

PS31127-R-002-T  
RUN DATE: 08/09/11  
RUN TIME: 14:33

PURCHASING/ACCOUNTS PAYABLE SYSTEM  
REQUISITION AND ADDON LISTING

PAGE: 1

T723922

PURCHASE REQUISITION

DATE ENTERED: 08/09/11

\*\*\* FOR 11-13 BIENN \*\*\*

BUDGET# 66-1849  
TITLE: LEVELS OF RALTEGRAVIR  
DEPT: OBGYN/GYNECOLOGY  
DEL NO LATER THAN 00/00/00  
TECH CONTACT WINSTON CHIU  
PHONE (206)543-3726  
DELIVER TO:  
UNIVERSITY OF WASHINGTON, DEPT OF OB/GYNNO EARLIER THAN 00/00/00  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-6460  
BOX: 356460  
ATTN: CAROLINE MITCHELL, MD  
ASSIGNED TO G & S GROUP

\* INVOICE \*  
\* BOX NUMBER \*  
\* 356460 \*  
\*\*\*\*\*  
READY \*\*\*\*\*  
TO \*  
FILE \*

PURCHASE ORDER

SIGNED BY: \* ERI GA NSF : 39.29 : 28B.20 : 43:105 : OTHER \* \* GRAND \*  
\* TOTAL \$ 137,600.00 \* FOR 1 TERM

GENERAL COMMENTS:

MODELING INTRACELLULAR AND EXTRACELLULAR RALTEGRAVIR (RAL) PHARMACOKINETICS IN THE FEMALE GENITAL TRACT AND BLOOD AFTER A TWICE DAILY 400MG DOSE OVER THE COURSE OF A MENSTRUAL CYCLE.

DR. MITCHELL WILL PROCESS SAMPLES & FREEZE THEM AT -80C AT THE UNIVERSITY OF WASHINGTON UNTIL READY FOR SHIPMENT. SAMPLES WILL BE SHIPPED WHEN THERE ARE AT LEAST 30 SAMPLES, AND POSSIBLY ONLY QUARTERLY.

DR. FLETCHER'S LAB WILL TEST SAMPLES FOR LEVELS OF RALTEGRAVIR: PLASMA CONCENTRATIONS FOR PLASMA SAMPLES, AND INTRACELLULAR LEVELS OF PBMC AND CERVICAL BIOPSY TISSUE SAMPLES. RESULTS WILL BE SENT TO DR. MITCHELL VIA E-MAIL.

REQUISITION-HISTORY

STATUS	PERFORMED	BY	ACTION
090: PERFORM ENCUMBRANCE	08/09/11 13:19	WINSTON CHIU	ENCUMBERED
100: PERFORM REQUISITION APPROVAL	08/09/11 13:30	VALERIE HOCKENS	APPROVED

PURCHASE REQUISITION

DATE ENTERED: 08/09/11

\*\*\* FOR 11-13 BIENN \*\*\*

110: AWAITING ATTACHMENTS AT PURCHA	08/09/11	14:20	NORMA CHUA	COLLECTED
400: BUYER TO BE ASSIGNED	08/09/11	14:21	NORMA CHUA	ASSIGNED TO GNS
500: RELEASED TO BUYER	08/09/11	14:21	NORMA CHUA	RELEASED TO GNS

SOLE SOURCE JUSTIFICATION

PREPARED BY

CAROLINE MITCHELL

744-4272

THIS PROJECT ON MODELING INTRACELLULAR AND EXTRA-CELLULAR RALTEGRAVIR (RAL) PHAMACOKINETICS IN THE FEMALE GENITAL TRACT AND BLOOD AFTER A TWICE DAILY 400MG DOSE OVER THE COURSE OF A MENSTRUAL CYCLE IS WRITTEN IN THE GRANT AS ORIGINAL PROPOSED.

