



The high failure rate in oncology drug development is posing significant challenges and novel approaches, including improved preclinical studies, are required. Patient derived tumour xenografts (PDX) are being increasingly recognised as clinically relevant preclinical models, as they **maintain histopathological features and genetic profiles of the original patient tumours**. Many PDXs have been established across Europe.

It is now crucial to **join forces and build large collections of models to cover cancer heterogeneity**, and to raise standards in the preclinical setting.

The EurOPDX Consortium is an initiative of **translational and clinical researchers from 16 academic cancer centres and universities across 10 European countries**, with the common goal of creating a network of clinically relevant models of human cancer, and in particular PDX models.

## THE PDX COLLECTION



PANCREATIC CANCER  
235 models



COLORECTAL CANCER  
754 models



BREAST CANCER  
161 models



LUNG CANCER  
71 models

Over 1,500  
subcutaneous  
and orthotopic models  
for more than  
30 different pathologies



HEAD AND  
NECK CANCER  
63 models



SKIN MELANOMA  
136 models



GYNECOLOGICAL CANCERS  
141 ovarian and 77 endometrial models

DETAILED INFORMATION, INCLUDING MOLECULAR CHARACTERISATION,  
AVAILABLE UPON REQUEST

## MEMBERS



## THE MAIN OBJECTIVES OF THE EUROPODX CONSORTIUM ARE TO :

- i) Create a **virtual collection of genomically and histologically characterised PDXs**;
- ii) **Harmonise working practices**; and
- iii) Leverage the collection to investigate novel therapeutic strategies and uncover predictive biomarkers for personalised cancer treatment, through the **performance of more effective and reproducible multicentre PDX studies with high predictability for success in the clinic**.

Typical ongoing projects include the set-up of a common database, standardisation efforts, several multicentre studies and xenopatient trials...

Visit [www.europdx.eu](http://www.europdx.eu) for more information.

Any question about our initiative, enquiry about the PDX collection...?  
Email us at: [contact@europdx.eu](mailto:contact@europdx.eu) or LinkedIn