



CIBERONC Liquid Biopsy Work Module Face-to-Face Workshop

Where: Madrid, CIEMAT (Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas)

When: Thursday May 26th (9-17h) and Friday May 27th (9-15h) 2022

Accommodation and Transport: The CIBERONC Liquid Biopsy Working Module will provide hotel accommodation and transport pending on the final number of participants (specific details to follow)

Focus: The workshop is open to young scientists within the CIBERONC network: pre-doc and early post-doc researchers (<5 yrs since PhD) from the CIBERONC groups, including all CIBERONC programs.

Researchers that do not officially form part of CIBERONC groups but work in a research group that actively collaborates with a CIBERONC group can also apply and will be considered if there are slots left after the registration of the members of the CIBERONC groups. Also, due to budget restrictions, the external researchers will not be eligible for any of the financial awards to cover transport and accommodation.

Objectives: Educational workshop on the liquid biopsy aiming to promote collaborations between CIBERONC researchers and groups, and provide support for young scientists working in the liquid biopsy field.

Registration and selection:

Registration can be made through the following form (<https://forms.gle/YnkythW848yi1KbG9>) until the 27th of April 2022.

All researchers interested in the workshop are asked to send a short CV (ideally in the CVA format, <https://cvn.fecyt.es/editor>), including career stage (i.e. pre-doc yr 1-2, pre-doc yr 3-4, Post-doc <2yrs, post-doc <5 yrs), summary of activities, main interests and projects.

Young researchers selected to participate on the workshop are also encouraged to present a project (ongoing or starting) during the workshop in order to seek collaboration from CIBERONC members/groups. For example, ask for a validation cohort, validation of the results with another liquid biopsy technique, etc. For that, please send the summary of your project with a 1-page word format email to liquidbiopsy@ciberonc.es with the title "Workshop – project presentation" by May 10th.

Thursday 26th May 2022

9-10.30h: LBWM members only breakfast and workshop check-in.

10.30h: Official opening of course

- **Personal presentations of all the LBWM members**

All LBWM members

- Ongoing activities of the LBWM, Slack digital channel, and general LB topics that will be discussed in the workshop

Dr. Rodrigo Toledo (CIBERONC)

- **Demonstration of the LBWM website: protocols, ecosystem, events.**

Dr. Julie Earl (CIBERONC) and Laura Muínelo Romay (CIBERONC)

- **Summary of the program of the workshop**

Dr. Sara Lopez (CIBERONC)

11.30h: Plenary Lecture-1: Liquid biopsy: Title to be confirmed

Enrique Alava (CIBERONC)

12.30h. Plenary Lecture-2: Liquid biopsy: Title to be confirmed

Dr Luis Paz Ares (CIBERONC)

13.30-15.00 Lunch

15.00h: Session 1

Moderated by Dr. Marta Dueñas (CIBERONC) and Dr. Javier Hernandez (CIBERONC)

- **The heads and tails of the CTCs study for precision oncology**

Dr. Laura Muínelo Romay (CIBERONC).

- **Circulating Tumor Hybrid Cells**

Dr. Eduardo López Collazo (IdiPAZ).

- **Liquid biopsy considerations: Traceability, QC, Ethics, clinically recognized accreditation**

Dr. Beatriz Bellosillo (CIBERONC)

- **The use of liquid biopsy in early diagnosis of cancer**

Dr. Silvia Calabuig (CIBERONC)

- **MRD detection in circulating tumor DNA in Non-Hodgkin lymphoma patients**

Dr. Maria Eugenia Alonso Sarasquete (CIBERONC)

- **Liquid biopsy for monitoring clonal dynamics and tumor evolution**

Dr. Margarita Sánchez-Beato (CIBERONC)

General discussion

20.30h Networking and Dinner (Location to be confirmed)

Friday 27th May 2022

9.00h: Prearranged early face-to-face meet (more details to come)

10.00h: Plenary Lecture-3: Current and future applications of ctDNA in clinical trials.

Dr. Noelia Tarazona (CIBERONC)

10.45h: Plenary Lecture-4: A urine-based tool for bladder cancer diagnosis and therapy response.

Dr. Cristian Suárez (CIEMAT)

11.30h: Session 2

Moderated by Rodrigo Toledo


- 1. An overview of liquid biopsy in the cancer immunotherapy**
Dr. Rodrigo Toledo (CIBERONC)
- 2. Uterine aspirates for early detection of endometrial cancer.**
Dr. Eva Colás (CIBERONC)
- 3. Tumor-derived extracellular vesicles.**
Karmele Valencia (CIBERONC)
- 4. LungBEAM for monitorization of lung cancer patients**
Dr. Pillar Garido (CIBERONC)
- 5. General discussion**

14-30h: Networking Lunch and proposals for new collaborations:

Small groups discussions by tumor type (respiratory, gastro, hematological, etc.) or clinical/research question (MRD, liquid biopsy application (CTC, circulating nucleic acids, exosomes etc.)

Remember ! This workshop has been organized for young researchers, so please take full advantage of us and your time at the course. We encourage everyone to stay for lunch as it will be a final chance for young researchers to interact with the LBWM members and ask any questions about the course, techniques or other topics discussed in the workshop.

On-line material available after the workshop:

- Information about the LB technologies that other CIBERs such as Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN) have offered to the CIBERONC network.
- List of training grants available to young researchers
- List of Liquid biopsy associations, conferences, specialized groups for future collaborations or employment.
- Slack:  Your New CIBERONC liquid biopsy channel !

How to get to CIEMAT

En coche

- CIEMAT tiene su propio aparcamiento gratuito.
- Desde Moncloa: Arco de Triunfo, Avda. Arco de la Victoria (A6), Plza. de Cardenal Cisneros y Avda. Complutense.
- Por la M-30: salida Sinesio Delgado, dirección Ciudad Universitaria-CIEMAT.
- Desde el aeropuerto de Barajas: 12 km del centro de la ciudad, ver [mapa](#).



El transporte público en Madrid

Se pueden adquirir diferentes tipos de billete de metro y autobús, puede encontrar una amplia información de cómo llegar a cualquier punto de [Madrid en transporte público](#) y [información sobre los precios de billetes](#).

En Autobús

- [Línea 82. Parada en Paraninfo-CIEMAT](#). Esta es la mejor manera de llegar al CIEMAT desde Moncloa. El punto de partida de la línea de autobús está en Meléndez Valdés, 72.
- Las líneas **F** (salida de Cuatro Caminos), **G** y **U** (salida de Moncloa), todas con parada en Paraninfo-Telecomunicaciones.

En Metro

- [Desde el aeropuerto de Barajas, la línea 8, "Barajas-Aeropuerto"](#). Por favor, tenga en cuenta que hay dos paradas: una para los terminales T1-T2 y T3 y otra para el T4. Asegúrese de que sus terminales T1, T2, T3 y T4 también estén conectadas a través del servicio de traslado. Para llegar desde el aeropuerto al CIEMAT, utilice la línea 8, hasta "Nuevos Ministerios" y a continuación, cambie a la línea 6, dirección "Ciudad Universitaria".
- **Desde la Estación del Metro de Ciudad Universitaria. Línea 6**, una vez llegado a la estación de metro Ciudad Universitaria, siga el [itinerario fijado para alcanzar el CIEMAT](#).