Come descrive la Sua esperienza di supporto ad un gruppo di ricerca nell'attività di conduzione di un progetto europeo?

The periodic report must include the following:
(a) a 'periodic technical report' containing:
(i) an explanation of the work carried out by the beneficiaries;
(ii) an overview of the progress towards the objectives of the action, including milestones and deliverables identified in Annex 1.
This report must include explanations justifying the differences between work expected to be carried out in accordance with Annex 1 and that actually carried out.
The report must detail the exploitation and dissemination of the results and — if required in Annex 1 — an updated 'plan for the exploitation and dissemination of the results'.
The report must indicate the communication activities;
(iii) a summary for publication by the Agency;
(iv) the answers to the 'questionnaire', covering issues related to the action implementation and the economic and societal impact, notably in the context of the Horizon 2020 key performance indicators and the Horizon 2020 monitoring requirements;

The final report must include the following:
...
...

Come descrive la Sua esperienza di supporto ad un gruppo di ricerca nell'attività di stesura di report per l'agenzia EC-REA?

The beneficiaries must carry out the action in compliance with:
(a) ethical principles (including the highest standards of research integrity) and
(b) applicable international, EU and national law.
Funding will not be granted for activities carried out outside the EU if they are prohibited in all Member States or for activities which destroy human embryos (for example, for obtaining stem cells).
The beneficiaries must ensure that the activities under the action have an exclusive focus on civil applications.
The beneficiaries must ensure that the activities under the action do not, for ex.
(a) aim at human cloning for reproductive purposes;
(b) intend to modify the genetic heritage of human beings which could make such changes heritable
(with the exception of research relating to cancer treatment of the gonads, which may be financed)
In addition, the beneficiaries must respect the fundamental principle of research integrity — as set out, for instance, in the European Code of Conduct for Research Integrity.
This implies compliance with the following fundamental principles:
- *reliability* in ensuring the quality of research reflected in the design, the methodology, the
analysis and the use of resources;
.....
.....

Come descrive la Sua esperienza di supporto ad un gruppo di ricerca nelle attività di disseminazione, outreach e comunicazione?

There is a need for a paradigm shift in the treatment of drug-resistant epilepsy. Several routes have been explored to modulate or silence dysfunctional neural circuits, through genetic, electrical, magnetic or optical means. All have serious limitations due to the unphysiological mechanisms used to regulate neuronal activity. In IN-FET, we address this issue by manipulating the elementary building blocks of cell excitability: ions.
IN-FET tackles the visionary idea of altering neuronal firing and synaptic transmission by direct ionic actuation at the microscopic scale, while monitoring cell responses by arrays of nanoscale transistors. We will develop and test, in vitro, the use of active polymers to trap or release electrochemically specific ions in the extracellular milieu surrounding neurons. These will be integrated with ion sensors and ultra-sensitive nanowire arrays, offering closed-loop regulation of cellular electrical activity. We will deliver for the first time a device that can physiologically modulate the neuronal membrane potential, the synaptic release probability, and glutamatergic NMDA receptors activation by altering potassium, calcium, and magnesium ionic concentrations in a controlled and spatially- confined manner.