Clinical research study —  
Please note VNE is only lab in country  
testing for both intracellular +  
extracellular raltegravir  
pharmacokinetics

Answer  
8/10/11

PURCHASE REQUISITION DATE ENTERED: 08/09/11 \*\*\* FOR 11-13 BIENN \*\*\*

VENDOR VENDOR-NUMBER 126163-00  
UNIV OF NEBRASKA (OMAHA)

UNIVERSITY OF NEBRASKA MEDICAL CENTER  
ANTIVIRAL PHARMACOLOGY LABORATORY

986045 NEBRASKA MEDICAL CENTER

OMAHA

ATTN: COURTNEY FLETCHER

WRITTEN ORDER

PHONE ORDER

CONFIRMING P.O.

DATE

PLACED BY

DELIVERY

F.O.B.

SHIP VIA

TERMS

VENDOR CONTACT

ITEM G/C COM- CODE DESCRIPTION:

QUANTITY UNIT

UNIT PRICE

ITEM PRICE OB-SB-SS

001 0000-00 PHARMACOKINETIC TESTING, PLASMA 20 SAMPLES, PBMC

10.00 EA

12,566.210

137,600.00 03 99 00

20 SAMPLES, TISSUE 12 SAMPLES

ADDON DATA FOR BUDGETS:

66-1849 LEVELS OF RALTEGRAVIR START: 06/27/11 END: 06/26/13 SHARE-% 100 SHARE-\$ 0.00  
MITCHELL, CAROLINE M. PHONE: TASK OPTION PROJECT:  
FUNDING SOURCE FOUNDATIONS  
CLASSIFICATION  
CONTRACT 36787

723922

**Purchase Order Agreement**

**Project:** Modeling intracellular and extracellular raltegravir (RAL) pharmacokinetics in the female genital tract and blood after a twice daily 400mg dose over the course of a menstrual cycle.

PI: Caroline Mitchell, MD, MPH

With:

Courtney Fletcher, PhD  
c/o Brian Robbins, PhD.  
Antiviral Pharmacology Laboratory  
College of Pharmacy  
University of Nebraska Medical Center  
986045 Nebraska Medical Center  
Omaha, NE 68198-6045, USA

Dr. Mitchell will process samples and freeze them at -80C at the University of Washington until ready for shipment. Samples will be shipped when there are at least 30 samples, and possibly only quarterly.

Dr. Fletcher's lab will test samples for levels of raltegravir: plasma concentrations for plasma samples, and intracellular levels for PBMC and Cervical biopsy tissue samples. Results will be sent to Dr. Mitchell by e-mail.

Projected costs for Pharmacokinetic testing:

Sample	Cost per sample	# samples/patient	Total per patient
Plasma	\$88.00	20	\$1,760.00
PBMC	\$375.00	20	\$7,500.00
Tissue	\$375.00	12	\$4,500.00
		Total/patient	\$13,760.00
		Total # patients	10
		Total costs (max)	\$137,760.00

With planned enrollment of 10 participants, the maximum charges for this Purchase Order should not exceed \$137,600.

Bills should be sent to:

???

University of Washington

Signed:

Caroline Mitchell

Courtney Fletcher

## **Candace Plog**

---

**From:** Candace Plog  
**Sent:** Wednesday, August 10, 2011 12:15 PM  
**To:** Caroline Mitchell; Winston Chiu  
**Cc:** Candace Plog  
**Subject:** Univ of Neb PO 723922

Hi – Can I get a little more sole source info please? Could I have a copy of the page(s) from the grant that indicates how UofN's lab was selected? Collaboration? Etc. --- Also, is there a timeframe [i.e. contract begin-end dates or estimated dates]?

Thanks, Candee

Candace Plog  
Senior Buyer  
UW Purchasing Services  
Phone: 206-543-3017  
Fax: 206-543-3854  
Work Schedule M-F 8:00-5:30 (Alt Weds Flex or 9:00 -5:30)

## **Candace Plog**

---

**From:** Winston Chiu  
**Sent:** Wednesday, August 10, 2011 1:08 PM  
**To:** Candace Plog; Caroline Mitchell; Valerie Hockens  
**Subject:** RE: Univ of Neb PO 723922  
**Attachments:** Chiu.PDF

**Importance:** High

Hi Candace,

Enclosed please find a page from the grant. I'm copying Val Hockens if you need additional information in regards to this service contract with University of Nebraska Medical Center.

