

D. Gross Anatomical Features of the Rat PNS [1]

SOMATIC NERVOUS SYSTEM (SMS)

Cranial Components

Ganglia

- terminal ganglion (GTE)
- trigeminal ganglion (GV)
- geniculate ganglion (GgVII)
- spiral ganglion (GcVIII)
- vestibular ganglion (GvVIII)
- proximal glossopharyngeal ganglion (GpIX)
- distal glossopharyngeal ganglion (GdIX) [2]
- proximal vagal ganglion (GpX)
- distal vagal ganglion (GdX) [3]

Plexuses

Nerves

Spinal Components

Ganglia

- cervical 1-8 (G-C1-8)
- thoracic 1-13 (G-T1-13)
- lumbar 1-6 (G-L1-6)
- sacral 1-4 (G-S1-4)
- coccygeal 1-3 (G-Co1-3)

Plexuses

- cervical (cep)
- brachial (bp)
- lumbosacral (lsp)

pudental (pup)

Nerves

phrenic (phn)

AUTONOMIC NERVOUS SYSTEM (ANS)

Sympathetic Nervous System (SNS)

Sympathetic trunk (S)

Ganglia

superior cervical ganglion (GSC) [4]

middle cervical ganglion (GMC) [5]

stellate ganglion (GSTL) [6]

thoracic sympathetic ganglia T3-T13 (Gs-T3-13)

lumbar sympathetic ganglia S1-S4 (Gs-S1-4) [7]

coccygeal sympathetic ganglion (Gs-C)

Prevertebral sympathetic ganglia (GPRS)

coeliac ganglion (GCE) [8]

superior mesenteric ganglion (GSM)

inferior mesenteric ganglion (GIM)

Nerves

splanchnic nerves (spn)

Parasympathetic Nervous System (PSN)

Cranial division (PSNc)

ciliary ganglion (GcIII)

pterygopalatine ganglion (GptVII) [9]

otic ganglion (GoIX)

Sacral division (PSNs)

pelvic ganglion (GPE) [10]

Enteric Nervous System (ENS) [11]

Submucosal plexus (sup)

Myenteric plexus (myp)

Gross Anatomical Features of the Rat PNS (Footnote Annotations)

- 1 Greene 1968; Hebel and Stromberg 1986. Parts of the major divisions in this list are very incomplete; by and large, only those parts referred to in the figures are included.
- 2 Czyzyk-Krzeska et al. 1991.
- 3 Czyzyk-Krzeska et al. 1991.
- 4 Flett and Bell 1990.
- 5 Pardini et al. 1990.
- 6 Pardini et al. 1990.
- 7 Baron et al. 1988; Baron and Jänig 1991.
- 8 Kreulen and Szurszewski 1979.
- 9 Spencer et al. 1990.
- 10 Greenwood et al. 1985.
- 11 Kirchgessner and Gershon 1988, 1989.