



STROKavenir

A French, nationwide network dedicated to translational research on stroke.

STROKavenir

Stroke Translational Research Network

A network with clinical and preclinical expertise in cerebrovascular disease for:

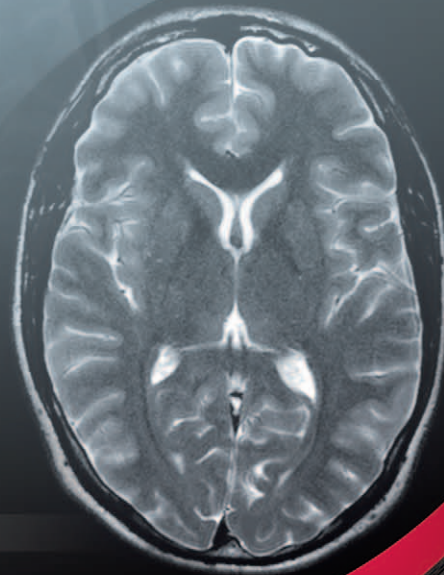
- understanding disease mechanisms and generating new therapeutic approaches
- performing high-quality research - from proof of concept through to pivotal clinical trials
- developing novel methods for investigation of the neurovascular system.

STROKE

- a major public health issue
- a new case every 4 minutes worldwide
- 5.7 million deaths per year worldwide

Three main themes

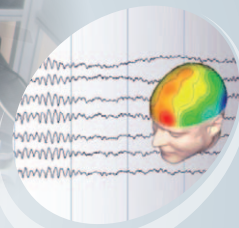
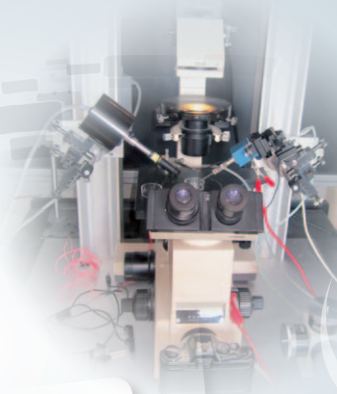
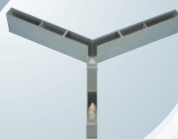
- the natural history and long-term consequences of stroke
- working towards a disease-modifier strategy for stroke
- the development and assessment of new therapeutic strategies



PRECLINICAL FACILITIES



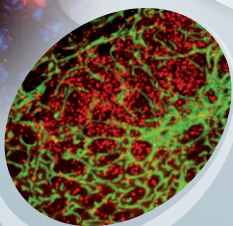
➤ Behavioral assessment
(motor and cognitive aspects)



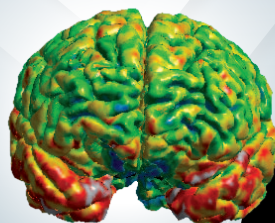
➤ Electrophysiological methods
(patch clamp, microelectrode,
EEG, ERG, etc.)

**Multimodal
investigation
of *in vitro* and
in vivo stroke
models**

➤ Biological
analyses
and assays



➤ *In vitro* and
in vivo models



➤ Imaging
techniques
(MRI, PET, etc.)



**In-house networks
for performing
specific studies**

Stroke units and
neurology departments

➤ Disease models

STROKE

➤ Expert
nurses

Imaging

➤ Rehabilitation

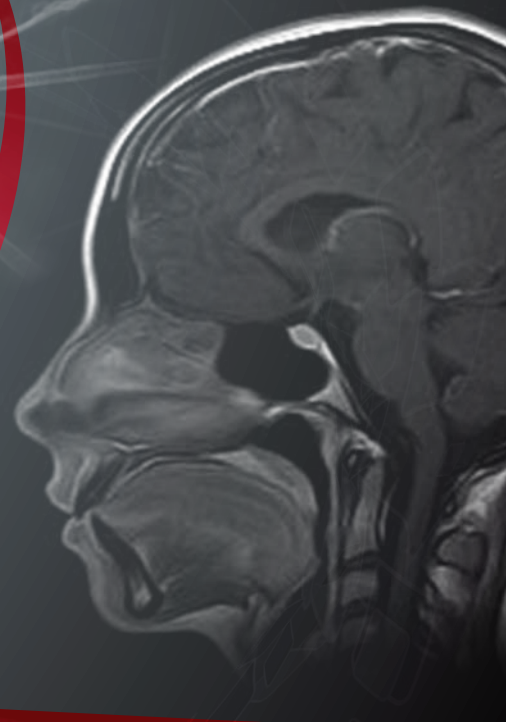
A CLINICAL NETWORK for the optimal management of trials, whether company-sponsored or investigator-driven.

