

FUNCTIONAL ROLE OF EPIGENETIC VARIATION IN SEAGRASS UNDER HEAT STRESS

GRC MARINE MOLECULAR ECOLOGY

HONG KONG

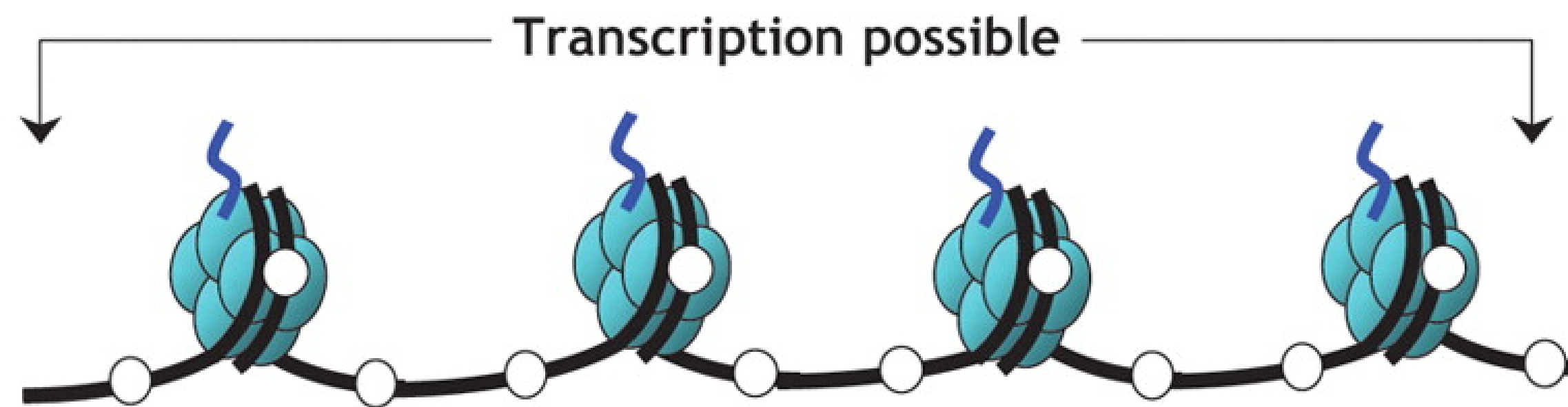
Alexander Jueterbock, Nord University, Norway

What is the methylome?

B

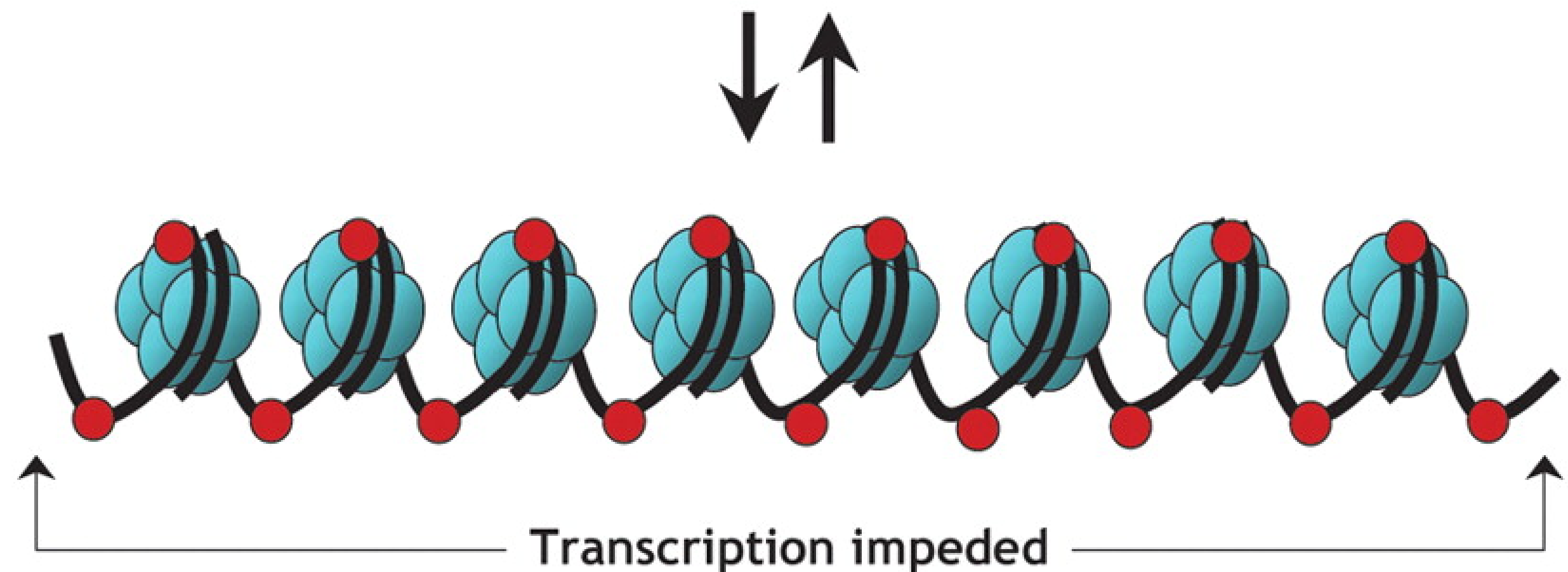
Gene “switched on”

- Active (open) chromatin
- Unmethylated cytosines (white circles)
- Acetylated histones



Gene “switched off”

- Silent (condensed) chromatin
- Methylated cytosines (red circles)
- Deacetylated histones



Slide 2

Slide 3

Vertical Slide 1

Vertical Slide 2