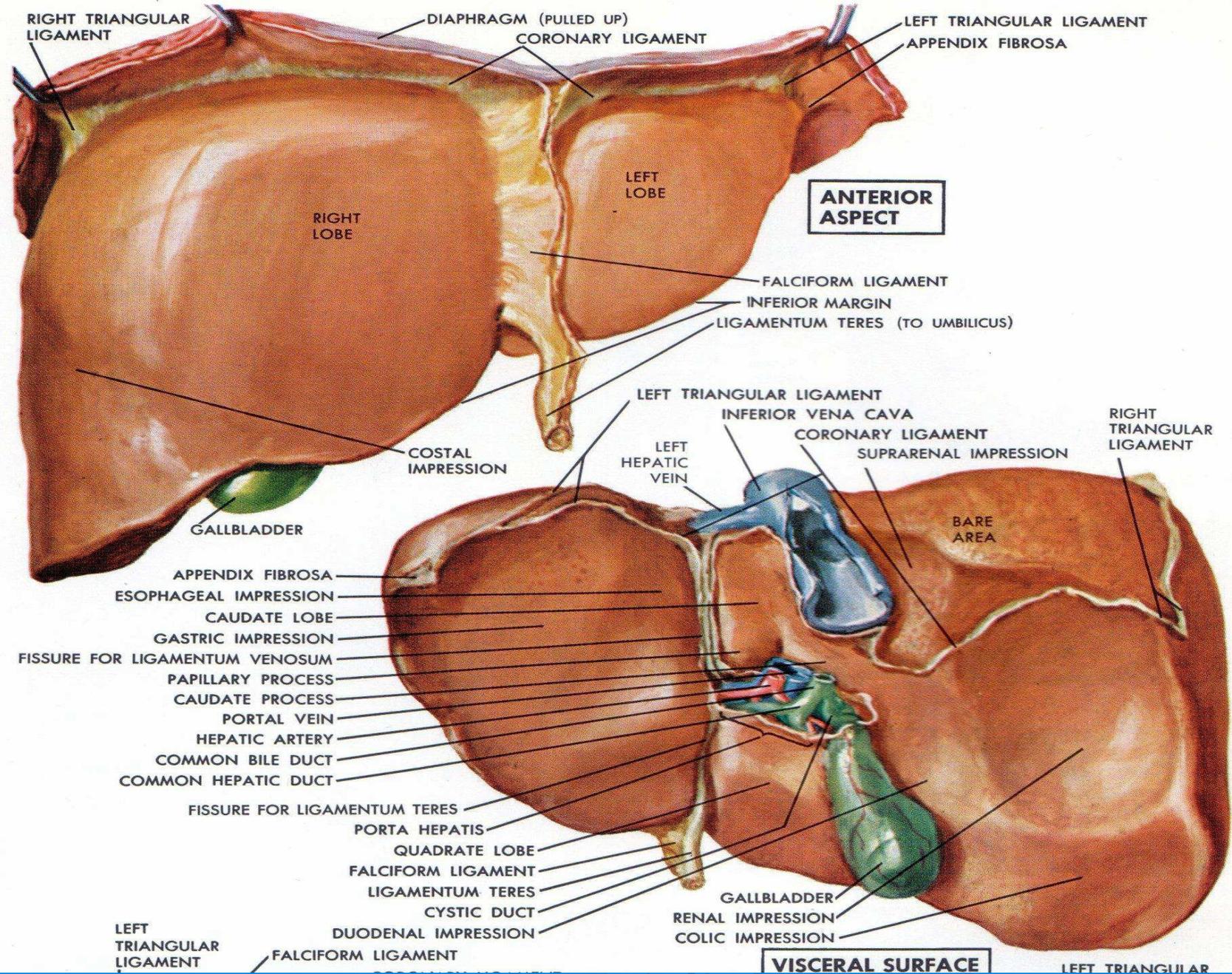
