

Describe your Organization:

- Who are you? **SME, NanoRegMed Ltd, London**
- Where, size, What do you do?: **5 people**
 - **We working on development of human organs, ear, nose, urethra, tendon and heart valve.**
 - **Functionalized nanoparticle, example graphene oxide**
 - **Development of nanocomposite material for medical and other industrial application**
- Any relevant FP7, H2020 experience?, In what programmes.
 - **FP7, Medical**
 - **FP7, Nanomaterials, Smart materials**

H2020 WP2020 topic/s you are targeting as coordinator (it could be more than 1 topic):

- From the ICT or NMPB WP for year 2020:
 - NMBP-21-2020: Biological scaffolds for tissue regeneration and repair (RIA)**
 - NMBP-22-2018: Osteoarticular tissues regeneration (RIA) Specific**
- Deadline, single vs 2 STAGE submission: **2 stage**
- Type of Action, TRL and Expected Impact: **Complete preclinical test under GMP/GLP, ready for clinical trial**
- Have you discussed the topic with your NCP? **Not yet**
- Other?
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Your idea:

- Main objective: **Development of tendon with smart functionalized graphene oxide nanobiomaterials scaffold, enhanced with growth factors and fat stem cells extracted from patient within operating time.**
- Coordinator's name: **Professor Alexander Seifalian**
- Current partners: **Pharmidex**
- Partner gap/s in the consortium (profile of the sought partner and role): **GMP manufacturing, GLP testing, characterization**
- Who to contact: **Alexander Seifalian, alex@nanoregmed.com, +447985380797**