Thanks, Winston

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**Modeling intracellular and extracellular raltegravir (RAL) pharmacokinetics in the female genital tract and blood after a twice daily 400mg dose over the course of a menstrual cycle.**

PI: Caroline Mitchell, MD, MPH

**Summary:**

10 women will be enrolled in Seattle, WA to assess the pharmacokinetic value of Raltegravir as an agent for pre-exposure prophylaxis against HIV acquisition. Women enrolled in the study will have blood and genital tract samples collected to assess intracellular concentrations of Raltegravir in the blood and genital tract tissue while taking a dose of 400mg PO twice daily. The participants will be followed for a full month to assess variability in genital tract concentrations over the course of a menstrual cycle.

**Location of work:**

Enrollment of patients, collection of samples, processing and storage of samples, and data analysis will be done at the University of Washington, in the Clinical Research Center and the Department of Ob/Gyn.

Drug levels in tissue and blood will be performed in the laboratory of Courtney Fletcher at the University of Nebraska, and billed on a per-sample basis using a purchase order.

## **Candace Plog**

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**To:** Winston Chiu; Caroline Mitchell; Valerie Hockens  
**Cc:** Candace Plog  
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## Candace Plog

---

**From:** Valerie Hockens  
**Sent:** Wednesday, August 10, 2011 1:44 PM  
**To:** Candace Plog; Winston Chiu; Caroline Mitchell  
**Subject:** RE: Univ of Neb PO 723922

Candee,

The University of Nebraska has the only lab in the country that currently is testing for levels of both intracellular and extracellular raltegravir pharmacokinetics.

Let me know if there is any other information that you need.

Thanks,

Val

Valerie Hockens  
Budget/Fiscal Analyst  
Obstetrics & Gynecology  
University of Washington  
Box 356460  
Seattle, WA 98195-6460  
206.543.3054  
[vhockens@uw.edu](mailto:vhockens@uw.edu)

**From:** Candace Plog  
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**From:** Candace Plog  
**Sent:** Wednesday, August 10, 2011 1:56 PM  
**To:** Valerie Hockens; Winston Chiu; Caroline Mitchell  
**Cc:** Candace Plog  
**Subject:** RE: Univ of Neb PO 723922

Hi, again – I forgot to ask, did you want a contract period entered? Begin/end dates?  
Thx - Candee

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Candace Plog  
Senior Buyer

## **Candace Plog**

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**From:** Winston Chiu  
**Sent:** Wednesday, August 10, 2011 2:00 PM  
**To:** Candace Plog; Valerie Hockens; Caroline Mitchell  
**Subject:** RE: Univ of Neb PO 723922

Run it from 08/09/11 through 06/23/13.

Thanks, Winston

**From:** Candace Plog  
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**From:** Candace Plog  
**Sent:** Wednesday, August 10, 2011 1:22 PM

## **Candace Plog**

---

**From:** Candace Plog  
**Sent:** Wednesday, August 10, 2011 2:48 PM  
**To:** Winston Chiu; Valerie Hockens; Caroline Mitchell  
**Cc:** Candace Plog  
**Subject:** RE: Univ of Neb PO 723922

Another question --- quote is for \$13,760.00/patient for anticipated total of \$137,760. You've entered per patient price at \$12,566 for a taxed total of \$137,600.00. Are you trying to enter this as tax-exempt? I can code it exempt if you can validate why it should be exempt. Otherwise, I need to enter correct price total (which, if taxable, will add \$13,000+ to encumbrance). Right? Please advise.

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**Subject:** RE: Univ of Neb PO 723922

## **Candace Plog**

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**From:** Candace Plog  
**Sent:** Wednesday, August 10, 2011 3:23 PM  
**To:** Winston Chiu; Valerie Hockens; Caroline Mitchell  
**Cc:** Candace Plog  
**Subject:** RE: Univ of Neb PO 723922

No -- I'd suggest speaking with Financial Mgmt about this. I don't think this will end up being exempt but I certainly could be wrong. Please contact either Julia Shanahan (Tax Office) or Julie Condit (A/P) regarding tax and try the GCA Help Desk (6-9995) to ask about object codes.

