



CRC

for

Premium

Quality

Wool

Communication between the Extracellular Matrix and Cells

Produced for the CRC for Premium Quality Wool undergraduate program by;
Dr. Janelle Hocking Edwards, The University of Western Australia.



Molecules involved in communication between the ECM and the cell

- Glycosaminoglycans (GAGs)
- Cell adhesion molecules (CAM)
- Integrins
 - bind cells to matrix
 - binding affects cell shape, metabolism, motility, function and gene expression

CRC

for

Premium

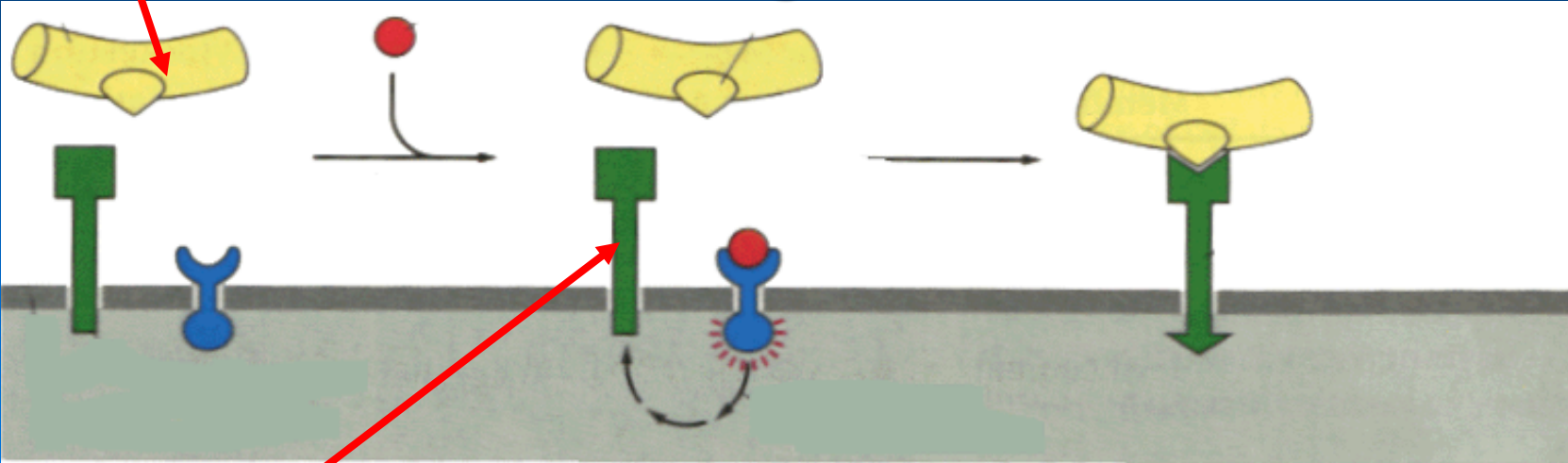
Quality

Wool

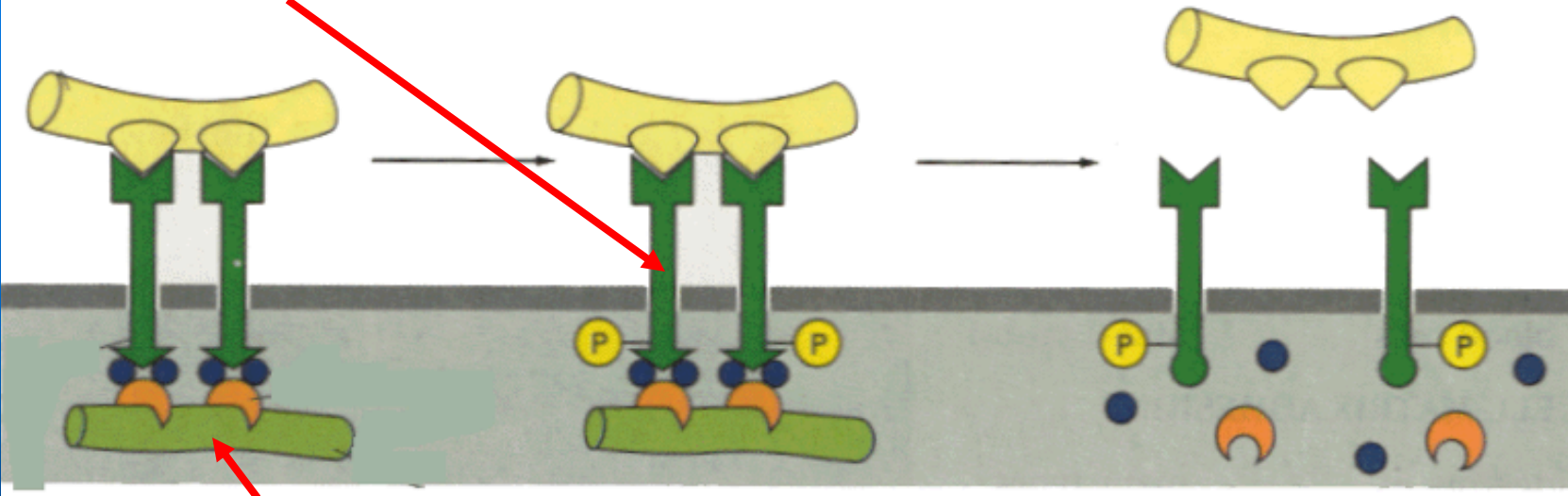


ECM

Integrins



Integrins



Cytoskeleton

CRC
for
Premium
Quality
Wool