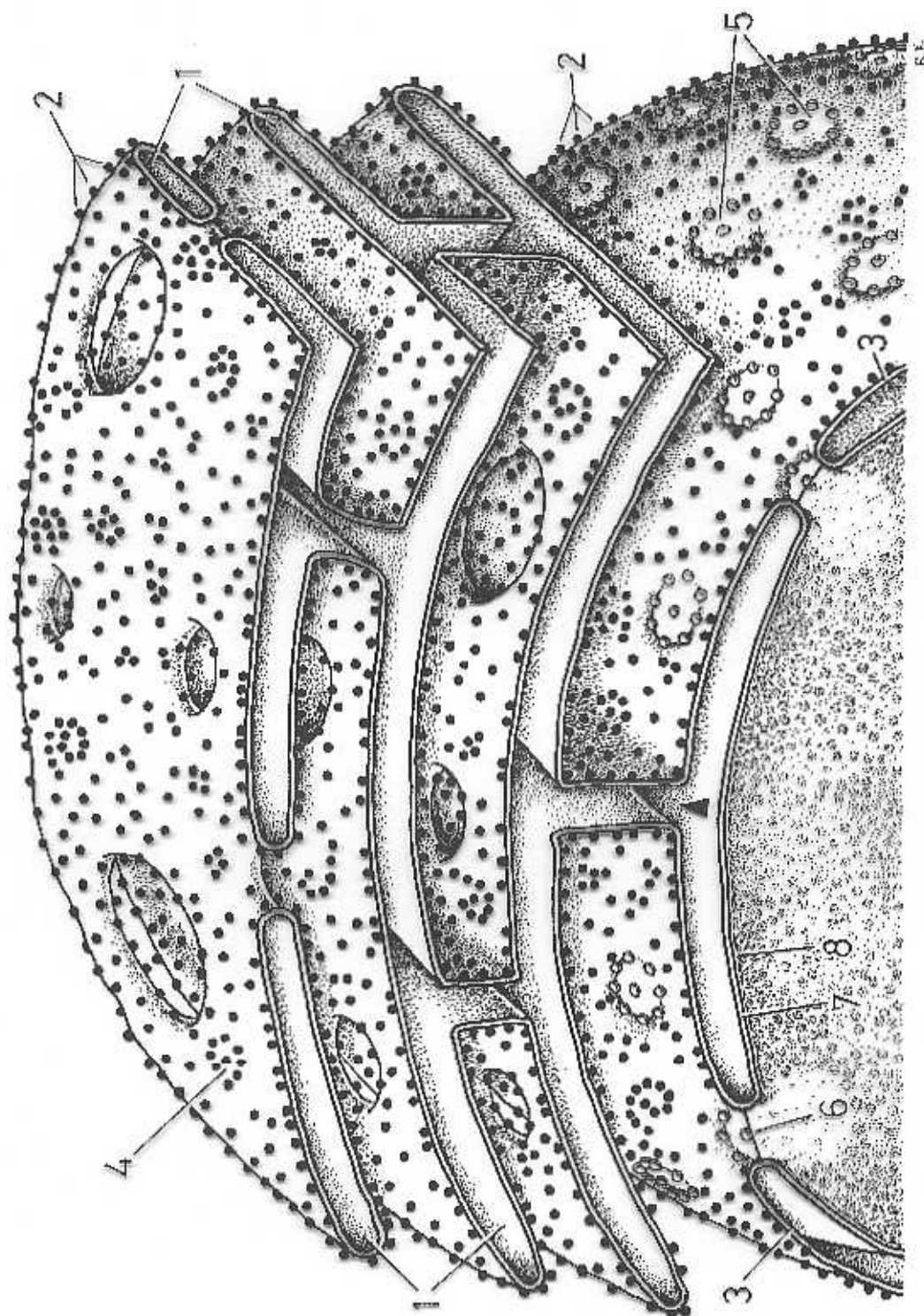




EXTERIOR

Plasma membrane

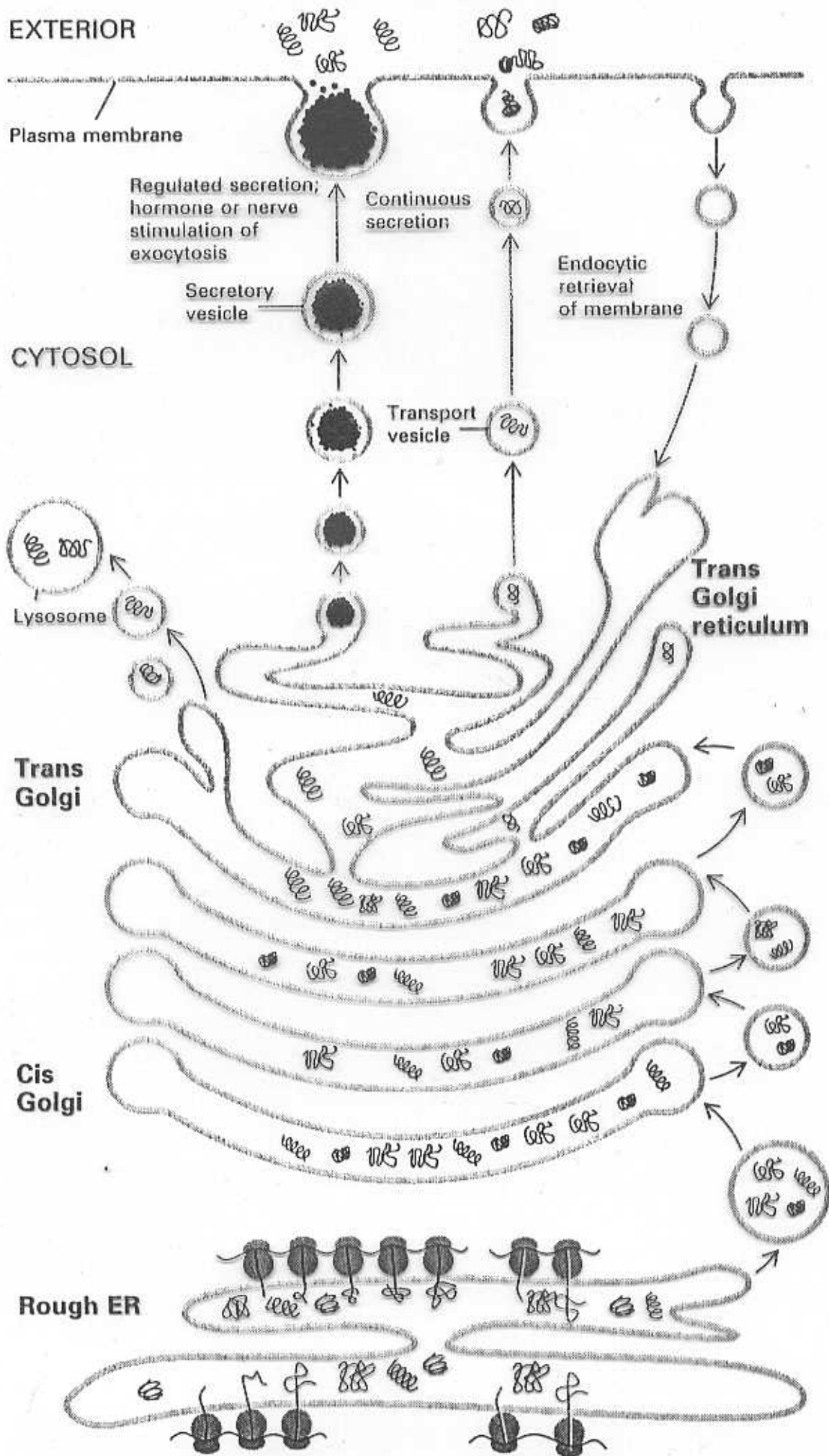
Regulated secretion;
hormone or nerve
stimulation of
exocytosisContinuous
secretionEndocytic
retrieval
of membraneSecretory
vesicleTransport
vesicle