Thx- Candee

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**From:** Winston Chiu  
**Sent:** Wednesday, August 10, 2011 2:52 PM  
**To:** Candace Plog; Valerie Hockens; Caroline Mitchell  
**Subject:** RE: Univ of Neb PO 723922

If possible we would like to apply for tax exemption for this service contract. Is there is a new object code for tax exempt for 03-99?

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**From:** Winston Chiu  
**Sent:** Wednesday, August 10, 2011 2:00 PM

## **Candace Plog**

**From:** Winston Chiu  
**Sent:** Wednesday, August 10, 2011 3:45 PM  
**To:** Candace Plog; Valerie Hockens; Caroline Mitchell  
**Subject:** RE: Univ of Neb PO 723922

Please re-code this requisition to 03-28-00 for lab fee.

*Which are  
not exempt  
p/ndc*

**From:** Candace Plog  
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No – I'd suggest speaking with Financial Mgmt about this. I don't think this will end up being exempt but I certainly could be wrong. Please contact either Julia Shanahan (Tax Office) or Julie Condit (A/P) regarding tax and try the GCA Help Desk (6-9995) to ask about object codes.

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Thx - Candee

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Senior Buyer  
UW Purchasing Services  
Phone: 206-543-3017

UW Purchasing Department: Purchase Documentation Checklist

Contract/Solicitation Number/Req#

723922  
☐ Modify / Amend

I. Purchasing Authority

- ☒ 43.19 (GA/ERI) ☐ 39.29 OFM Authority ☐ 43.195 DIS Authority  
☐ 43.78 Public Printer ☐ Non-State Funds-Discretionary ☐ Federally Funded

II. Pre-Approvals

- ☐ Regents Item or other delegation  
☐ EHS Approval/notification required  
☐ Animal Care Committee approval  
☐ I-TAC approval ☐ DIS/ISB approval  
☐ Police Dept Firearm approval  
☐ Within Delegated Authority < \$1M/12 Month  
☐ Other:

IV. Basis for Vendor Selection

- ☐ Sole Source  
☐ Medical Surgical Decision/Prescription  
☐ Sole Source Justification via:  
☒ Note on Requisition  
☐ Statement attached, dated \_\_\_\_\_  
☐ Replacement/repairs parts  
☐ Compatible with current Equipment  
☐ Continuity of Research/Service- see previous PO#  
☐ Original Equipment Manufacturer (OEM)  
☐ Extension: Existing Contract # \_\_\_\_\_  
☐ Only Single offer received after Competitive Solicitation  
☐ Emergency Purchase  
☐ Government Agency  
☒ Other: behavioral research study

VI. Other Purchase Considerations

- ☐ UWMC HIPAA BA Agreement required/attached  
☐ Foreign order: Foreign Terrorist website checked  
☐ UWMC/SOD orders: OIG/GSA databases checked  
☐ UWMC/SOD orders - Health Care Special T&C  
☒ Exclusion logging completed

Sent: \_\_\_\_\_

III. Competitive Solicitation:

- ☐ ITB ☐ RFQ ☐ RFP ☐ RFQQ  
☐ Vendor list attached  
☐ Solicitation and terms attached  
☐ Vendor Responses attached  
☐ Recap of Vendor Responses  
☐ Awarded to responsive/responsible Bidder(s)- see Recap  
☐ Contract attached  
☐ Master Contract/Price Agreement  
☐ Referenced on PO  
 Title: \_\_\_\_\_  
 No. \_\_\_\_\_ Exp. Date \_\_\_\_\_  
☐ Biz Trak (MWBE) notification (attached)  
☒ Extension of existing competitive contract  
 Exp. Date: \_\_\_\_\_

V. Price Considered Fair/ Reasonable based on:

- ☒ Non-Profit/Government agency Public University medical center  
☐ Adequate Competition  
☐ Pricing Documentation filed with Master Contract or Pricing Agreement  
☐ Buyer knowledge of market AND:  
☐ T&C #03 (order to \$10K)  
☐ Published Price List for Commercial Items (unit price <\$25K and total order <\$250K)  
 Dated: \_\_\_\_\_  
 Titled: \_\_\_\_\_  
☐ Included in quote (Include Var. 1304 in PO)  
☐ Price List on file in Buyer's office  
☐ Price Warranty Checklist Attached (unit price <\$25K and total order <\$250K)  
☒ Price Analysts (sole source commercial item > \$25K unit price or > \$250K total contract amount)  
☐ Cost Analysis (custom/non-commercial item)

