Histological Registry of the European Network for the Study of Cholangiocarcinoma (ENS-CCA)

Description of the initiative

The ENS-CCA histological registry is an initiative by ENS-CCA and it is further supported by the EURO CHOLANGIO-NET (COST Action:CA18122). This project is collecting histological samples from European centers, which were digitalized and included in an on-line platform. The ENS-CCA histological registry will represent the basis for promoting multidisciplinary translational actions. The ENS-CCA histological registry would be an essential tool to harmonize nomenclature, definitions, classification and outcomes.

General aims of the initiative

The ENS-CCA histological registry aimed: i) to create a histological registry paralleling the ENS-CCA clinical registry, ii) to "*dissect*" CCA *morphological heterogeneity* and correlate morphological CCA subtypes with clinical features, iii) to precede the creation of molecular and radiological registries based on patients already included in the clinical and histological ones.

Organization

Histological samples are obtained from patients included in the ENS-CCA Clinical Registry and are collected in a single highly experienced centre (*Sapienza University of Rome*). Samples will be digitalized and analysed by international expert participants among the network centres. Up to date, this initiative has already included 100 patients into the registry. For each patients several histo-morphological and immunohistochemical analysis have been performed, including H&E, Sirius Red, Pas, Keratin 7, EpCAM, Hep-Par1, PCNA, Ki67, CD31, CD68, Sox9, alpha-SMA.

The ENS-CCA histological registry will represent the platform on which parallel molecular and radiological registries will be built up. Data obtained will be correlated to clinical, molecular and radiologic data provided within the Network and will represent the basis for interacting with the rest of the network and for promoting multidisciplinary translational actions.

The ENS-CCA histological registry would be an essential tool to harmonize nomenclature, definitions, classification and outcomes.

How to participate

All COST members are encouraged to participate by providing samples.

The required materials are the following:

- N= 15 FFPE blank sections of resected (not biopsies) tumours for each patient. Surrounding non-tumoral tissues (N= 7) are also needed but *optional*.
- Patients should be already included in the clinical registry or clinical data should be available to include patient in the clinical registry!
- Frozen samples should be available, together with serum, urine, bile.

A material transfer agreement (MTA) will be signed between the participant and Sapienza University of Rome. Full on-line access to included samples will be provided to collaborators.

Contact Person

Guido Carpino, MD, PhD

e-mail: guido.carpino@uniroma1.it