

Title (en)

PREDICTING GASTRIC CANCER TREATMENT OUTCOME

Title (de)

VORHERSAGE DES ERGEBNISSES EINER MAGENKREBSBEHANDLUNG

Title (fr)

PRÉDICTION DES RÉSULTATS D'UN TRAITEMENT DU CANCER DE L'ESTOMAC

Publication

EP 3630187 A1 20200408 (EN)

Application

EP 18809143 A 20180604

Priority

- US 201762514364 P 20170602
- US 2018035788 W 20180604

Abstract (en)

[origin: WO2018223112A1] Methods are provided for identifying whether a cancer patient, and especially a gastric cancer patient, will be responsive to treatment with a sequential therapeutic strategy comprising a first administration of the FOLFIRI regimen (irinotecan/5-fluoruracil/folinic acid) followed by a separate sequential administration of the combination of the chemotherapy agents docetaxel and cisplatin (FOLFIRI + docetaxel/cisplatin). Specified TUBB3 and TYMP fragment peptides are precisely detected and quantitated by SRM-mass spectrometry directly in tumor cells, and especially gastric cancer tumor cells, that are collected from tumor tissue obtained from a cancer patient and compared to reference levels in order to determine if the cancer patients will positively respond to treatment with the sequential combination treatment of FOLFIRI + docetaxel/cisplatin.

IPC 8 full level

A61K 45/00 (2006.01); **A61K 33/243** (2019.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01)

CPC (source: EP KR US)

A61K 31/337 (2013.01 - EP KR); **A61K 31/4745** (2013.01 - EP KR); **A61K 31/513** (2013.01 - EP KR); **A61K 31/519** (2013.01 - EP KR); **A61K 33/243** (2018.12 - EP KR US); **A61P 35/00** (2017.12 - EP KR); **C07K 14/47** (2013.01 - EP); **C12N 9/1077** (2013.01 - EP); **C12Y 204/02004** (2013.01 - EP); **G01N 33/57446** (2013.01 - EP KR); **G01N 33/6848** (2013.01 - KR); **G01N 33/6893** (2013.01 - KR); **A61K 2300/00** (2013.01 - KR); **G01N 2800/52** (2013.01 - KR)

Citation (search report)

See references of WO 2018223112A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018223112 A1 20181206; AU 2018275156 A1 20191219; CA 3065333 A1 20181206; CN 110678203 A 20200110; EP 3630187 A1 20200408; JP 2020522500 A 20200730; KR 20200012895 A 20200205

DOCDB simple family (application)

US 2018035788 W 20180604; AU 2018275156 A 20180604; CA 3065333 A 20180604; CN 201880035577 A 20180604; EP 18809143 A 20180604; JP 2019566297 A 20180604; KR 20197036676 A 20180604