Research group: Jean-Pierre GILLET

Molecular Physiology
Research Unit (URPhyM)

Molecular Cancer Biology

Basic Research

Molecular and functional characterization of the multidrug transporter ABCB5: a dual role in melanomagenesis

Translational Research

To understand why esophageal adenocarcinoma do not respond to chemotherapy or relapse after treatment

To find ways to reverse this so-called drug resistance and therefore improve the response of patients to treatment

narilis
NAmur Research Institute for LIfe Sciences

UNIVERSITÉ DE NAMUR

Research group: Jean-Pierre GILLET

Biomedical researchers with expertise in molecular and cellular biology

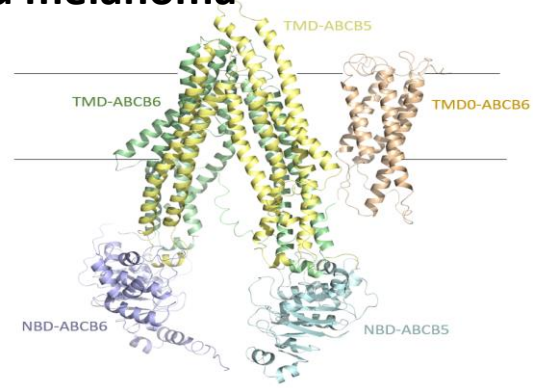
ABC transporters: Roles of ABCB5 in melanocytes and melanoma

Trends in Cancer

Forum

Deciphering the roles of ABCB5 in normal and cancer cells

Laurent Duvivier[1] and Jean-Pierre Gillet[1,*]



CSH Cold Spring Harbor Laboratory

bioRχiv

THE PREPRINT SERVER FOR BIOLOGY

New Results

Follow this preprint

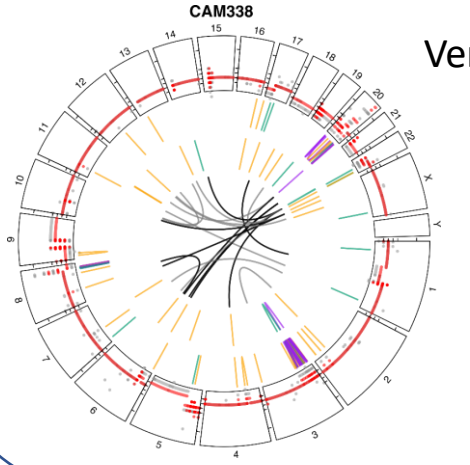
Identification of two novel heterodimeric ABC transporters in melanoma: ABCB5β/B6 and ABCB5β/B9

Louise Gerard, Laurent Duvivier, Marie Fourrez, Lindsay Sprimont, Michael Gottesman, Jean-Pierre Gillet

doi: https://doi.org/10.1101/2022.10.21.513191

Venomics as a tool to advance esophageal adenocarcinoma treatment

- A cohort of ~ 300 EAC samples are currently being analyzed at the transcriptomic level
- ClonMapper to study clonal dynamics during tumor treatment
- Organoids as ex vivo models



Venomics to identify lead peptides

Research group: Jean-Pierre GILLET

Group leader
Jean-Pierre Gillet

Chief technician
Marie Fourrez

PhD students
Adriana Diaz
Anaïs Draguet (UNamur/UMons)
Laurent Duvivier
Louise Gérard
Chloé Matthys