THE HOSPITAL, A LIVING ORGANISM
TOWARDS A BIOMIMETIC DESIGN APPROACH
1. Introduction
2. Applied Research
3. Context CHU « Île de Nantes » Hospital
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STRATEGIC INNOVATIONS
The Anthropocene – our new footprint

Biomimetic Design:

Bio-sourced materials
Biodiversity
Biomimicry
THE CONTEXT:
ÎLE-DE-NANTES HOSPITAL
CHU DE NANTES
ART & BUILD ARCHITECTS
PARGADE ARCHITECTES
architect
SIGNES
ARTEIA
client
lead architect
associate
landscape design
engineering
10.1 hectare site

64 % of stays performed on an outpatient basis

953 M€ in final value, all expenses included

54 operating rooms in 3 operating wards

130,000 emergency visits annually

1,384 beds & places including 257 critical beds

158,000 estimated stays in MCO (medicine, surgery, obstetrics) in 2020

100 % of single rooms

225,000 m² Total GFA
BIOMIMETIC APPLICATIONS
CONCLUSIONS & IMPLICATIONS
THANK YOU