

**PROJECT MANAGER  
PROGRAMME FÉDÉRATEUR AVIESAN  
« TOWARDS A SUBCELLULAR MAPPING OF THE CANCER CELL » (NanoTumor)**

**Context:**

In 2019, the French National Alliance for Life Sciences and Health (Aviesan) launched the 1<sup>st</sup> edition of its Aviesan Federating Program (PFA), whose objectives are:

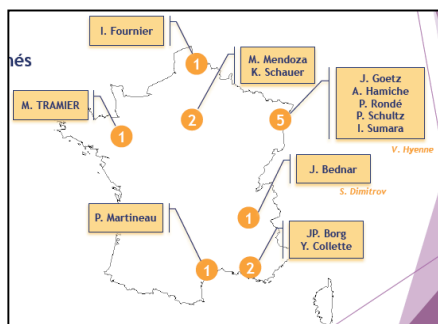
- To structure scientific communities in specific and priority areas by developing large-scale interdisciplinary national consortia;
- To create a dynamic at the border between several fields to explore research niches that have not yet been studied in an interdisciplinary approach, by developing a complementarity of know-how.

Entitled “Towards a subcellular map of the tumour cell-NanoTumor”, this 1<sup>st</sup> edition of the PFA program was organised by the Multi-Organisation Thematic Institutes (ITMO) Cancer and Molecular and Structural Bases of Life (BMSV) of Aviesan, funded by the 3<sup>rd</sup> Cancer Plan (2014-2019) and operated by Inserm.

The NanoTumor project, composed of 13 teams spread over on Strasbourg (5), Paris (2), Marseille (2), Lille (1), Lyon (1), Montpellier (1) and Rennes (1) sites, was selected by the PFA Evaluation Committee. NanoTumor is the first program of its kind at the interface of cancerology and structural biology. Its objectives are:

- to draw a structural and functional mapping of the cancer cell
- to perform the analysis of cancer cell plasticity, both at the dynamic and functional level
- to establish a morphological atlas of the cancer cell, and to characterise the multi-protein complexes present within
- to study the dynamics of cancer-driven cell transformation and how the cells adapt to it
- to cross-compare normal and cancer cells
- to model interaction networks which are perturbed in cancer
- to identify innovative anti-cancer targets, together with novel pharmacological compounds.

In the long term, the PFA NanoTumor should allow to (i) shape the community and facilitate the development of unique skills, (ii) become a highly competitive programme at the interface between the BMSV and Cancer communities, (iii) apply to European calls and have a first-order international visibility in the field. This last point will be under the direct responsibility of the Project Manager.



**In the framework of this consortium, we are recruiting a scientific and administrative Project Manager for the PFA Nanotumor project for three years.**

The Project Manager will be mainly located in Strasbourg, in close proximity with the coordinators of the consortium (Jacky Goetz and Patrick Schultz). As the participants to the consortium are located on several sites, a significant traveling activity is also envisaged.

**Mission:**

Under the supervision of the coordinators (Jacky Goetz and Patrick Schultz), and of the directors of the four axes of the *Nanotumor* project, the scientific and administrative Project Manager will organise and lead the implementation of the strategic orientation of the consortium. He/she will then coordinate important and complex projects. In agreement with the coordinators, the Project manager will be in charge of identifying the national and international (European and/or extra-European) grant calls where the *Nanotumor* consortium would be eligible to. He/she will organise the consortium meetings, activity reports schedules and redaction, etc...

**Profile:**

Double competence is mandatory: scientific (PhD and post-doc) and administrative.

**Main Tasks:**

- Design and execute the main framework of the *Nanotumor* project, in close partnership with the programme coordinators.
- Manage, organise, coordinate and supervise the functioning of the programme on a regular base: planning the activities of the coordinators within the framework and the objectives of the project, performing coaching and team building activities for the teams involved in the various tasks of the project.
- Help in conceiving the framework and the objectives of the project, boost the projects of the *Nanotumor* programme and ensure their implementation
- Monitor potential grant calls and funding possibilities
- Monitor European and international programs likely to meet the objectives of the programme (H2020, ITN, FET etc...).
- Draft requests for additional funding in close collaboration with the coordinators of the *Nanotumor* programme and the directors of the axes.
- Organise the dissemination of results within the consortium, organise intra-consortium meetings and collaborations.
- Propose and conduct an internal and external communication policy (website, etc ...), ensure internal communication in collaboration with the coordinators.

**Main skills:**

- Knowledge of a disciplinary or interdisciplinary field: the biology of Cancer and its ultra-resolutive approaches.
- Methods in project management
- Knowledge of the main European and international programs
- General knowledge in budget
- Economic and technical knowledge
- Research and innovation policy
- Understand the objectives of the project

- Management techniques
- Negotiation techniques
- Understanding of the organisation and functioning of higher education and public research systems
- Environment and professional networks
- English language: B2 to C1 (Common European Framework of Reference for Languages)

### **Operating skills:**

- Animating a network / a group
- Leading a project
- Advising and decision-support capacities
- Knowledge transmission
- Managing his/her activity in a complex management and calendar framework
- Entrepreneurial spirit
- Acting as the representative of the consortium
- Delegate and evaluate
- Monitor

### **Behavioural skills:**

- Conceptualising
- Being prospective
- Ability to develop a strategic vision
- Sense of organisation and working independence
- The ability to work in a team
- Easy-going, being available to interact with and to listen to other people

### **Contact:**

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