HISTOLOGY OF RENAL ORGANS

R(D)SVS
Low mag. (x45) of the kidney of a rat stained with haematoxylin & eosin to show the histological Parts. RP; lumen of renal pelvis

Cortico-medullary junction

Inner medulla

Outer medulla

Renal papilla

RP; lumen of renal pelvis

DCT; distal convoluted tubules

PCT; proximal convoluted tubules

MD; macula densa

RC; renal corpuscle

Section stained with heidenhains azan

Cortex of kidney

25 μm
Section of the medulla of the kidney stained with heidenhains azan showing the loop of henle (LOH) surrounded by the vasa recta.

PCT; proximal convoluted tubules

Mag. x250
Section of the kidney that had been injected with red gelatine to show the blood supply through the kidney.

1; glomerulus
2; peritubular plexus
3; tubules
Section through the renal pelvis
Stained with haematoxylin and eosin.
TE; transitional epithelium
Mag.x300

Section of the bladder stained with haematoxylin and eosin.
TE; transitional epithelium
LP-SM; lamina propria-submucosa
Il; inner longitudinal muscle of the detrusor muscle
MC; middle circular muscle of the detrusor muscle
OL; outer longitudinal muscle of detrusor muscle
Ureter

Fig. 1. - Transverse section
Stained with H & E