

## List of Publications Mélanie Wilbaux

- **Mélanie WILBAUX**, Michel TOD, Johann DE BONO, David LORENTE, Joaquin MATEO, Gilles FREYER, Benoit YOU, Emilie HENIN.  
A joint model for the longitudinal kinetics of CTC count and PSA concentration during treatment in metastatic castration-resistant prostate cancer.  
*Submitted in CPT: Pharmacometrics & Systems Pharmacology.*
- **Mélanie WILBAUX**, Emilie HENIN, Amit OZA, Olivier COLOMBAN, Eric PUJADE-LAURAIN, Gilles FREYER, Michel TOD, Benoit YOU.  
Dynamic modeling in ovarian cancer: An original approach linking early changes in modeled longitudinal CA-125 kinetics and survival to help decisions in early drug development.  
*Gynecologic Oncology 133 (3): 460-466. 2014.*
- **Mélanie WILBAUX**, Emilie HENIN, Amit OZA, Olivier COLOMBAN, Eric PUJADE-LAURAIN, Gilles FREYER, Michel TOD, Benoit YOU.  
Prediction of tumour response induced by chemotherapy using modelling of CA-125 kinetics in recurrent ovarian cancer patients.  
*British Journal of Cancer 110 (6): 1517-1524. 2014.*
- Roula ALMUFTI, **Mélanie WILBAUX**, Amit OZA, Emilie HENIN, Gilles FREYER, Michel TOD, Olivier COLOMBAN, Benoit YOU.  
A critical review of the analytical approaches for circulating tumor biomarker kinetics during treatment.  
*Annals of Oncology 25 (1): 41-56. 2014.*
- Benoit YOU, Richard HARVEY, Emilie HENIN, Hugh MITCHELL, François GOLPIER, Philip SAVAGE, Michel TOD, **Mélanie WILBAUX**, Gilles FREYER, Michael J SECKL.  
Early prediction of treatment resistance in low-risk gestational trophoblastic neoplasia using population kinetic modelling of hCG measurements.  
*British Journal of Cancer 108 (9): 1810-6. 2013.*

## Oral presentations

- **Mélanie WILBAUX**, Michel TOD, Johann DE BONO, David LORENTE, Joaquin MATEO, Gilles FREYER, Benoit YOU, Emilie HENIN.  
A dynamic K-PD joint model for the kinetics of CTC (Circulating Tumor Cell) count and PSA concentration during treatment in metastatic castration-resistant prostate cancer.  
*23<sup>rd</sup> PAGE Meeting – Lewis Sheiner Student Session*. June 2014, Alicante, Spain.  
Abstract published in *Abstracts of the Annual Meeting of the Population Approach Group in Europe*: PAGE 23, Abstract 3029. 2014.
- **Mélanie WILBAUX**, Benoit YOU, Emilie HENIN, Olivier COLOMBAN, Gilles FREYER, Michel TOD.  
Population K-PD joint modeling of tumor size and CA-125 kinetics after chemotherapy in relapsed ovarian cancer (ROC) patients.  
*21<sup>st</sup> PAGE Meeting – Oral Clinical Applications*. June 2012, Venice, Italy.  
Abstract published in *Abstracts of the Annual Meeting of the Population Approach Group in Europe*: PAGE 21, Abstract 2587. 2012.

## Poster presentations

- **Mélanie WILBAUX**, Benoit YOU, Emilie HENIN, Anne-Claire HARDY-BESSARD, Alain LORTHOLARY, Eric PUJADE-LAURAINÉ, Gilles FREYER, Michel TOD, Alexander REUSS, Andreas DU BOIS, Jalid SEHOULI, Uwe WAGNER, Jacobus PFISTERER.  
Validation of modeled early longitudinal CA-125 kinetics for predicting survival in ovarian cancer (OC) phase III trials: could the failure of adding gemcitabine to carboplatin-paclitaxel (AGO-OVAR 9) have been foreseen earlier in the trial?  
*39<sup>th</sup> ESMO Congress – Poster Biomarkers*, Abstract 7287. September 2014, Madrid, Spain.
- **Mélanie WILBAUX**, Emilie HENIN, Olivier COLOMBAN, Amit OZA, Eric PUJADE-LAURAINÉ, Gilles FREYER, Benoit YOU, Michel TOD.  
A drug-independent model predicting Progression-Free Survival to support early drug development in recurrent ovarian cancer.  
*22<sup>nd</sup> PAGE Meeting – Poster Oncology*. June 2013, Glasgow, Scotland.

Abstract published in *Abstracts of the Annual Meeting of the Population Approach Group in Europe*: PAGE 22, Abstract 2716. 2013.

- **Mélanie WILBAUX**, Emilie HENIN, Olivier COLOMBAN, Amit OZA, Eric PUJADE-LAURAIN, Gilles FREYER, Michel TOD, Benoit YOU.  
Benefit in progression-free survival (PFS) to expect based on CA-125 reduction at week 6 in recurrent ovarian cancer (ROC) patients: CALYPSO phase III trial data (a GINECO-GCIG study).  
*2013 ASCO Annual Meeting*. June 2013, Chicago.  
Abstract published in *Journal of Clinical Oncology 31 (suppl)*, Abstract 5547. 2013.
  
- **Mélanie WILBAUX**, Benoit YOU, Emilie HENIN, Olivier COLOMBAN, Michel TOD, Gilles FREYER.  
Population K-PD joint modeling of tumor size and CA-125 kinetics after chemotherapy in recurrent ovarian cancer patients.  
*7<sup>ème</sup> Edition des Journées Scientifiques du CLARA (Cancéropôle Lyon Rhône-Alpes Auvergne)*. March 2012, Lyon, France.  
Abstract published in *Bulletin du cancer (Supplément)*, 2012.
  
- **Mélanie WILBAUX**, Benoit YOU, Olivier COLOMBAN, Amit OZA, Gilles FREYER, Emilie HENIN, Michel TOD.  
Population K-PD modeling of CA-125 and tumor size kinetics in relapsed ovarian cancer patients.  
*20<sup>th</sup> PAGE Meeting – Poster Oncology*. June 2011, Athens, Greece.  
Abstract published in *Abstracts of the Annual Meeting of the Population Approach Group in Europe*: PAGE 20, Abstract 2200. 2011.