VII. Review Checklist/Signatures

Prior Amount: \$ \_\_\_\_\_

M&A Amount: \$ \_\_\_\_\_

Total Order Amount: \$ 137,000

Reviews/Signature Authority

☒ Within Buyer/SCM Authority Initials

☒ Within Manager Authority Initials

☐ Within Associate Director Initials

☐ Within Director Authority Initials

☐ Greater than \$1M (Senior Director) Initials

Buyer 1: \$10k Buyer 2: Formal Bid Limit Buyer 3: \$50k or \$150K SCM: \$150 or \$250K Manager: \$750K

Associate Director: \$1M Director: > \$1M

Date: 8-10-11

Date: 8/15/11

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

IF THIS ACQUISITION IS FEDERALLY FUNDED PLEASE REFER TO THE FOLLOWING:

Docsheet Rev: 04.24.08

\* Note - KLE's sig not required -  
 my sig auth = \$175K -  
 wasn't thinking 8/15

nm  
 fed

# UW Purchasing Department: Purchase Documentation Checklist

## THIS SECTION TO BE USED ONLY FOR FEDERALLY FUNDED (CONTRACTS AND GRANTS) PURCHASES:

- ☐ Federally Funded purchase:
  - ☐ ~~Grant funded purchase, attach 7.1.3b grant flowdowns.~~ (If both Grant and Contract funded purchase, attach 7.1.3a contract flowdowns).
  - ☐ ~~Contract funded purchase, attach 7.1.3a contract flowdowns.~~
  - ☐ Commercial item (must meet one of the following 8 definitions):
    - ☐ 1. Any item(s) available for acquisitions to general public
    - ☐ 2. Any item(s) evolved from previously available to general public item(s) that is not available in the market place, but will be available in time to meet Government solicitation requirements
    - ☐ 3. Item(s) that is offered to public with customization options or need minor customization not generally available to public
    - ☐ 4. Any mix or combination of items mentioned (1,2,3,5) that are customarily sold in combination to public
    - ☐ 5. Services (installation, maintenance, repair, training, other) in support of an item acquired or available to general public.
    - ☐ 6. Services that are offered in the marketplace in substantial quantities at pre-established catalogue or market pricing
    - ☐ 7. Any item/service or combination of items/services above (1-6) that are notwithstanding the fact that an item(s)/service(s) is transferred between separate divisions, subsidiaries, or affiliates of a contractor
    - ☐ 8. A non-developmental item developed and offered to multiple governmental entities by private entity

Note: For more details for above definitions please refer to FAR 2.104

- ☐ Non-Commercial R&D items
  - ☐ Assoc. Director's approval required if order total exceeds "direct buy" limit
  - ☐ Certs & Reqs: >\$25K Federal grant -or- contract
  - ☐ Dynamic Small Business Search printout attached: >\$100K Fed contract, for competitive and non-competitive purchases.
  - ☐ Small Business Subcontracting Plan: >\$550K Federal contract
  - ☐ Certified Cost or Pricing data: sole source, non-commercial item >\$550K Federal contract



08/10/11

723922

PURCHASE ORDER

LEVELS OF Raltegravir 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-6460

UNIV OF NEBRASKA (OMAHA)  
UNIV OF NEBRASKA MED CTR  
COLL OF PHARMACY  
986045 (ANTIVIRAL PHARMACOLOGY LAB)  
OMAHA NE 68198-6045

AS REQUIRED

ATTENTION : COURTNEY FLETCHER OR BRIAN ROBBINS

PROJECT : Modeling intracellular and extracellular  
raltegravir (RAL) pharmacokinetics in the female  
genital tract and blood after a twice daily 400mg  
dose over the course of a menstrual cycle.

Dr. Mitchell (PI) will process samples and freeze  
them at -80C at the University of Washington until  
ready for shipment. Samples will be shipped when  
there are at least 30 samples and possibly only  
quarterly.

Dr. Fletcher's lab will test samples for levels of  
raltegravir: plasma concentrations for plasma sam-  
ples and intracellular levels for BMC and cervi-  
cal biopsy tissue samples. Results will be sent to  
Dr. Mitchell by email.