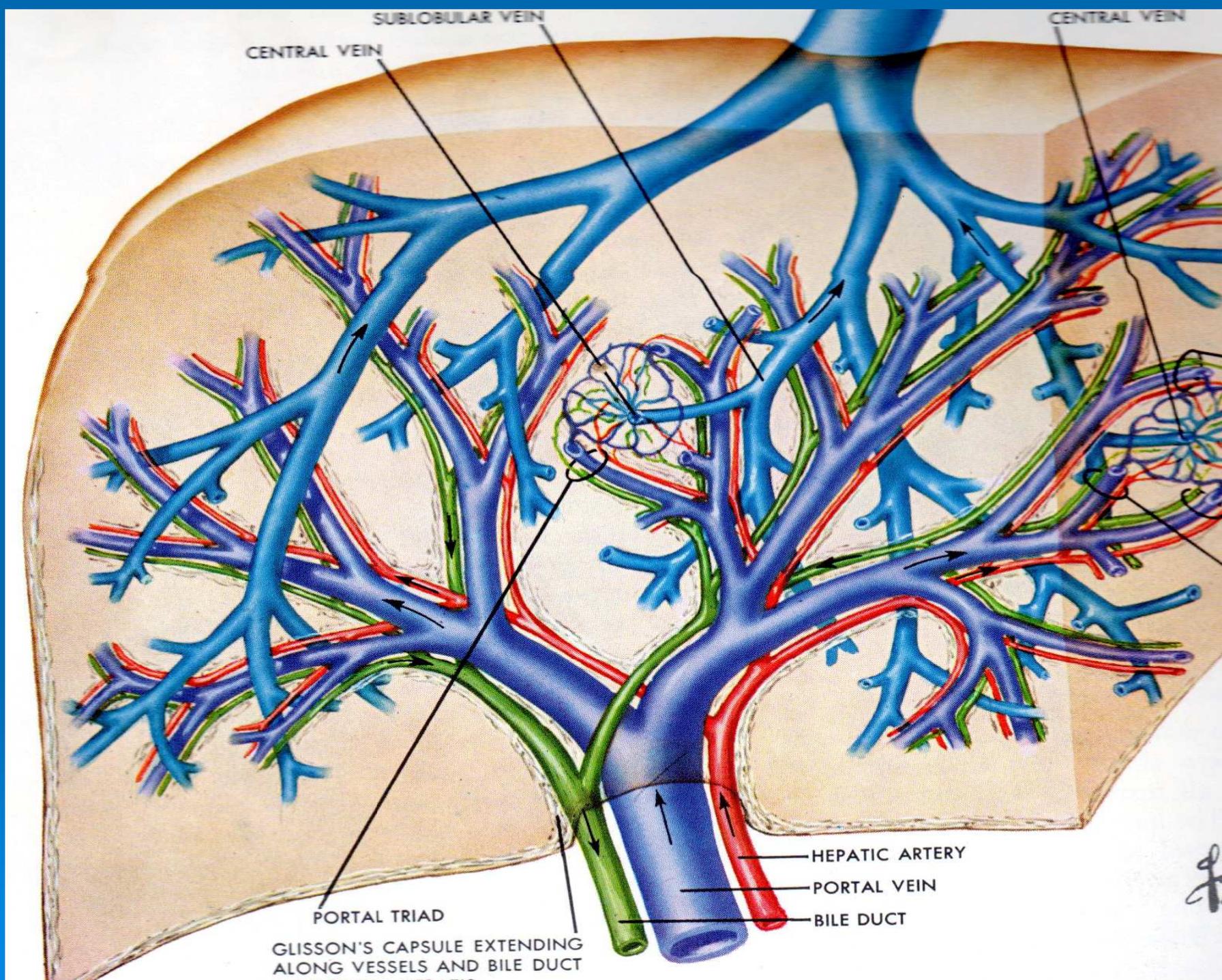