CYTOSOL

Lysosome

Trans
GolgiCis
GolgiTrans
Golgi
reticulum

Rough ER





Dünnes Filament



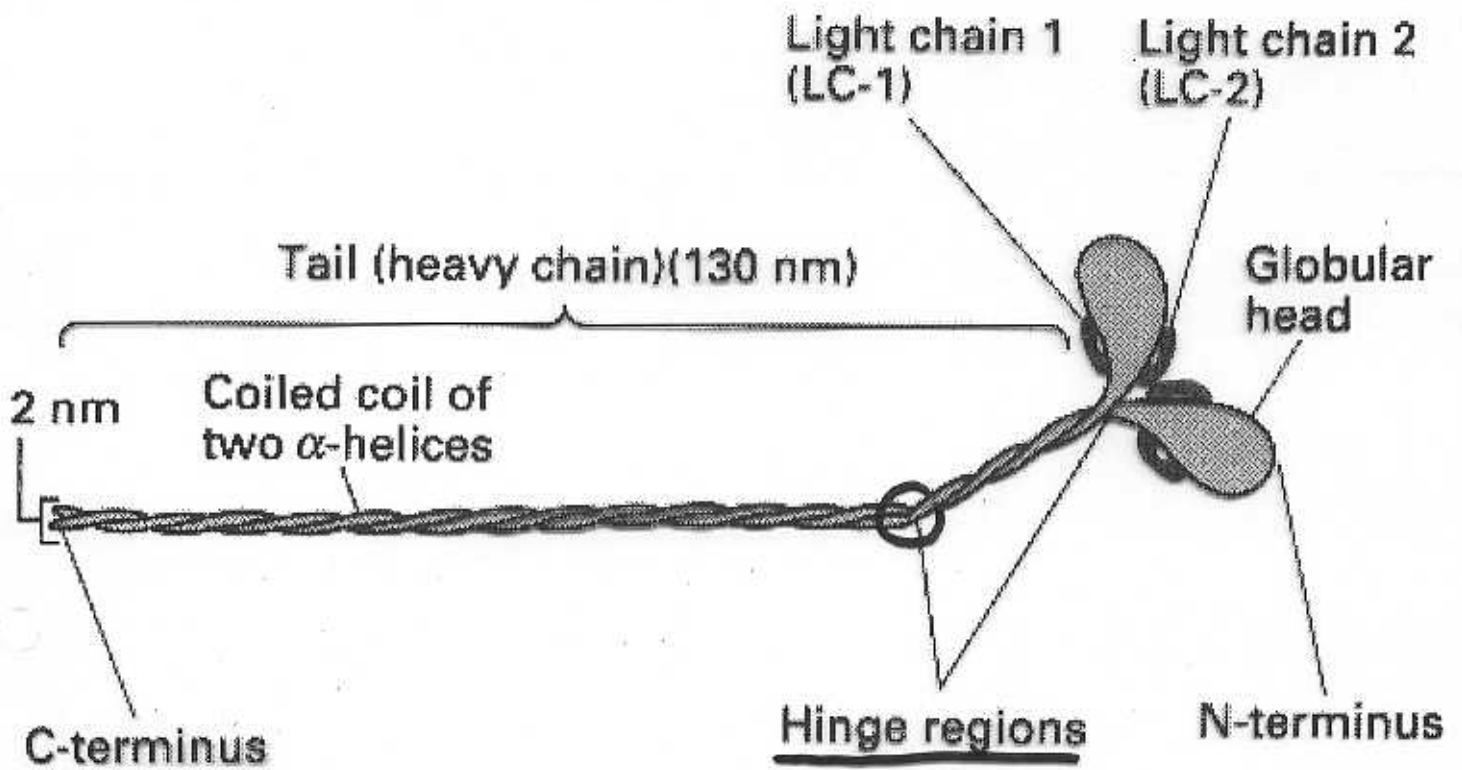
F-Actin
(polymer)

G-Actin
(monomer)

