

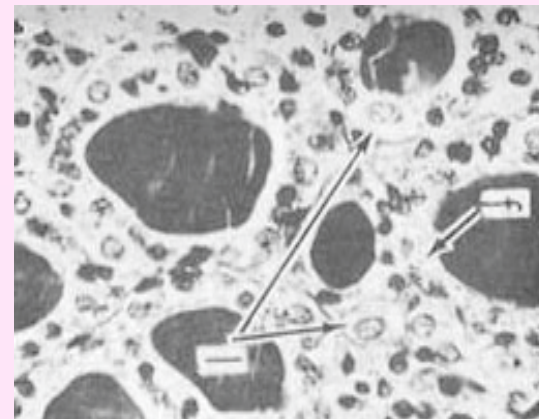
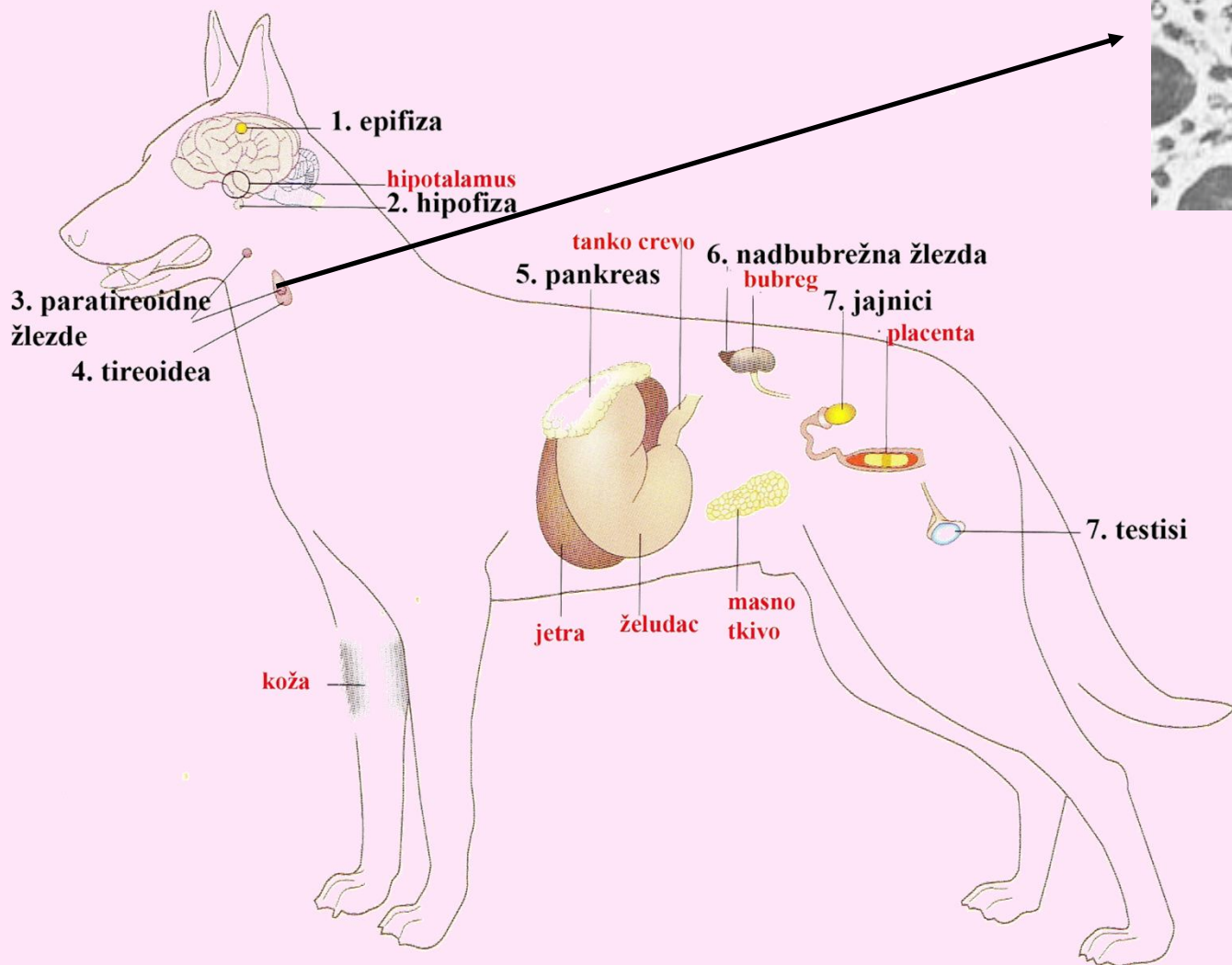
# ŠTITASTA ŽLEZDA - THYREOIDEA

