



E.A. 6295 Nanomedicines and Nanoprobes

As an academic research group, we are heavily involved in our **four missions**:

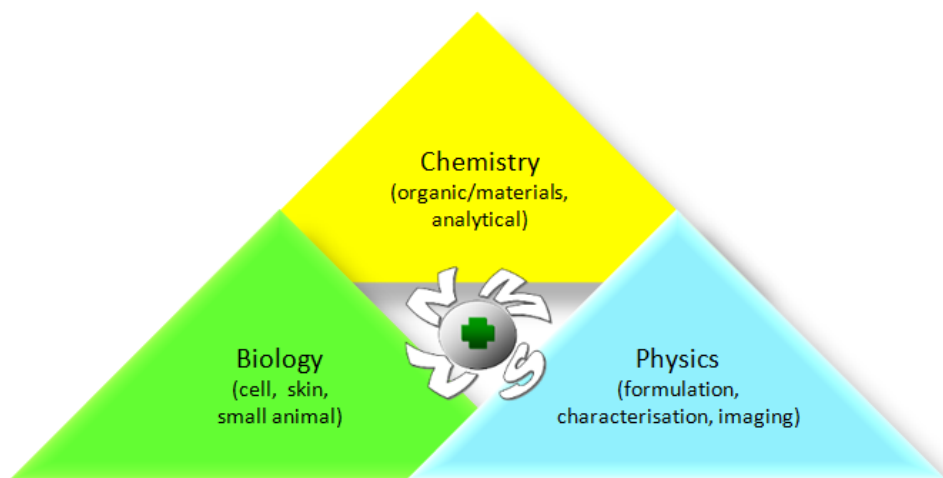
1. academic research,
2. teaching through research,
3. support for research, and
4. interaction with the social, economic, and cultural environment.

Our research group federates complementary skills for developing and studying **biocompatible nanoparticles** as vectors for anti cancer drugs (nanomedicines - NM) and/or contrast agents for imaging (nanoprobes - NS).

Our research activities are centered around two main themes: theranostics of cancers (diagnosis and therapeutic treatment combined) and dermatology/cosmetics.

Thanks to our pluridisciplinary team we are able to study these novel nano-objects all the way from their synthesis (chemistry) and complete characterisation (physico-chemistry) through to *in vitro* and *in vivo* testing (biology).

To aid us in our work, we develop novel bioanalytical and diagnostic approaches based on capillary electrophoresis and spectral imaging in order to establish relationships between physico-chemical properties of the nanoparticles and their biological activities.



Contact

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Composition of our group

1 professor
8 assistant professors (Maîtres de conférence)
5 doctoral students
3 post-docs
3 technicians

News

Teaching

Master 2 pro

["Production et Réglementation des Produits de Santé"](#), parcours
"Pharmacotechnie, Contrôle, Affaires Technico-réglementaires"

Licence pro

["Cosmétologie Industrielle"](#)

We are hosted at the

[Faculté de Pharmacie de Tours](#)

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