



# ProEVLifeCycle NEWSLETTER -winter edition-

## We had our 4th Network Meeting !

ProEVLifeCycle members organized **our first ever face-to-face network meeting** in Cardiff, UK, in November 2021. The event comprised a myriad inspiring activities over a period of three days. Trainings in topics such as **creativity in science, data integration, data management** and **FAIR principles** were successfully carried out. Moreover, the Early Stage Researchers (ESRs) delivered **engaging presentations** about the progress of their PhD work that were followed by lively discussions. Throughout the programme, different **November** activities were organized to raise funds and awareness of prostate cancer and men's health in general. This included a poster presentation and Movember group walk in St. Fagans National Museum of History, as well as insights from speakers such as Movember Ambassador Nic Clarke and Ms. Betty Hunter. Nic's talk was a deeply stirring account of his own personal experience by which he illustrated the significance of supporting men's health through initiatives such as the Movember movement. Ms. Hunter also shared valuable insights on public engagement for Movember actions alongside other beneficial information about video creation and conducting interviews. Among other activities, the spectacular gala dinner at Cardiff Castle largely remained the most delightful event and a perfect closing of the programme. We would like to extend our thanks to the local organizing team Mariama, Aled and Jason for all their efforts in making this great event happen!



## ESR Spotlight

The ESRs have decided to introduce a new edition of the ESR Spotlight, which will from now on be published on a monthly basis in the form of a video on YouTube and shared on our social media platforms. The first ESR to kickstart this initiative was **Vincenzo Verdi**, whose video interview you can watch using this link:

[https://www.youtube.com/watch?v=m\\_LSmhIM5n4](https://www.youtube.com/watch?v=m_LSmhIM5n4)



## Trainings

In 2021, we initially had training on understanding the pathophysiology of prostate cancer. In addition, we received extensive training regarding extracellular vesicle (EV) lifecycle, handling of EV samples, EV diagnostic applications, EVs in metabolism and EV interaction with the blood barrier. Most recently, we received a lecture on drug screening and different approaches that AstraZeneca uses for developing therapeutics and how we can apply these approaches in the field of EVs. Besides these webinars, to expand our horizons on the management aspects of undertaking a PhD, we had a very interesting lecture and discussion on how to successfully complete a PhD while facing the most common pitfalls on a usual 4-year trajectory.



## Publications

In the consortium we published several review articles on various topics. Guillermo explained the benefits of utilizing 3D culture models in cancer research in order to obtain results that are more physiologically relevant (<https://doi.org/10.3390/cancers13020307>). Later, in another review, he clarified the approaches for studying EVs in single-vesicle resolution to better understand the structure and cargo of heterogenous populations of EVs (<https://doi.org/10.1038/s41596-021-00551-z>). Focusing on the importance of cancer diagnosis, Ana discussed the application of biofluid-derived EVs for early diagnosis of cancer and the technical aspects we need to consider when developing an EV-based diagnostic platform (<https://doi.org/10.1016/j.addr.2021.05.029>). Pol published a review article on EVs as a drug delivery vehicle and the challenges that need to be overcome for EV-mediated drug delivery (<https://doi.org/10.1016/j.addr.2021.05.011>).



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Happy Holidays from  
ProEVLifeCycle  
Consortium!

Let's keep in touch:

