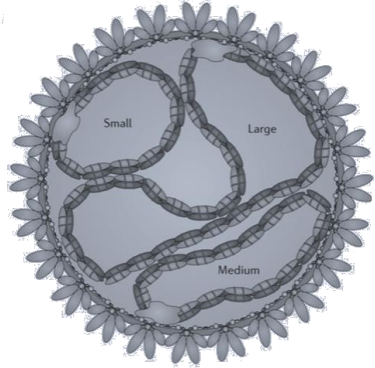


Human risk factors hantavirus infections: national scale's study

Hantavirus: zoonotic virus



Order : *Bunyvirales*
Family : *Hantaviridae*
Genus : *Orthohantavirus*
Species : 36 espèces

3 ssRNA (S, M, L), linear, negative sense

Material & Method

Human sera collected in 28 sites all around Madagascar

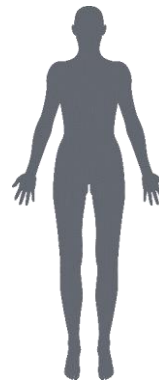
1680 healthy persons (18 – 99 yo)

Screening ELISA (IgG antibodies)



Host reservoirs
(rodent, insectivore, bat)

Transmission to human
Inhalation of hantavirus particle
from excreta or urine

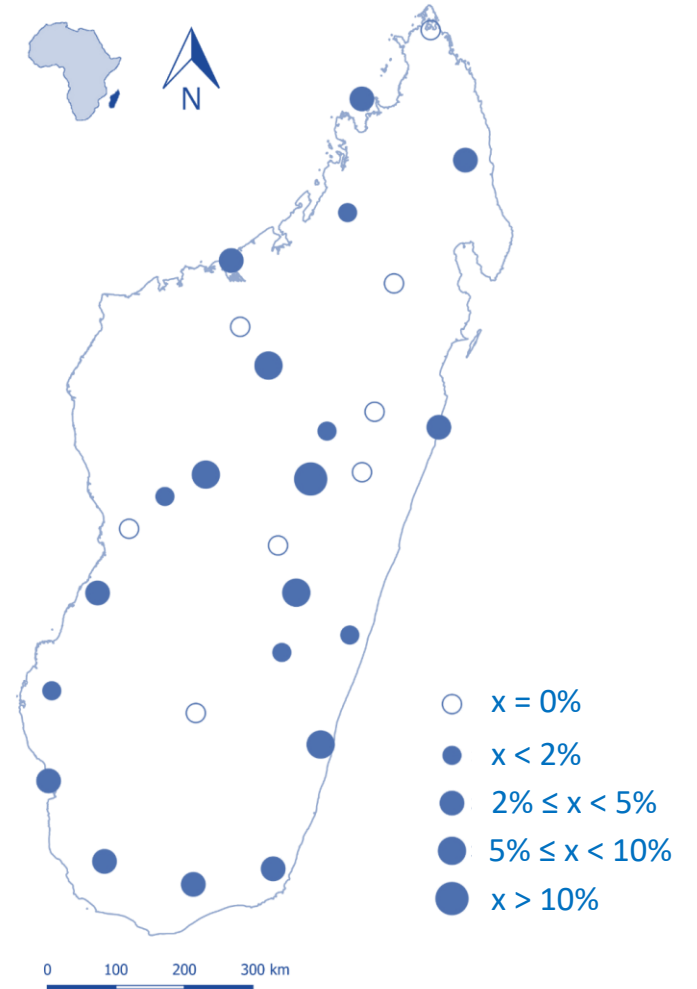


Risk factor

- Age?
- Sexe?
- Level of education?
- Professional activity?
- Location?

Human disease

Hemorrhagic fever with renal syndrome
Hantavirus cardiopulmonary syndrome



Seroprevalence : 2.7% (46/1680)