***Danijela Kirovski***

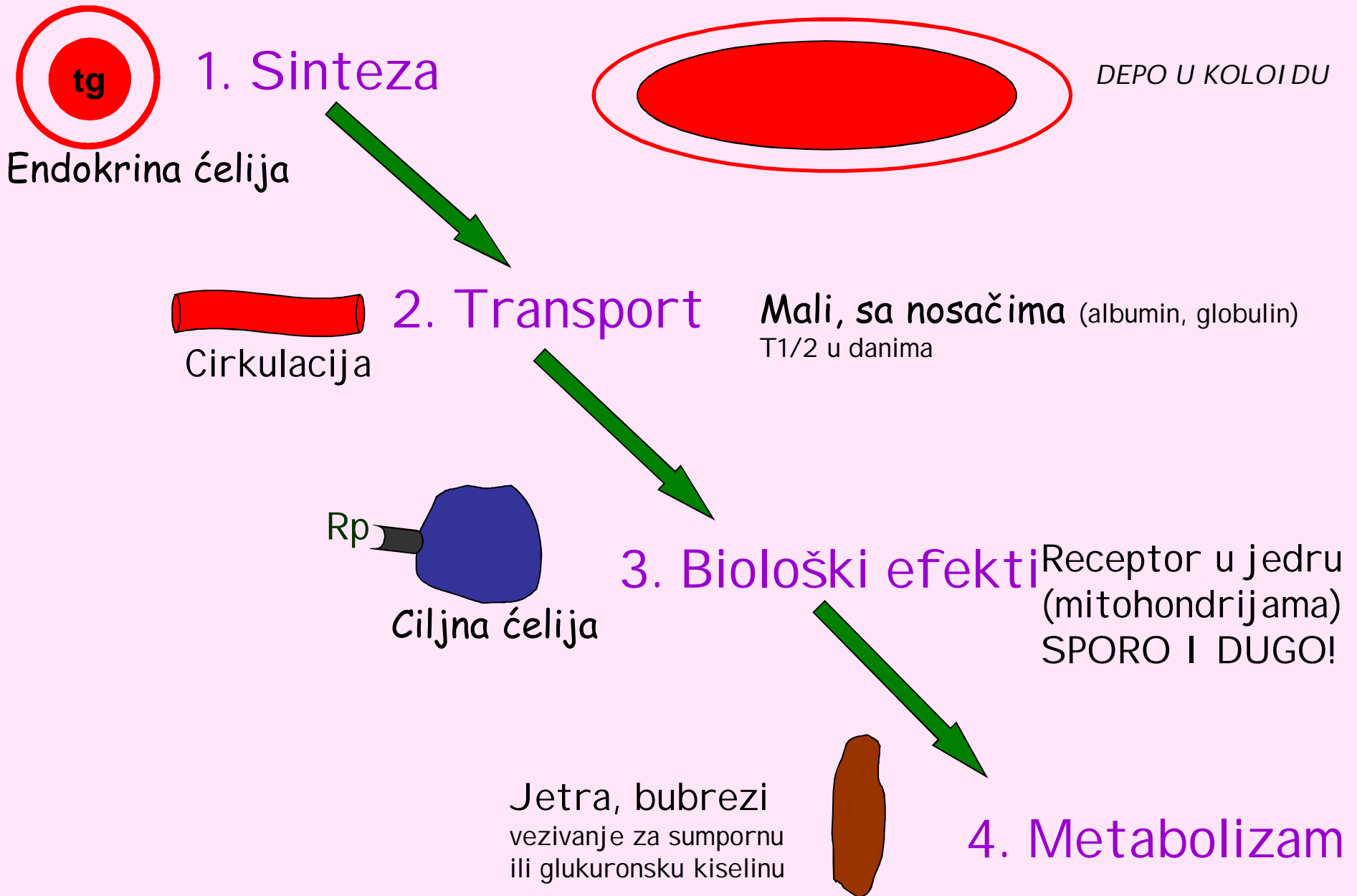
***Katedra za fiziologiju i biohemiju***

