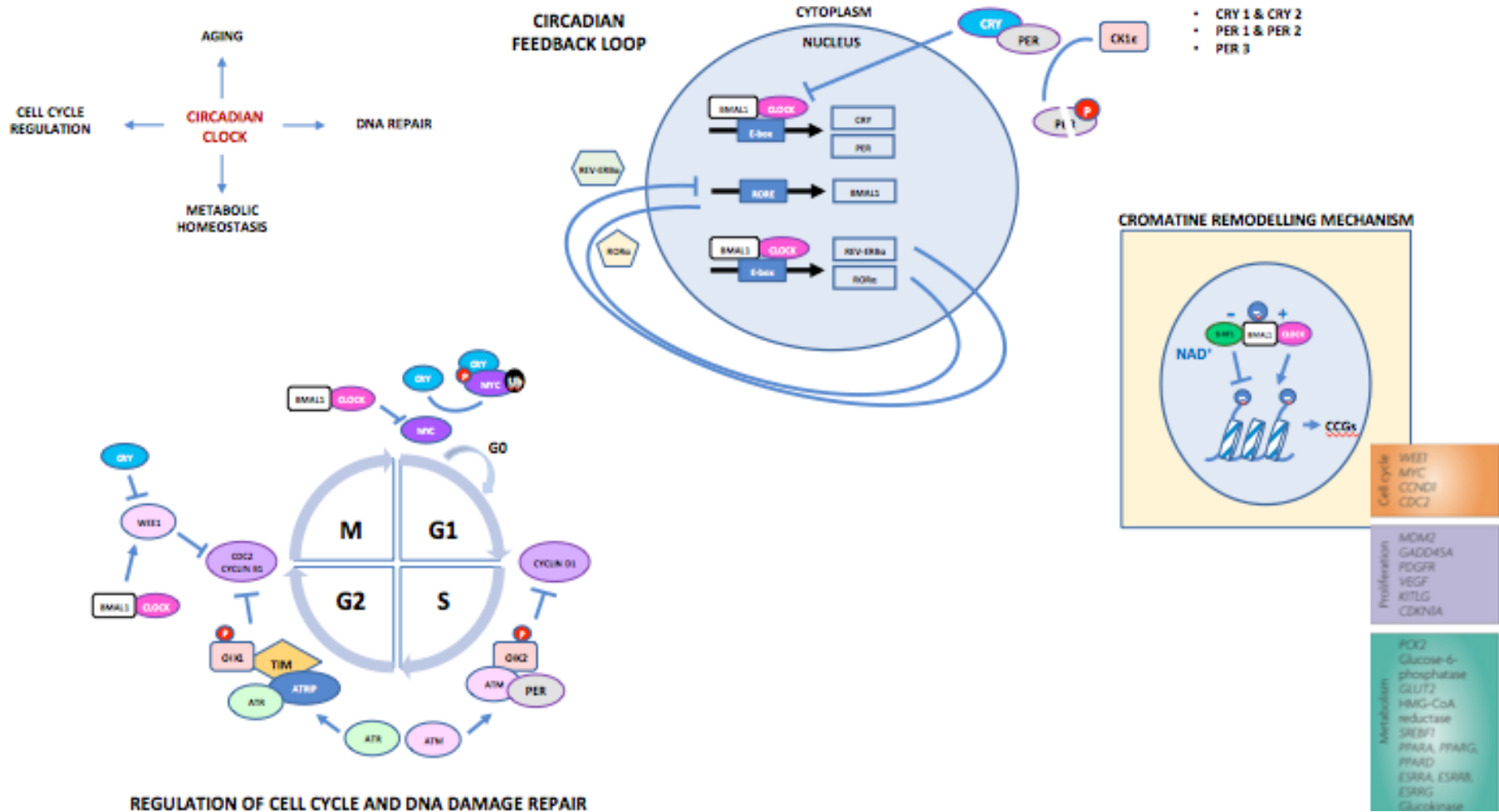


Circadian clock pathway



The Clock is ticking

- Nightshift workers/flight attendants have higher risk of colon cancer
- Regulation of night/day is based on clock proteins
- Clock proteins shown to be associated with bad prognosis
- Interfering with clock proteins in cancer shows promising anti tumor effect

Down Syndrome: Key for new therapies

- Down Syndrome Patients have significantly less colon cancer
- Down Syndrome gene predicted efficacy of anti vegf antibody in metastatic colon cancer
- We are the first in the world to identify this as a therapeutic target
- We crystallized protein and synthesized a protein that can bind to the target inhibit tumor blood vessel formation.