# Il fegato come laboratorio di biochimica

14 ottobre 2013 dr. Giuseppe La Terra







CENTRAL VEIN

SUBLOBULAR VEIN

CENTRAL VEIN

PORTAL TRIAD

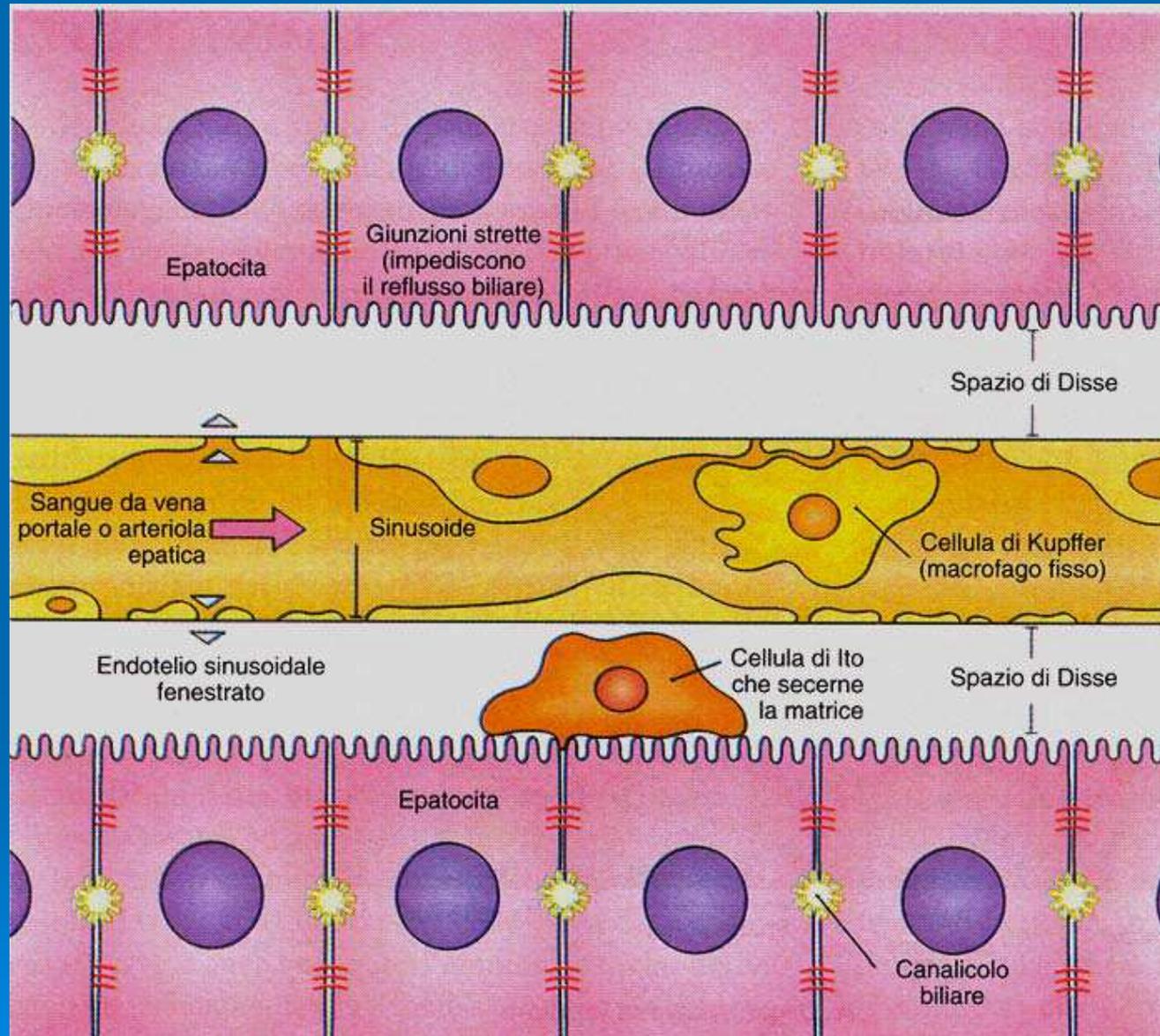
GLISSON'S CAPSULE EXTENDING ALONG VESSELS AND BILE DUCT

HEPATIC ARTERY