***Fakultet veterinarske medicine Univerziteta u Beogradu***

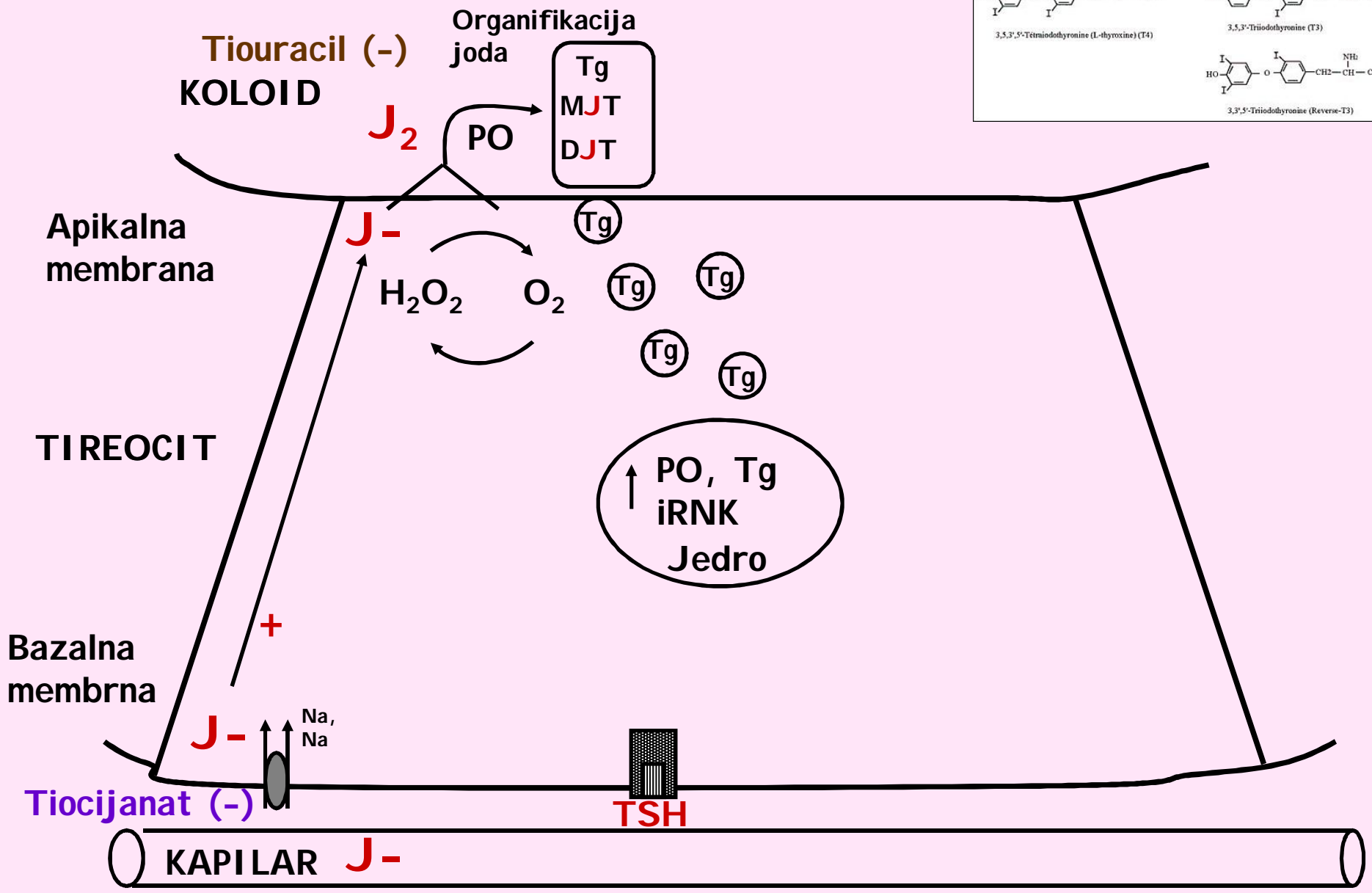
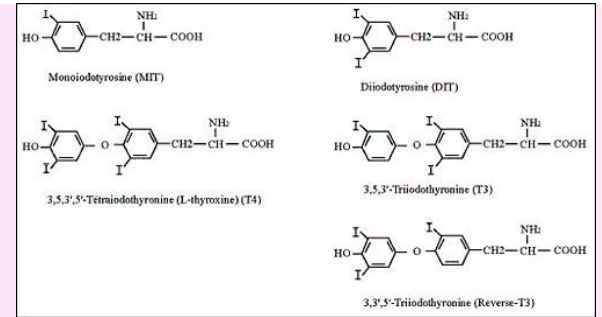
## Folikul i tireociti



