



PROJECT ACRONYM
CUPIDO

PROJECT TITLE
Cardio Ultraefficient nanoParticles for Inhalation of Drug prOducts

Deliverable 10.15

Summary of annual workshops, networking events, and building communities

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1. Executive summary

Activities to be performed by CUPIDO, under the framework of WP10, aim at the following goals:

- Facilitate the **acceptance** and use, by healthcare professionals and patients, of the developed new bio-formulation and therapies;
- Create **awareness** and seek involvement of the general public around the main benefits of the latest results in active nanoparticle-based medicinal products and non-invasive therapies;
- Build and maintain a strong link with other European projects, initiatives and clusters active in the cardiovascular diseases care sector.

IN supports the consortium in reaching these objectives by facilitating the outreach to general public and relevant stakeholders. In collaboration with the coordinator, IN outlined the project's training plan, which has been included in D10.14.

Key deliverable achievements

The consortium organized and participated to:

- 1) a **workshop** on “Quality management and Regulatory requirements for nano-carriers”
- 2) networking events / meetings with active communities;
- 3) a **webinar** on “Intellectual Property”.

2. Cooperation between participants

As task leader of T10.3 “Building communities” and T10.4 “Active training”, IN created this deliverable. This D10.15 describes the main activities performed by the consortium, under the framework of WP10, during the project semester February – July 2018 (M13-M18).



Figure 1. Mind map illustrating the collaboration between partners for the creation of D10.15.



3. Building communities

Workshop

The 1st **CUPIDO scientific workshop** has been organized on March 15th 2018 in Chilly-Mazarin (FR) and was hosted at SAN's premises to the benefit of consortium partners. The workshop, focused on “**Quality management and Regulatory requirements for nano-carriers**”, was organized by the partner SAN with the collaboration of CNR-IRGB and CITC. The event saw the participation of 3 external experts as speakers:

- Patrick Boisseau from the European Technology Platform on Nanomedicine (ETPN);
- Simon Baconnier from the European Nanomedicine Characterisation Laboratory (EU-NCL);
- Blanka Halamoda, Scientific/Technical Project Officer at the European Commission's Joint Research Center.

The workshop was composed of the following speeches and presentations:

- “*The EU ecosystem in nanomedicine*” by Boisseau (ETPN);
- “*European Infrastructure to improve translation in nanomedicine*” by Baconnier (EU-NCL);
- “*Outcomes of the JRC workshop Bridging communities in nanomedicine*” by Halamoda (JRC Nanobiotechnology);
- “*Quality management: How to elaborate a Certificate of Analysis in practice*” by Bazile (SAN).

Some of the presentations are available on our project [website](#) and are therefore accessible to the public. All consortium partners participate actively to the workshop.



Figure 2. Participants and speakers of the workshop “Quality management and Regulatory requirements for nano-carriers”.



Collaboration with similar projects

A new cooperation with the H2020 project [BIORIMA](#) led to the participation of CUPIDO to the [3rd Italian-Swedish Workshop on NanoBioMaterials](#) (additional details follow).

Meetings with active communities

CUPIDO had the chance to network with relevant communities by participating to the following 6 networking events/meetings:

1. **Pharmapack Europe. Paris (France), 6-7 February 2018.** Pharmapack is the Europe's dedicated Pharmaceutical Packaging and Drug Delivery event. NEMERA joined the 411 exhibitors and 5,290 attendees for 2 days of Exhibition floor, Conferences and Innovation browsing and get an update on the latest trends, developments and regulations impacting the industry.
2. **Particle Engineering and Device Development for Pulmonary Drug Delivery: What is new? Belgrade (Serbia), 27-28 February 2018.** An intensive two-day workshop focused on the new developments in the device and formulation development in pulmonary drug delivery. The workshop features an interesting mix of pioneering researchers and experts from industry and academia, among them a keynote speaker was Prof. Paolo Colombo, from Plumestars and representing CUPIDO.
3. **2nd international awareness session for international regulators, academia and non-governmental organisations. London (UK), 8-9 March 2018.** This two-day awareness session for international regulators, academia and non-governmental organisations gave an insight into how the European medicines regulatory network works, the role of European Medicines Agency (EMA), scientific aspects of EMA's work and its interaction with scientific experts. It addressed topics including the role of experts and benefit-risk evaluation.
4. **3rd Italian-Swedish Workshop on NanoBioMaterials – From safety assessment to biomedical uses. Turin (Italy), 22-23 March 2018.** This workshop by the BIORIMA H2020 project focused on safety assessment and biomedical applications of nanomaterials. During the 2-day workshop, the participants discussed up-to-date information on material characteristics, their application and potential adverse health effects, as well current and future biomedical applications. Among the participants Michele Miragoli, from CNR-ISTEC and part of the CUPIDO team, presented our work.
5. **INTERPHEX 2018. New York (USA), 17 April 2018.** INTERPHEX is a pharmaceutical, biotechnology, and device development and manufacturing event that brings over 11,000 global industry professionals and 650+ leading suppliers together. It features a combination of no cost technical conference, exhibits, demonstrations, and networking events to leverage quality, efficiency and cost effectiveness. NEMERA was there to represent CUPIDO.
6. **RDD Respiratory Drug Delivery, 22 April 2018.** Respiratory Drug Delivery (RDD) is a series of academically organized, international symposia focusing on the development and commercialization of pulmonary and nasal pharmaceutical products. NEMERA was there to represent CUPIDO.

Next steps

During the next years, we forecast to participate to additional events where relevant active communities are involved.



4. Active training

Webinar

On June 21st 2018 the partner CITC organized a 1-hour **Intellectual Property training webinar** presented by Dr Martin Lipscombe, patent attorney from Nash Matthews LLP (Cambridge) via iMeet. This presentation covered the basics of intellectual property, patents, prior art, and the patent application process, particularly their importance to scientific research. The webinar was aimed at junior researchers, however it was open to anyone in the consortium interested in the topics.

The webinar saw the participation of 7 participants from 7 beneficiaries (CNR, BET, IMP, SIM, LIF, CIT, and IN).

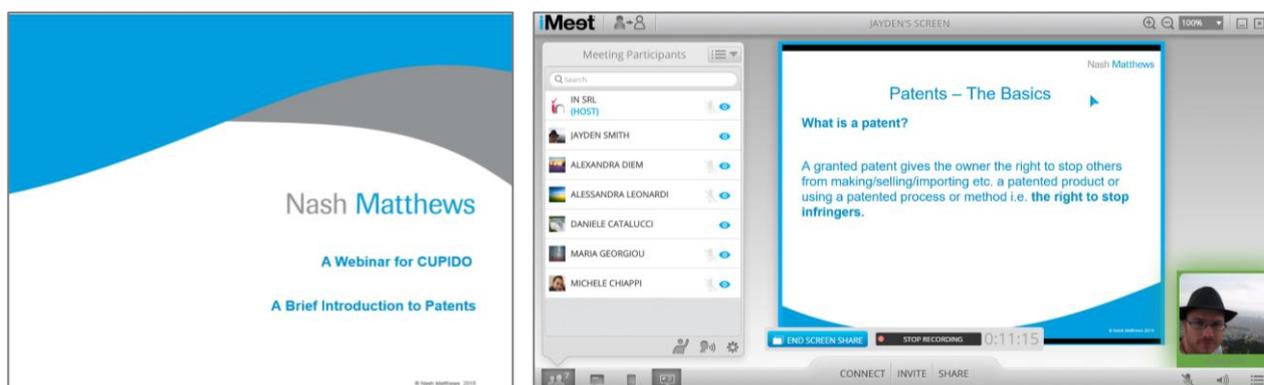


Figure 3. Screenshots of the IP webinar held by CITC.

Next steps

The consortium will be involved in additional training events, e.g. soft skills workshops. Training will be evaluated via satisfaction questionnaires.

5. Conclusions

During the past semester, CUPIDO organized and participated to a workshop on “Quality management and Regulatory requirements for nano-carriers” and a webinar on “Intellectual Property”. Moreover, the consortium participated to several relevant networking events.

The contents of this deliverable will be updated at need during periodic reporting, at M36 (D10.16) and at M48 (D10.17). The satisfaction questionnaires on the training activities organized by CUPIDO, collecting the participants’ feedback, will be included in D10.18 (to be submitted at the end of the project).