- methodological consultancy and support
- study feasibility (shared database)
- harmonization of logistic procedures
 - blood sample collection
 - image acquisition, processing and storage
- improved patient screening and recruitment
- data analysis

A one-stop shop for industrial sponsors:

- development of tools for faster and better-quality recruitment:
 - Fastroke
 - Opcyclin

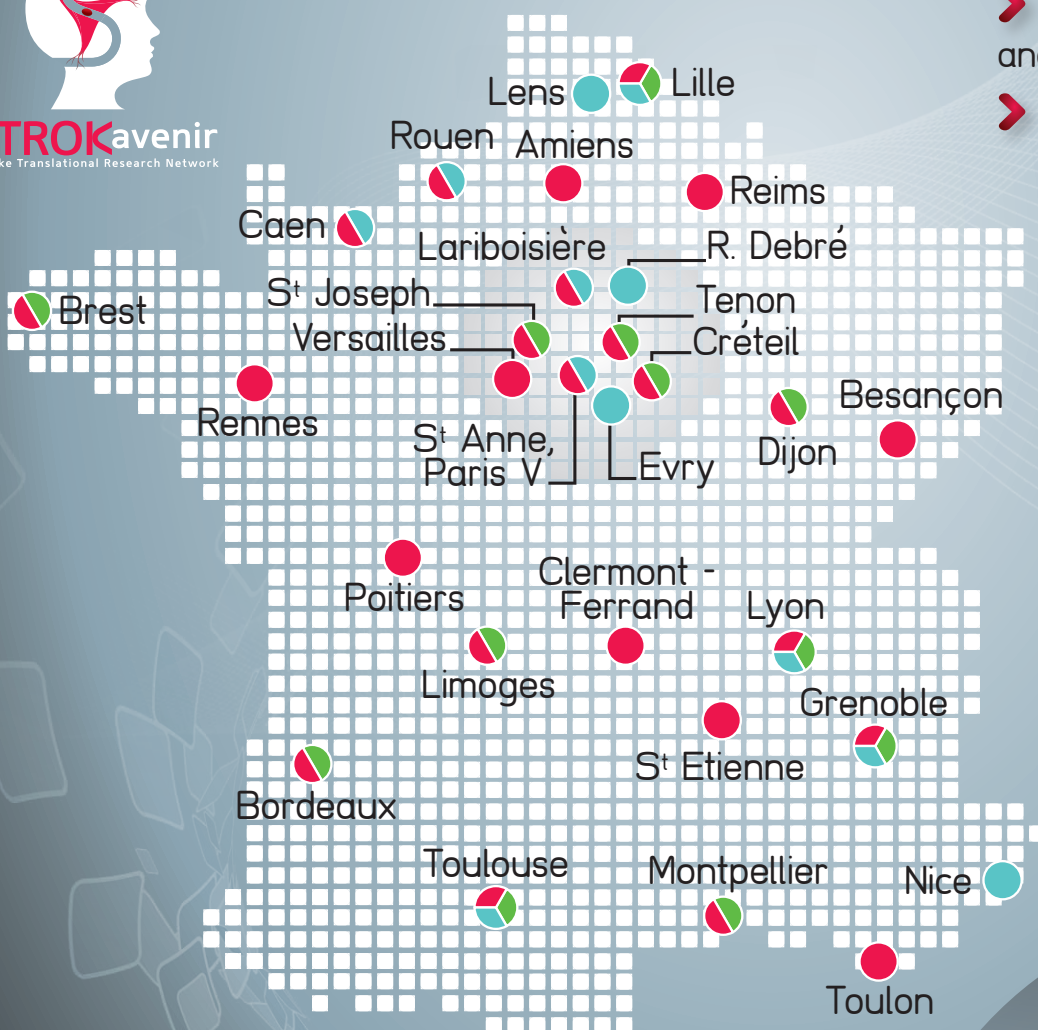
developed by



strokavenir's key strengths:

- a shared database for clinical trials
- a dynamic professional network, with standard operating procedures
- an annual meeting on stroke
- a website and a skills directory

The STROKavenir Network:



- > 25 clinical centres and
- > 12 preclinical centres

- neurology centres
- rehabilitation centres
- basic science centres

All research groups are accredited by French national research institutes (INSERM, CNRS, universities, etc.) and have strong experience in collaborative research (ANR, PHRC, CeNGEPS, Labex, Equipex, European Union projects, etc.)

INSTITUTIONAL PARTNERS



LEARNED SOCIETIES



STROKavenir
Stroke Translational Research Network

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