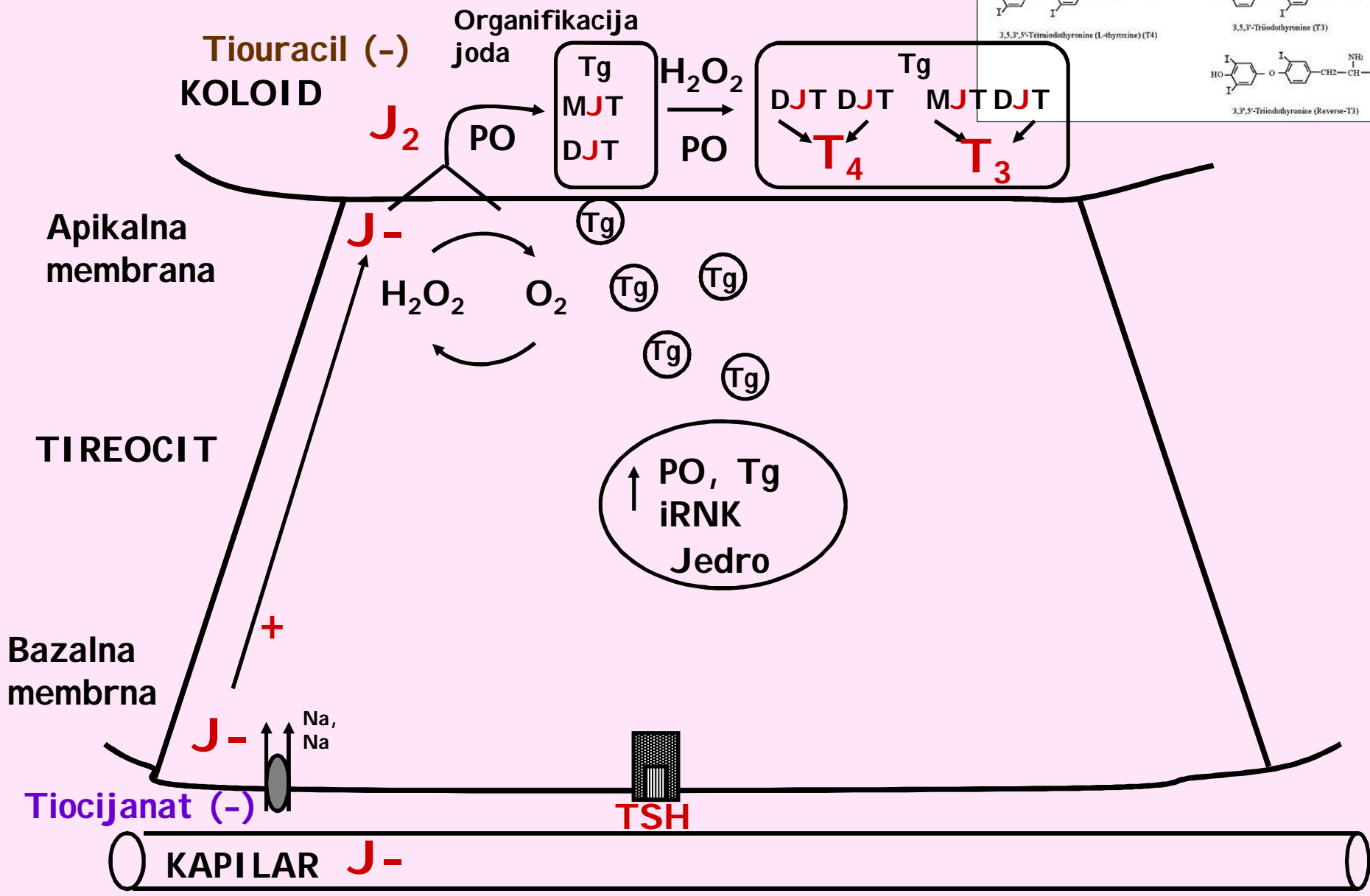
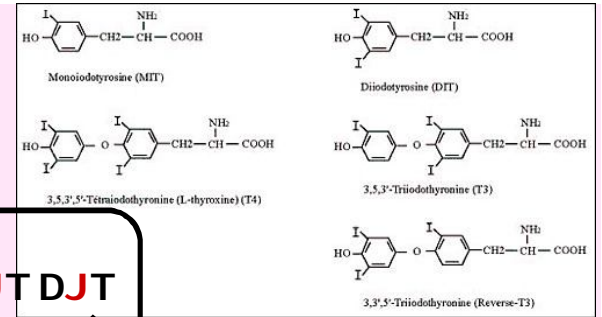
# Derivati aminokiselina (tireoidni hormoni)