PORTAL VEIN

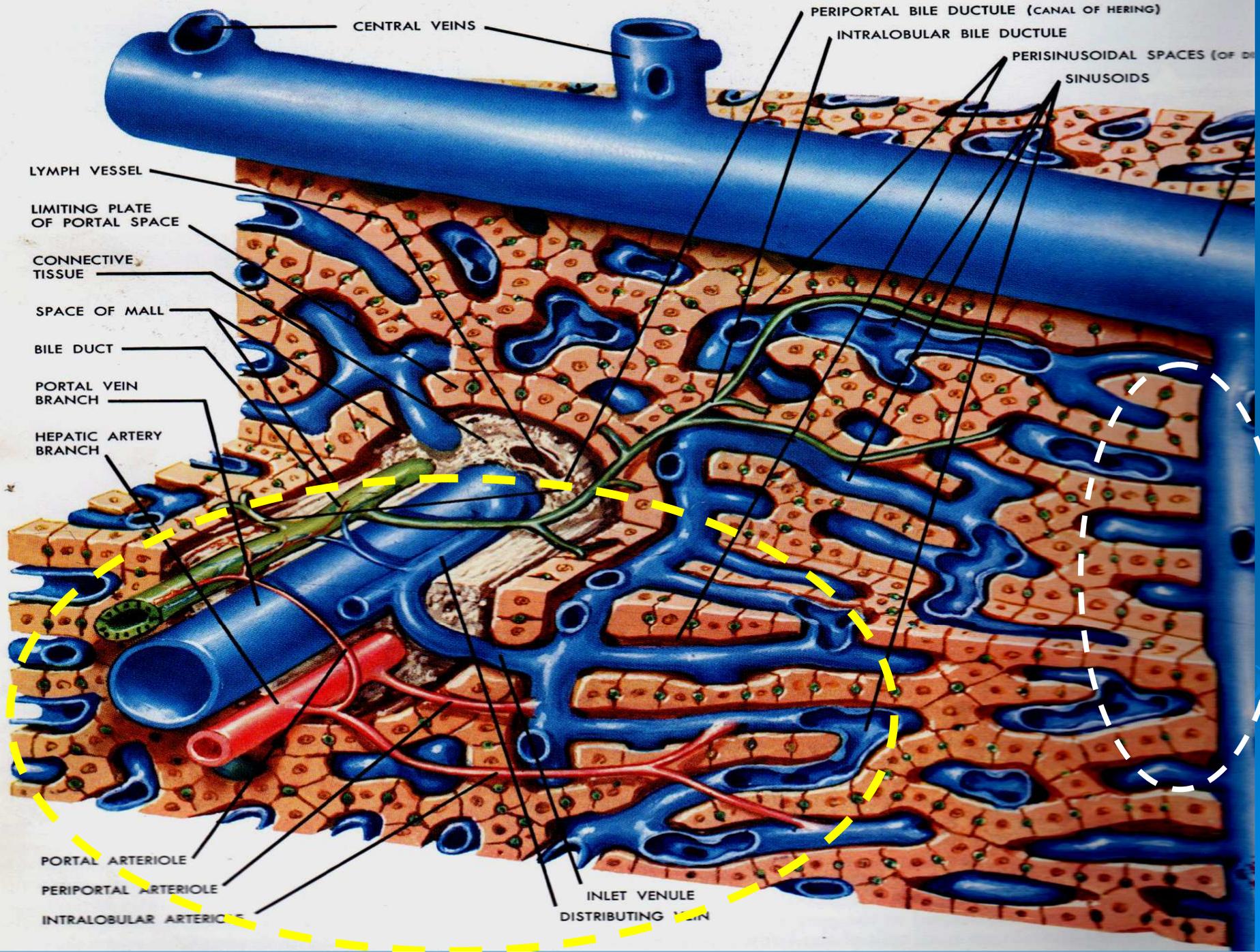
BILE DUCT

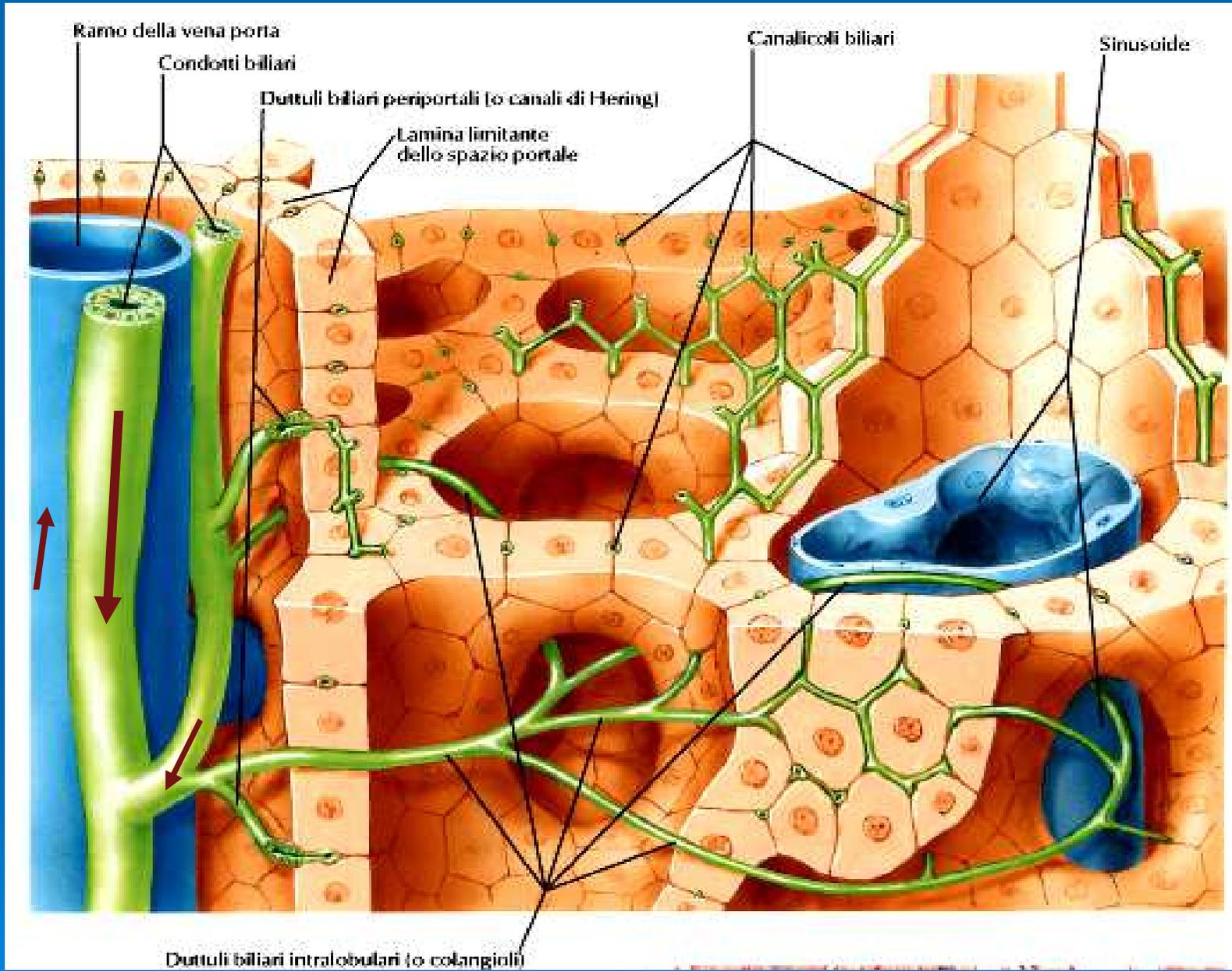
*[Handwritten signature]*



STEREOGRAM OF LIVER CELL PLATES AFTER REMOVAL OF DUCTS,  
VESSELS AND CONNECTIVE TISSUE (ACCORDING TO CONCEPT OF HANS ELIAS)

