## Outline

- 1. The model and its mathematical description
- 2. Some applications
  - (a) Mesocopic localization
  - (b) Heterogeneous transmission settings
  - (c) Context-sensitive behavior

## Mesocopic localization

**Localization**: an epidemic sustains itself via a limited (and localized) number of nodes, traditionnally around hubs or within the innermost core.