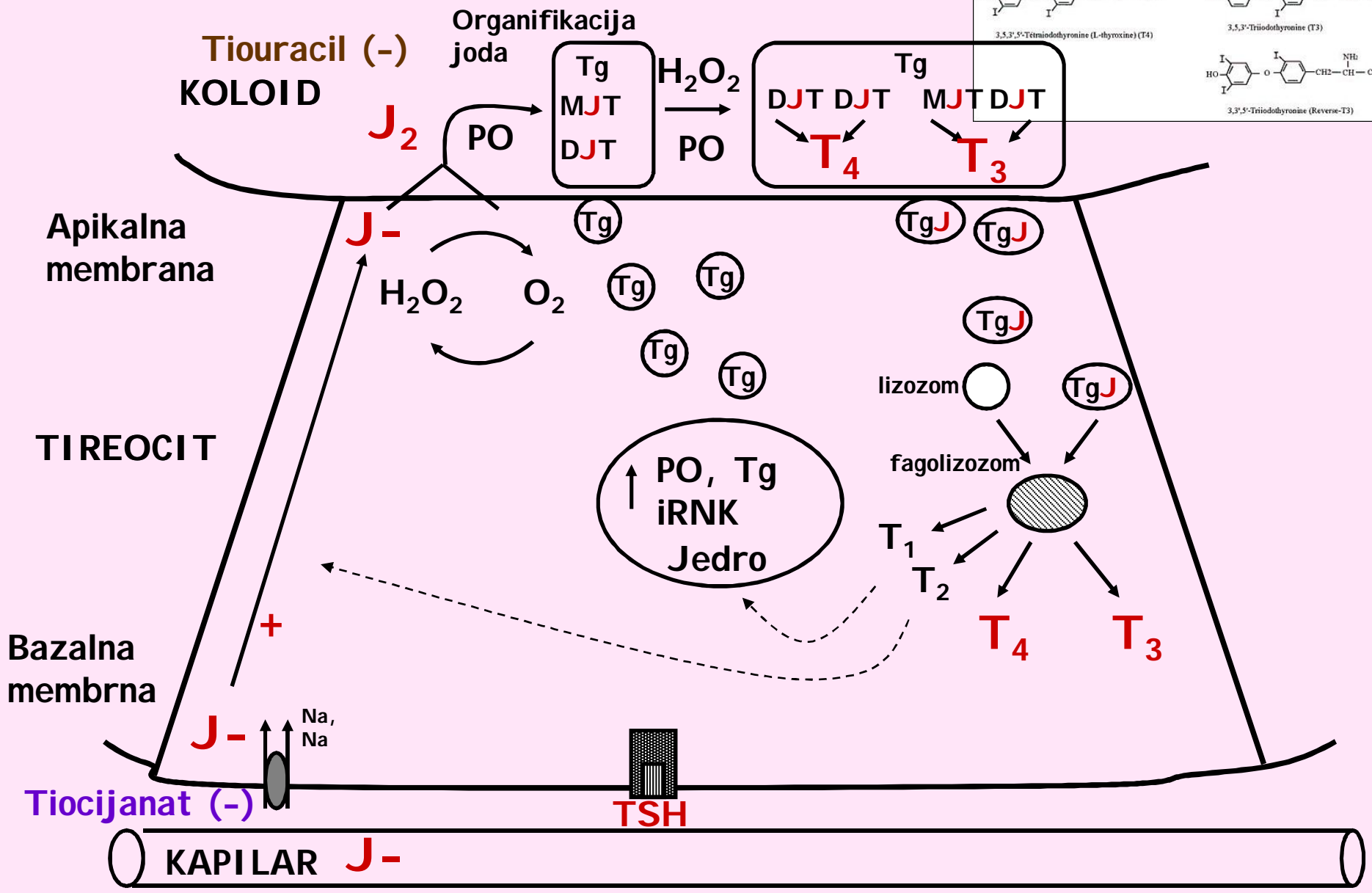
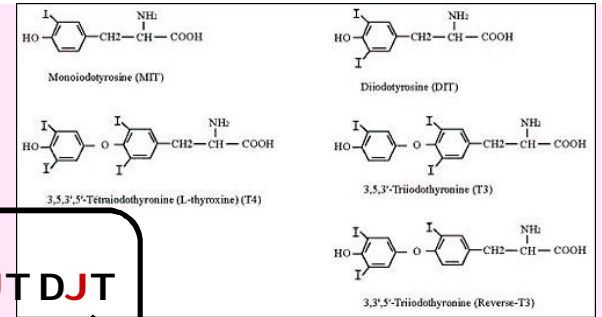
# Sinteza tireoidnih hormona



