## RAMP 205: A phase 1b/2a study of gemcitabine, nab-paclitaxel, avutometinib, and defactinib in untreated VVERASTEM

## metastatic pancreatic ductal adenocarcinoma

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## BACKGROUND

Pancreatic Ductal Adenocarcinoma (PDAC) PDAC accounts for $\sim 90 \%$ of pancreatic cancer. ${ }^{1 / 3}$ Majority of PDAC (52\%) is initially diagnosed with advanced/inoperable disease. ${ }^{1-3}$
mOS for untreated Stage IV PDAC is 4.5 mo , with 5 -year survival for metastatic disease $<3 \%$. ${ }^{1-3}$ Activating KRAS mutations (mt) occur in almost all of PDAC. ${ }^{4}$

RAMP 205 Study Rationale
Avutometinib: First-in-class oral RAF/MEK clamp that potently inhibits MEK kinase activity while also blocking potently inhibits MEK kinase activity while also blocking the compensatory reactivation of MEK by upstream RA (Figure 1A). ${ }^{5-8}$
Defactinib: Selective inhibitor of focal adhesion kinase (FAK), a target which has been shown to mediate resistance to multiple anticancer agents (Figure 1A).9-912
Preclinically, FAKi reduces stromal density in PDAC 13 Whereas avutometinib + FAKi induced tumor inhibition and increased survival addition of chemotherapy and increased survival, addition of chemotherapy induced tumor regression and further improved survival in a KRAS/TP53 mt PDAC mouse model (Figure 1B). ${ }^{14-15}$ Clinically, defactinib + gemcitabine + pembrolizumab
was safe, showed responses, decreased stromal density, was safe, showed responses, decreased stral
and increased CD8+ T cell infiltration in PDAC (NCT02546531).16



RAMP 205 is a multicenter, open-label, single arm Phase 1b/2a study of gemcitabine and nab-paclitaxel in combination with avutometinib and defactinib in patients with previously untreated metastatic PDAC (NCT05669482) (Figure 2).
RAMP 205 will evaluate addition of avutometinib + defactinib to standard gemcitabine/nab-paclitaxel with the objective of increasing ORR and survival ( $\mathrm{N}=\sim 35$ ): Part A: Dose evaluation ( $n=6-12$ )
Part B: Dose expansion at RP2D $(n=23)$. Mandatory tumor biopsies and blood samples will be collected for correlative studies, including circulating tumor DNA, molecular profiling and PD markers.

## RAMP 205 STUDY SUMMARY

## Key Inclusion Criteria

Male or female patients $\geq 18$ years of age
. Histologic/cytologic confirmed metastatic PDAC
. Measurable disease per RECIST v1.1
Eligible for treatment in 1 L setting with standard gemcitabine and nab-paclitaxel (i.e. no prior systemic therapy for advanced/metastatic disease). Prior adjuvant/neoadjuvant therapy permitted if last intervention/dose $\geq 12$ mo prior to metastatic disease diagnosis.
Willingness to provide tissue and blood samples (mandatory for part B only). Optional research biopsy in Part A may have been collected at the time of diagnostic biopsy
Adequate material for central laboratory confirmation of $K$ RAS mt status (does not need to be completed prior to enrollment).
Key Exclusion Criteria
Pancreatic neuroendocrine tumors, islet cell tumors, mucinous cystic, squamous or adenosquamous histologies.
Prior or concomitant treatment for metastatic PDAC Palliative irradiation of lesions permitted as long as it is not considered a target lesion.
Prior treatment with RAS/MAPK or FAK inhibitors
. Presence of symptomatic ascites
Major surgery within 4 weeks or minor surgery within eks of first dose of study intervention.
Leptomeningeal or symptas unless patie treatment
Active skin disorder that has required systemic therapy within the past 1 year.
History of rhabdomyolysis.
Concurrent ocular disorders.

RAMP 205 Status
As of September 2023, enrollment of RAMP 205 Part A in metastatic PDAC is ongoing (dose evaluation) A in metastatic PDAC is ongoing (dose evaluation). (12 total) in the United States (Figure 3)
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Please contact Verastem Oncology
Please contact Verastem Oncology
(clinicaltrials@verastem.com) for more details and refer to clinicaltrials.gov for up-to-date study
information.
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ReFERENCES
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