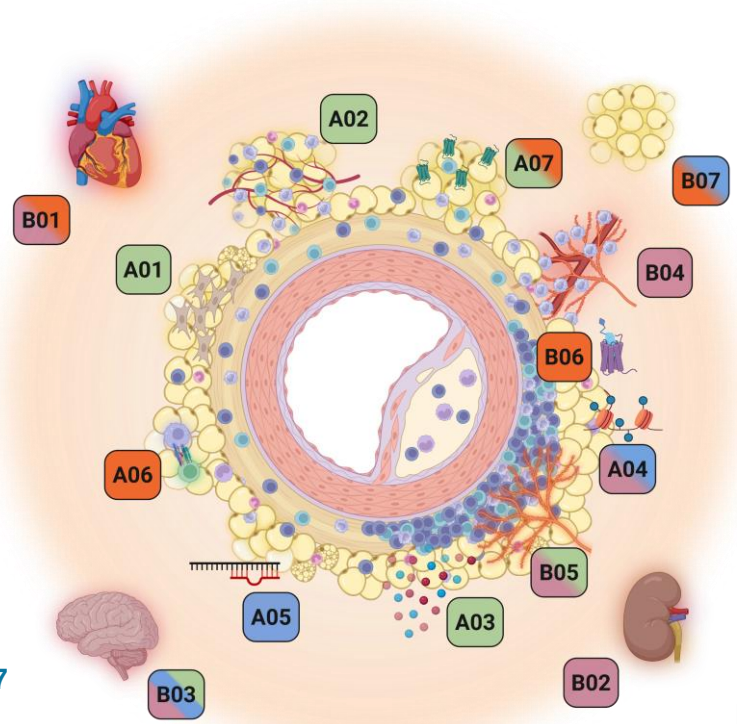
Chemokines
A01-A03, A07, B03, B05
► Canonical & atypical chemokine pathways

Neuro-immune interfaces
B01-B05, A04
► Afferent vs. efferent signals & ganglionic remodelling



Epigenetics
A04, A05, A07, B03, B07
► Histone modifications & microRNAs

Immuno-metabolism
A06, A07, B01, B06, B07
► Amino acids, co-stimulation & lipid signals

Central service projects
S01, S02

Research area A
Local microenvironment

A01 (Sluimer, Van der Vorst)
CXCL14 & perivascular fibroblasts

A02 (Parma, Dûchene)
ACKR1 & 3 in intraplaque angiogenesis

A03 (Stark, Bernhagen)
Chemokines in perivascular immune nexus

A04 (Santovito, Farina)
Epigenetic control of SMCs

A05 (Nazari-Jahantigh, Chen)
Cardiovascular risk genes in perivascular adipose tissue

A06 (Atzler, Merkel)
Targeting T cell amino acid metabolism

A07 (Döring, Bartelt)
Perivascular niche & chemerin receptor 23

Research area B
Distal regulation

B01 (Steffens, Moretti)
Pericardial immune response in myocardial infarction

B02 (Fleig, Kramann)
Kidney disease & perivascular inflammation in atherosclerosis

B03 (Liesz, Roth)
Perivascular immune memory in stroke

B04 (Pekayvaz, Rudelius)
Sympathetic control of perivascular macrophages

B05 (Mohanta, Weber)
Sensory or auditory stimulation & arterial inflammation

B06 (Müller, Bazioti)
Incretin-based polyagonists & perivascular inflammation

B07 (Rohm, Herzig)
Adipose tissue-derived endocrine signals

Central service projects

S01 (Megens, Ishikawa-Ankerhold, Ertürk, Hellal)
Microscopic imaging of perivascular interfaces

S02 (Maegdefessel, Santovito, Spitzer)
Spatial multi-omics & perivascular inflammation atlas