

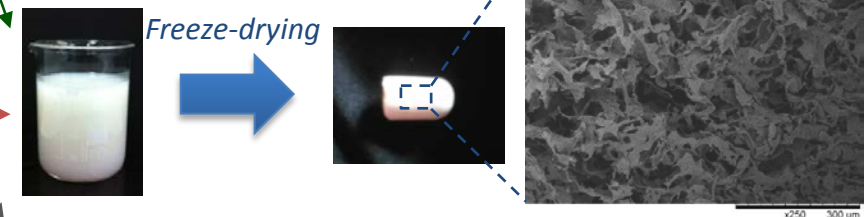
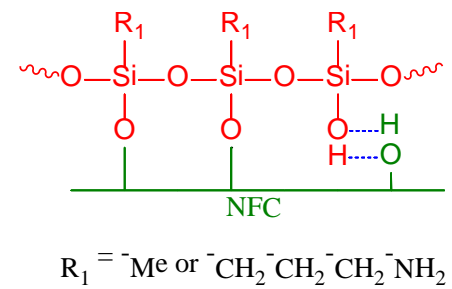
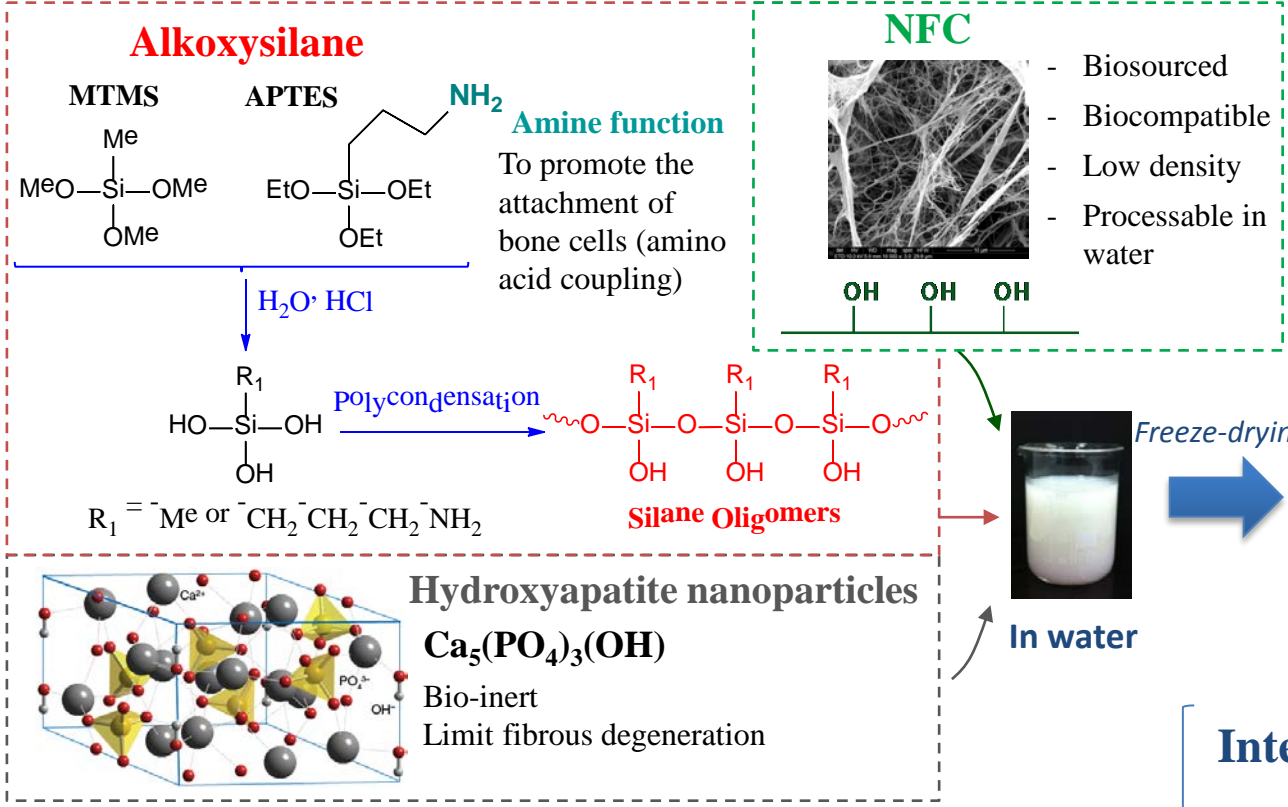


Poster n°P11

## Synthesis and Characterization of Nanocellulose Aerogels for the Elaboration of Innovative Biosourced Bone Substitutes

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## Silylated NFC aerogels



**Biosourced scaffold for bone substitute applications**

Adhesion and differentiation  
of human mesenchymal stem cells

- Interesting properties:**
- Biosourced and biocompatible
  - Low density  $< 20 \text{ kg.m}^{-3}$
  - High porosity  $> 99\%$
  - Tunable stiffness and elasticity



**Thank you for having listened attentively!**

Poster n°P11