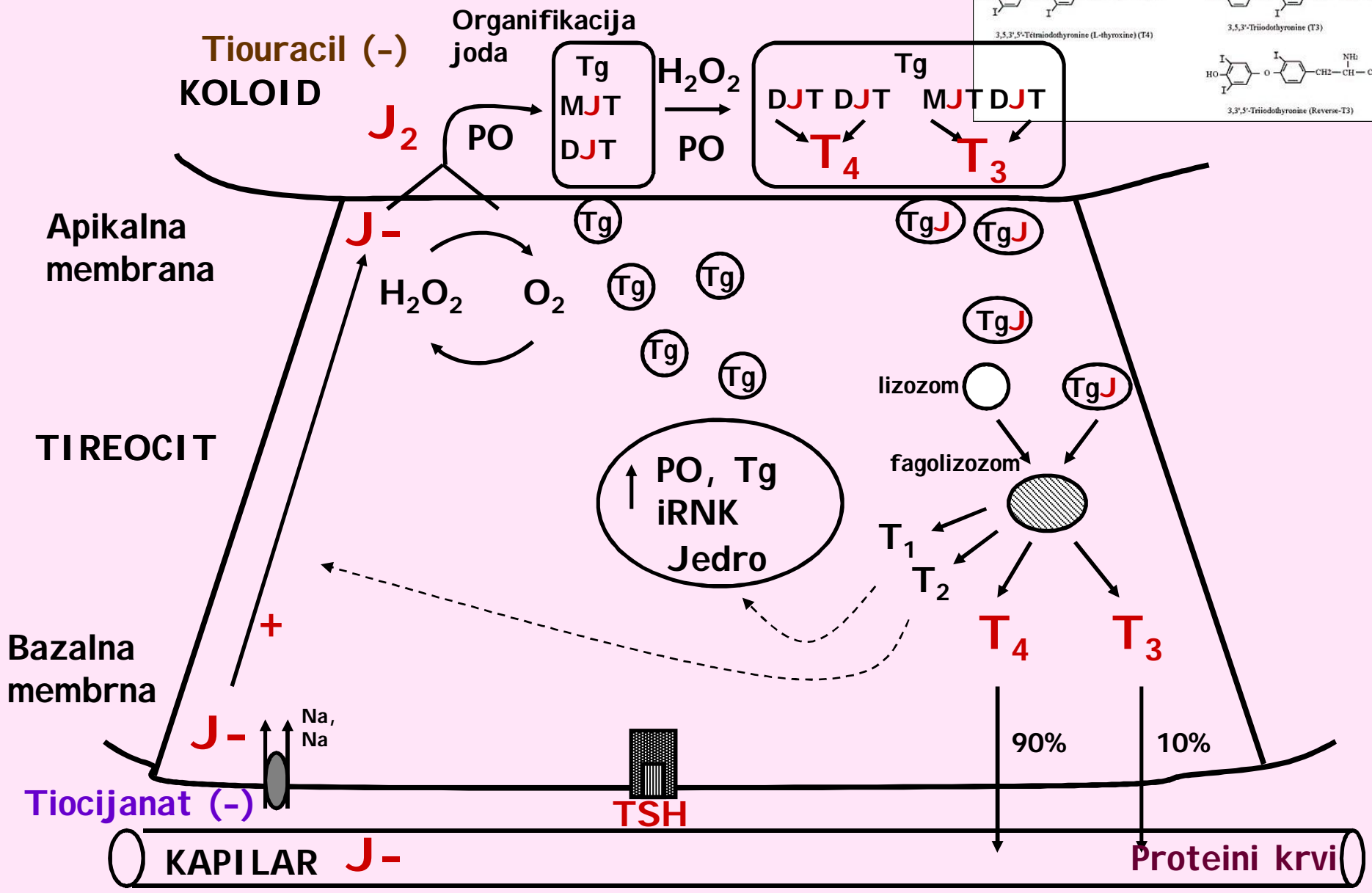
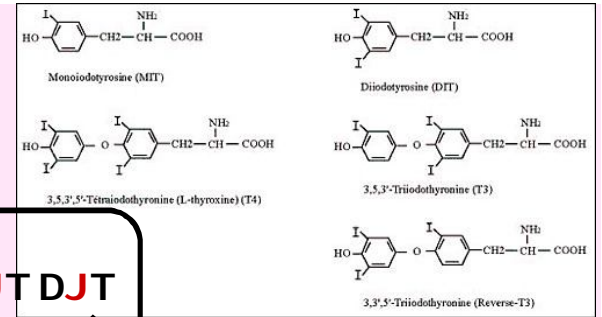
# Sinteza tireoidnih hormona

