THE HOSPITAL, A LIVING ORGANISM TOWARDS A BIOMIMETIC DESIGN APPROACH





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STRATEGIC INNOVATIONS

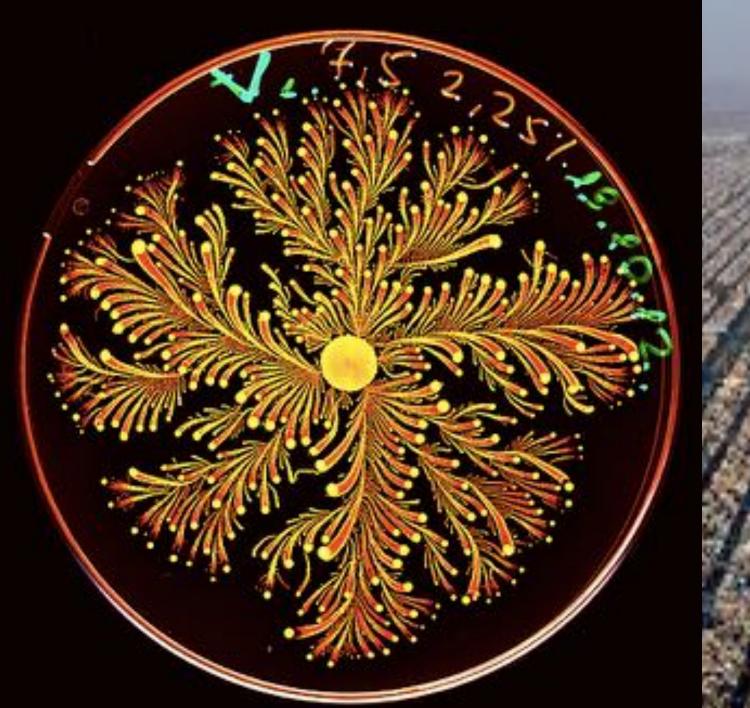


The Anthropocene – our new footprint

Biomimetic Design:

Bio-sourced materials Biodiversity Biomimicry

















THE CONTEXT: ÎLE-DE-NANTES HOSPITAL













CHU DE NANTES
ART & BUILD ARCHITECTS
PARGADE ARCHITECTES

architect

SIGNES ARTELIA 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





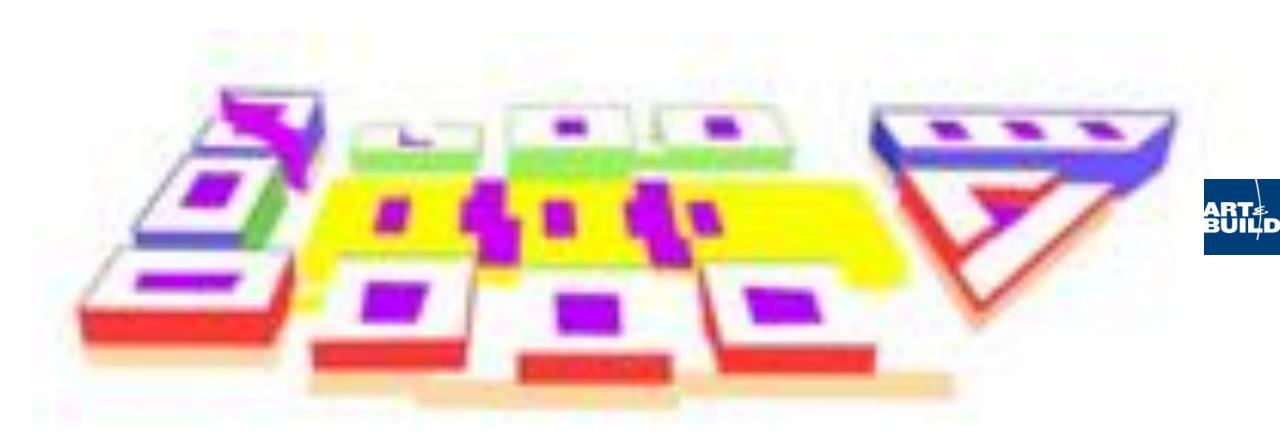












DICERSMOOTH, THANSPARENT

































CONCLUSIONS & IMPLICATIONS



