

# Activity of the selected cytochromes P450

## Skeleton

- Influence on skeletal development and bone ossification

## Liver

- First metabolism of orally admitted drugs

- Cholic acid synthesis

## Kidneys

- Hydroxylation of 25(OH)D3 leading to the synthesis of an active vitamin D

## Heart

- Mainly expressed in the heart

## Intestine

- Anti-inflammatory properties in the intestine

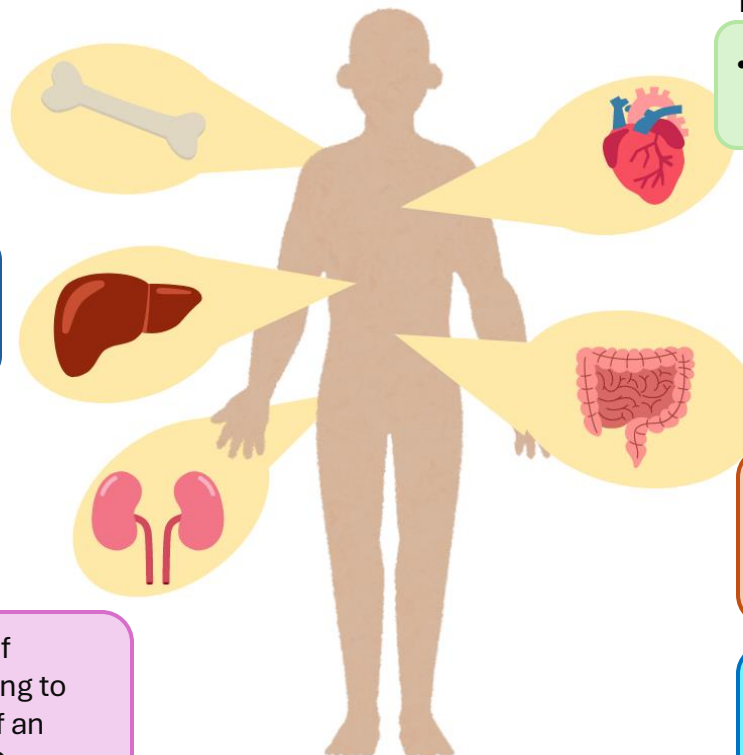
- Elevated expression in Crohn's disease and ulcerative colitis
- Overactivity in Leaky Gut Syndrome

- Association with the Crohn's disease development

- Role in alleviation of colon inflammation

- Decreased expression in celiac disease

- Role in the intestinal wall impairment



CYP2E1

CYP3A4

CYP8B1

CYP27B1

CYP26B1

CYP2J2