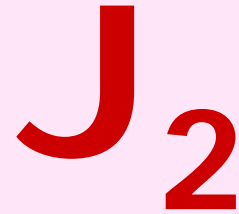


# Sinteza tireoidnih hormona



# Sinteza tireoidnih hormona





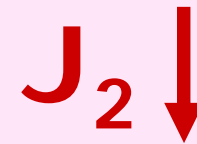
*Izvori joda*  
**KABASTA HRANIVA**  
**KONCENTROVANA HRANIVA**  
*(jodirana so)*



# Izvori joda - KABASTA HRANIVA

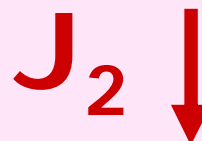


GOITROGENE SUPSTANCE



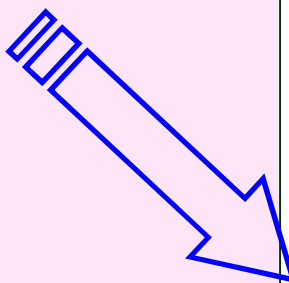
# Izvori joda - KABASTA HRANIVA

GOITROGENE SUPSTANCE



## Tiocijanatni tip

sirova soja  
repini rezanci  
kukuruz  
sladak krompir  
bela detelina  
proso

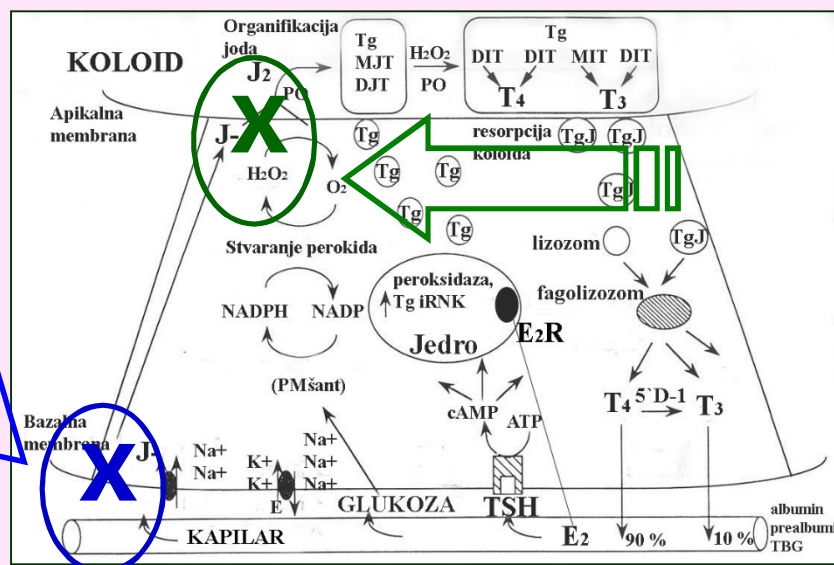


$J_2 (+)$

## Tiouracilni tip

stočni kupus  
stočni kelj  
uljana repica  
sojino zrno  
grašak  
laneno seme

$J_2 (-)$

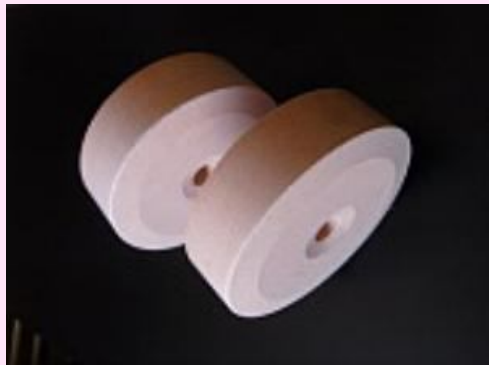


Pravilnik - uzeo u obzir prisustvo goitrogena

# Izvori joda - KONCENTROVANA HRANIVA



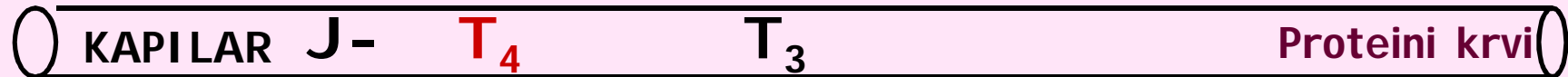
**KJ u stočnoj soli**



**Briketirana stočna so ..do 60 mg KJ u 1 kg**

**Krave tolerišu od 50 do 100 puta više joda**

# *Transport tireoidnih hormona*



Albumin TBA (vezuje tiroksin)

Globulin TBG (vezuje tiroksin)

## **Ukupni vs slobodni tireoidni hormon**

Slobodni - biološki aktivan tj vezuje se za receptor