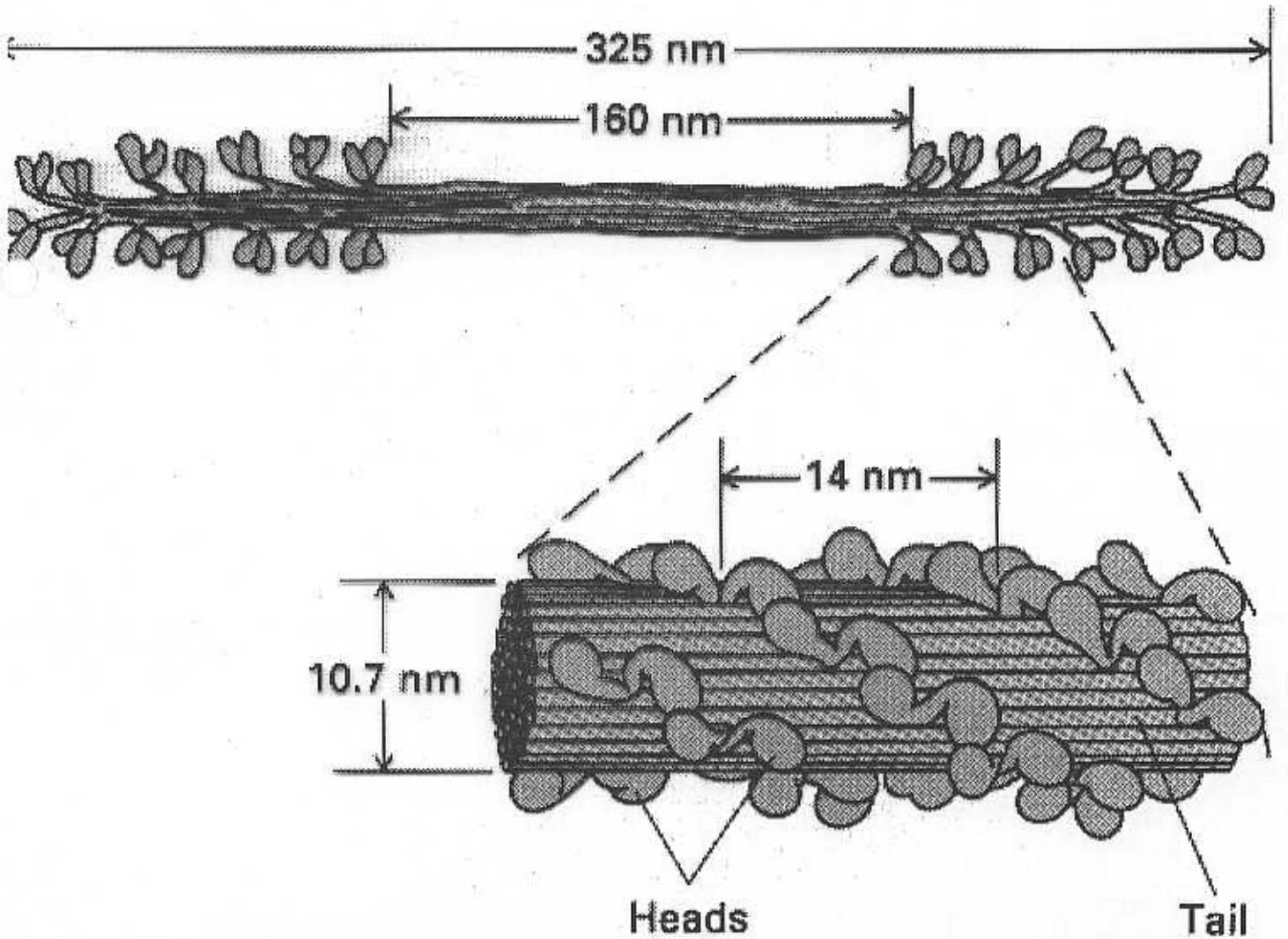
Tropomyosin

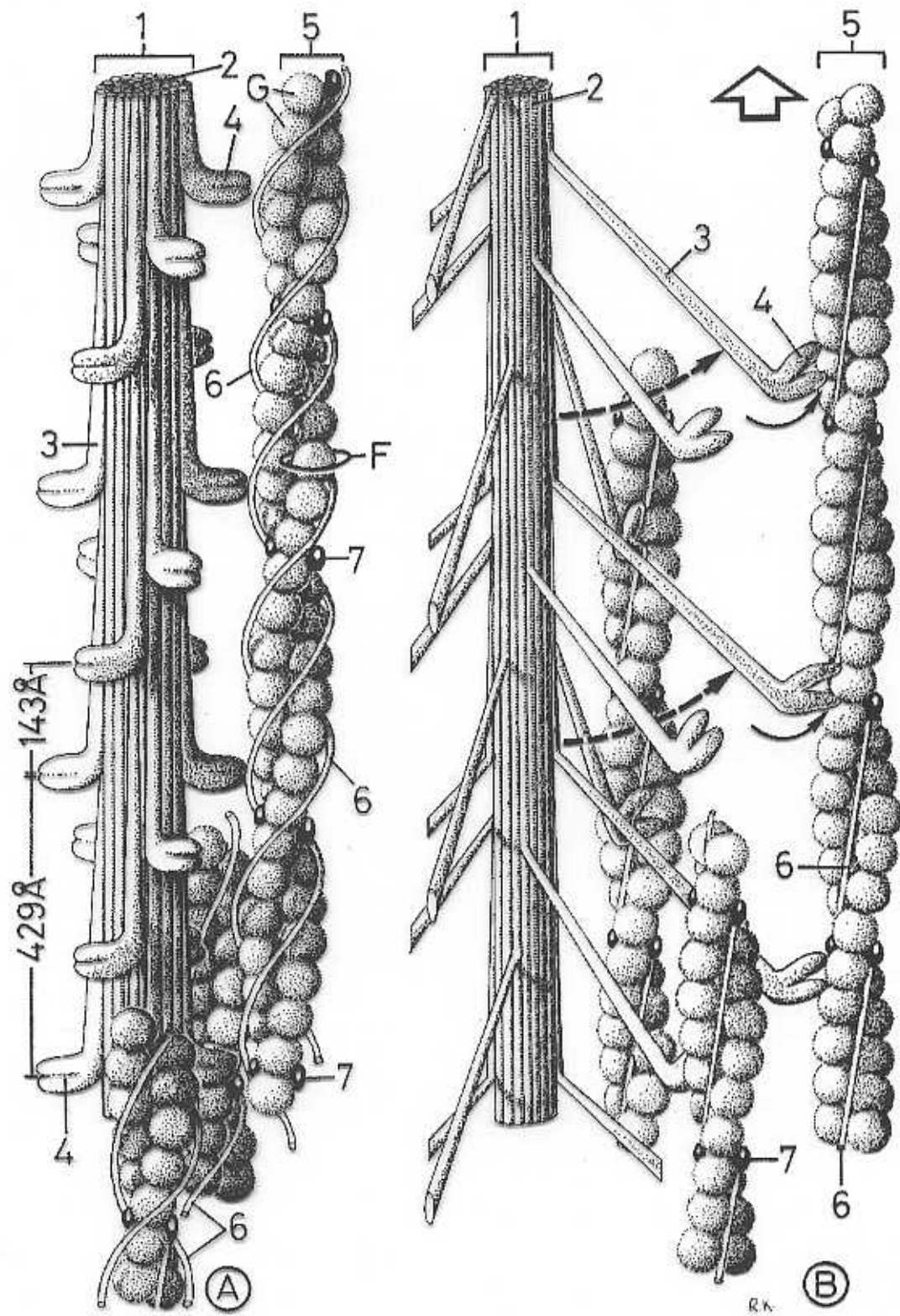
Troponin

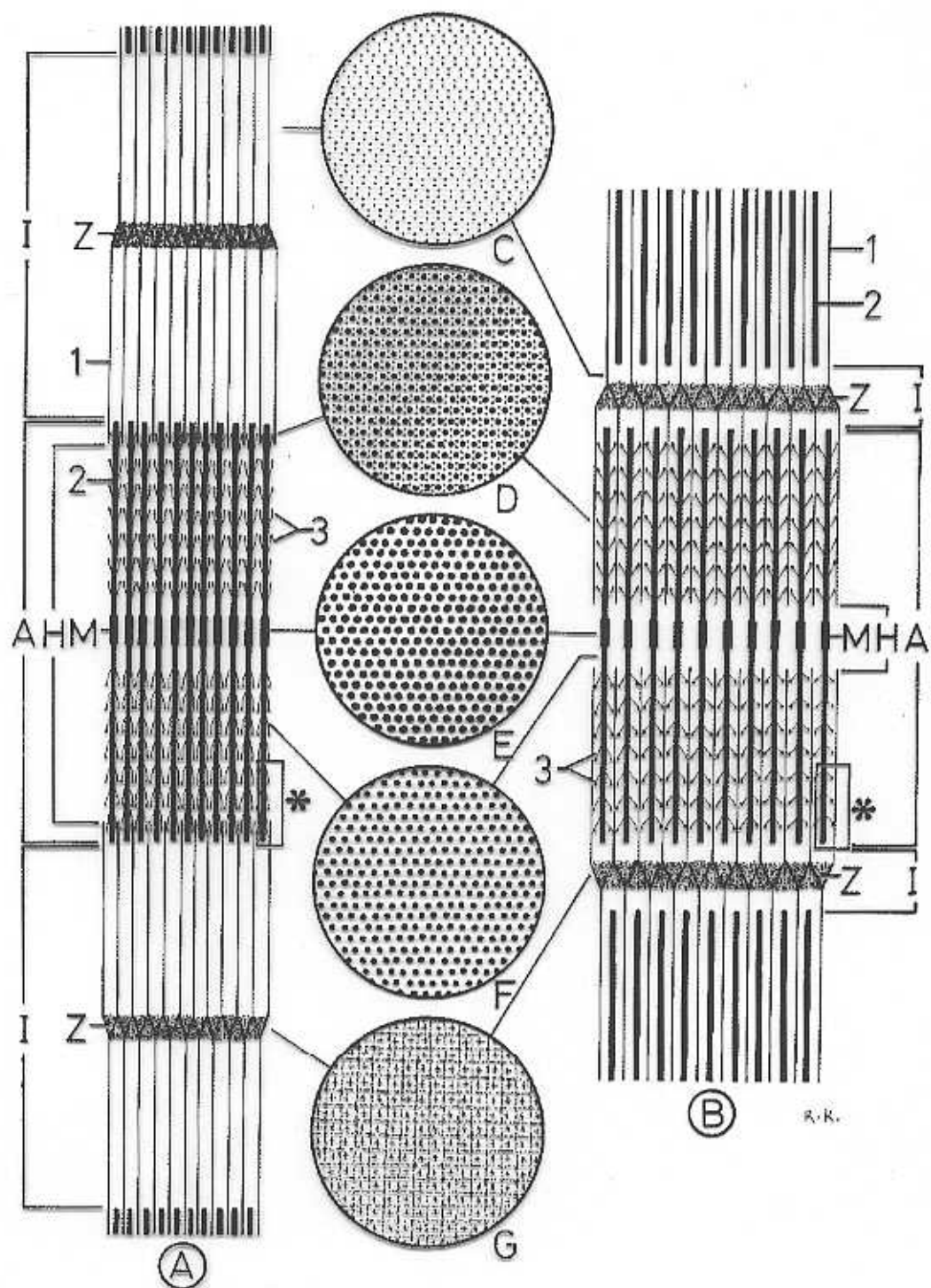
b)



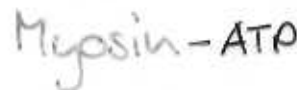
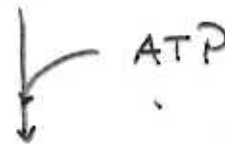
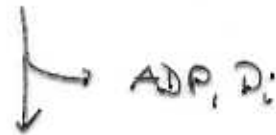
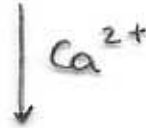
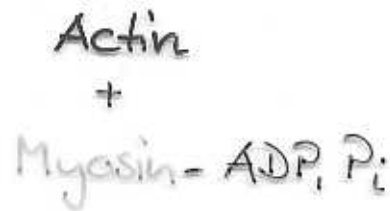
c)







1. Anlagerung



4. ATP-Spaltung
 H_2O

2. Kontraktion

3. Dissoziation

Wirkung von Ca^{2+} auf das kontraktile System

Muskeler Erschlaffung

Muskelkontraktion