AS COMPOSED O





# ENTRATA

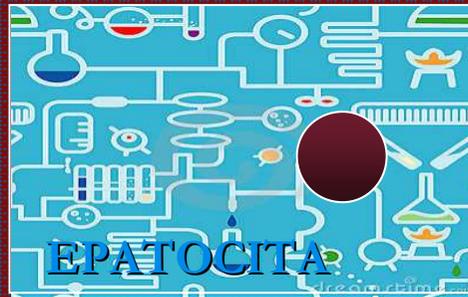
# USCITA

Elaborazione  
Regolazione  
Distribuzione

INTESTINO

Circolo portale

Nutrienti  
Farmaci



Prodotti  
degradazione  
metaboliti

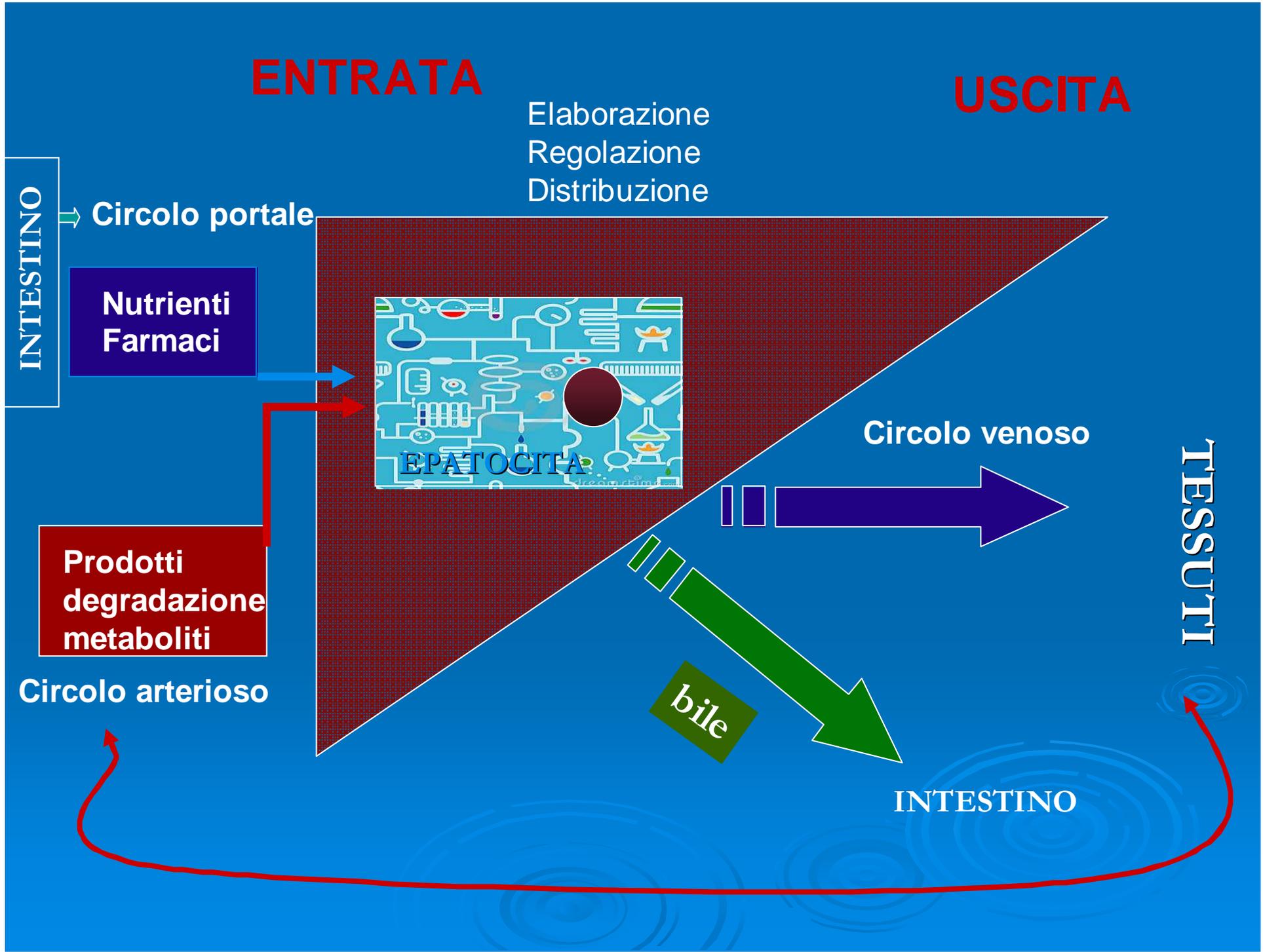
Circolo arterioso

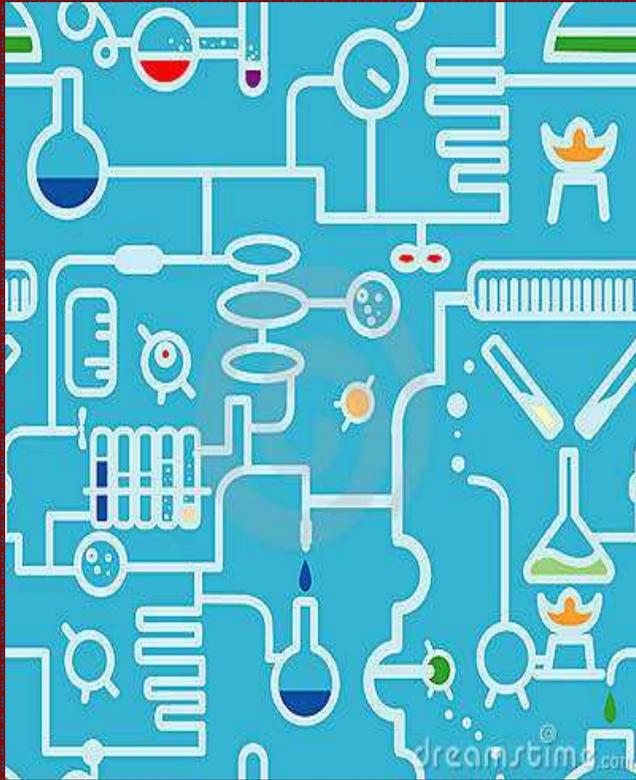
Circolo venoso

bile

INTESTINO

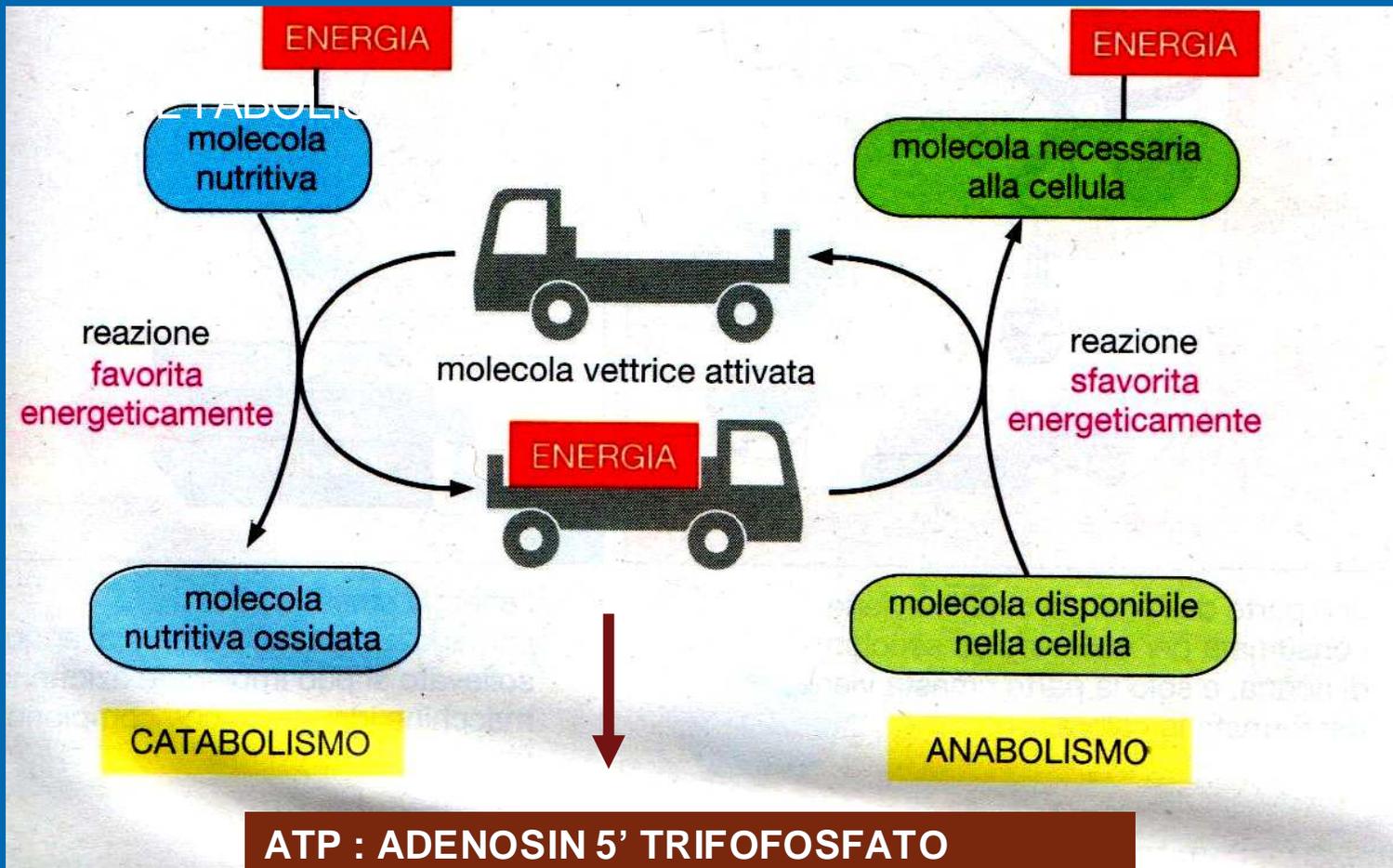
TESSUTI





## **FUNZIONI DEL FEGATO:**

- 1) **REGOLATRICI del METABOLISMO**
- 2) **SINTETICHE**
- 3) **DETOSSIFICAZIONE**



**ATP : ADENOSIN 5' TRIFOSFATO**  
**NAD : NICOAMIDE ADENIL dinucleotide**  
**NADP: NICOTINAMIDE ADENIL dinucleotide FOSFATO**  
**FAD: FLAVIN dinucleotide**  
**COENZIMA A**  
**BIOTINA CARBOSSILASI**  
**S-ADENOSIL METIONINA,**  
**GLUCOSIO URIDIN DI FOSFATO**

# MOLECOLE VETTRICI DI ENERGIA

Da riscrivere

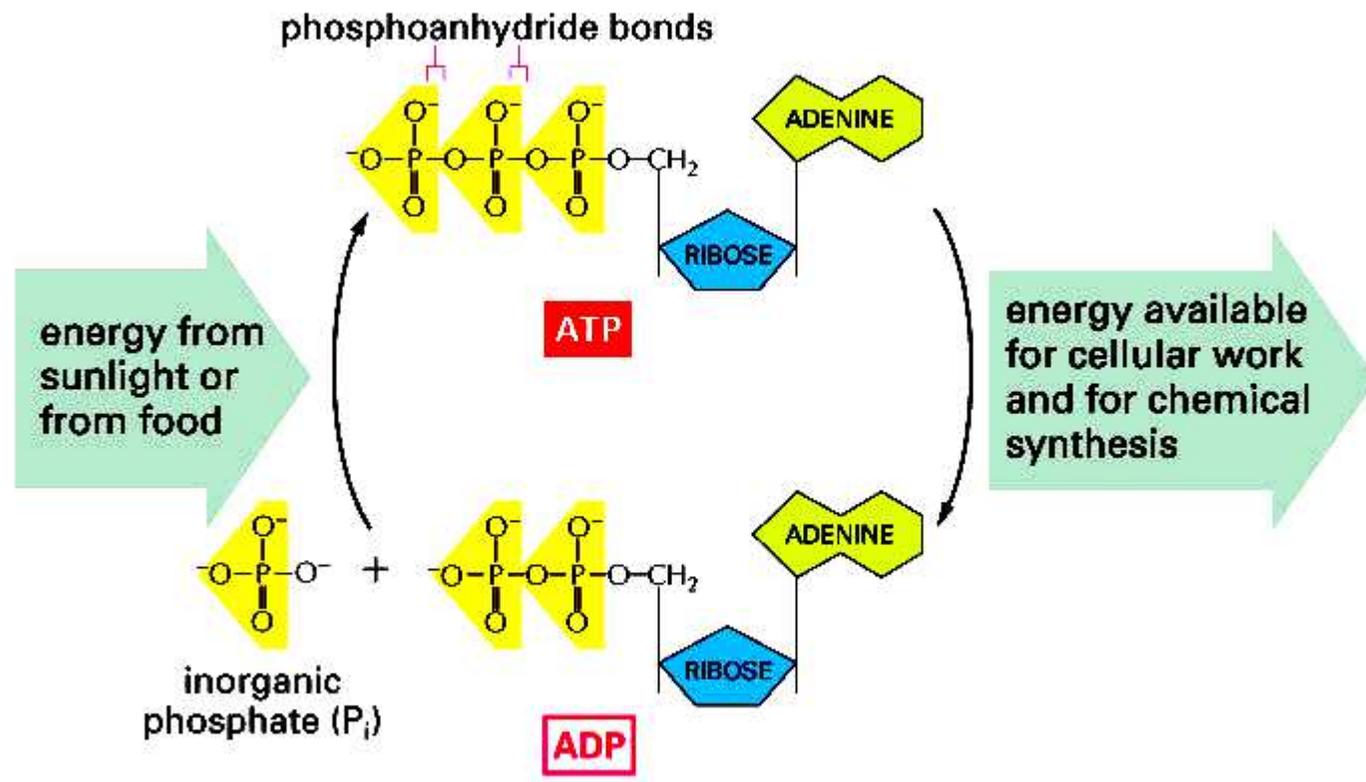
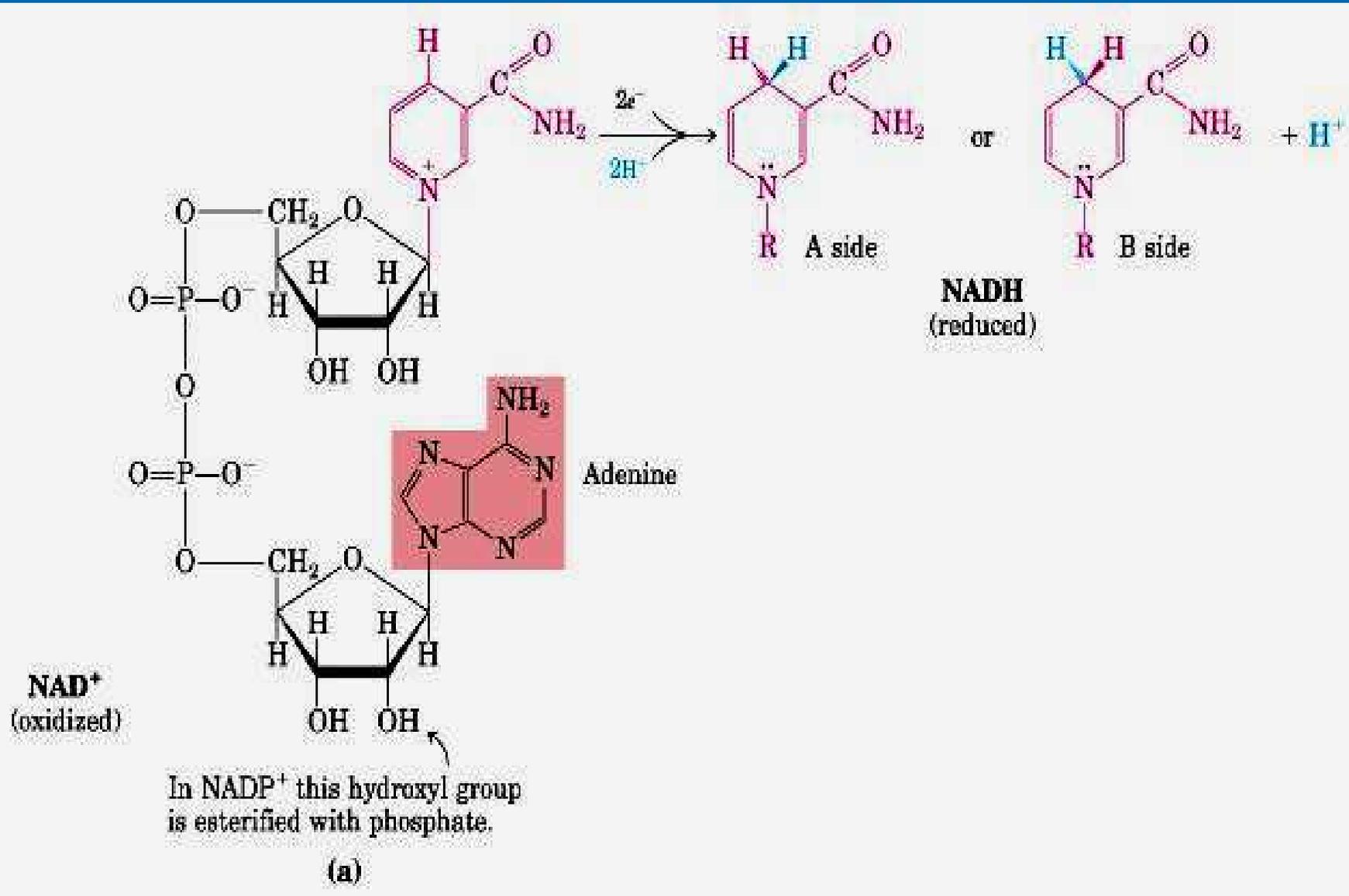


Figure 3-32 Essential Cell Biology, 2/e. © 2004 Garland Science)

# MOLECOLE VETTRICI DI ENERGIA: NADH e NADPH



# COENZIMA A

## Coenzima A

Precursores

Cisteína

Pantotenato

Adenosina