001 OPEN ORDER FOR PHARMACOKINETIC TESTING --- IT IS  
ANTICIPATED THERE WILL BE 10 PARTICIPANTS AND LOT  
PRICE IS BASED ON FOLLOWING PROJECTIONS :

SAMPLE	COST PER SAMPLE	#OF SAMPLES P/PATIENT	TOTAL/PATIENT
PLASMA	\$ 88.00	20	\$ 1,760

(CONTINUED)

66-1849

126163-08

723922

CANDACE PLOG

543-3017

08/10/11

723922

## PURCHASE ORDER

LEVELS OF RALTEGRAVIR 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-6460

UNIV OF NEBRASKA (OMAHA)

AS REQUIRED

PAGE 2

PBMC	\$375.00	20	\$ 7,500
TISSUE	\$375.00	12	\$ 4,500
		TOTAL/PATIENT	\$ 13,760
		TOTAL FOR 10	
		PATIENTS	\$137,760

1	LOT	NOT TO EXCEED
		137,760.00

CONTRACT PERIOD: 08/09/11 - 06/23/13

UN DEPT CONTACT : WINSTON CHIU 206-543-3726

This order is valid only for the period of time noted. Extensions, if any, must be upon receipt of a change order -issued PRIOR to the end period- or a new purchase order. This order is NOT subject to automatic extension.

The following Terms and Conditions shall apply to this order. In the event of a conflict, the following priority shall apply:

1. Face of the purchase order
2. General Terms and Conditions
3. Purchase Order Agreement (attached)

(CONTINUED)

66-1849

126163-08

723922

CANDACE PLOG

543-3017



## UNIVERSITY OF WASHINGTON

## PURCHASE ORDER

DELIVERY

Date	Purchase Order Number
08/15/11	723922
***	
Ship To:	
T. EVELS OF RALTEGRAVIR	

MD 356460

NTER  
WA 98195-646

(as noted below\*)

CITY OF WASHINGTON  
IS AVAILABLE AT:  
Hers/terms-and-conditions  
ice Del. Date\*

Order has been mailed ...

From: Candace Plog  
To: Candace Plog  
Subject: Candace Plog  
Attachments: Candace PlogCandace Plog  
Monday, August 15, 2011 8:52 AM  
Winston Chiu; Caroline Mitchell  
Candace Plog  
Univ of Nebraska PO 723922  
126163-08.PDF

OPY

TO: UNIV OF NEBRASKA (OMAHA)  
UNIV OF NEBRASKA MED CTR  
COLL OF PHARMACY  
986045 (ANTIVIRAL PHARMACOLOG  
NE OMAHA1 No Description  
ATTENTION : COURTNEY FLETCHER ORPROJECT : Modeling intracellular  
raltegravir (RAL) pharmacokinetic  
genital tract and blood after a  
dose over the course of a menstu  
Dr. Mitchell (PI) will process s  
them at -80C at the University o  
ready for shipment. Samples will  
there are at least 30 samples and  
quarterly.Dr. Fletcher's lab will test sam  
raltegravir: plasma concentratio  
ples and intracellular levels fo  
cal biopsy tissue samples. Resul  
Dr. Mitchell by email.1 OPEN ORDER FOR PHARMACOKINETIC T  
ANTICIPATED THERE WILL BE 10 PAR  
PRICE IS BASED ON FOLLOWING PROJSAMPLE COST PER #OF SAMPLES  
SAMPLE P/PATIENT

PLASMA \$ 88.00 20

BILLING INSTRUCTIONS: P  
Mail two (2) copies of invoice(s) to: C  
ACCOUNTS PAYABLE at  
3917 UNIVERSITY WAY N.E. F  
UNIVERSITY OF WASHINGTON E  
SEATTLE, WA 98105-6692

66-1849

126163-08

NOTE: Refer to our Purchase Order Number  
723922Purchasing  
Agent

723922

on All correspondence.

CANDACE PLOG

(206) 543-3017



## UNIVERSITY OF WASHINGTON

Date 08/15/11 \*\*\* Purchase Order Number 723922

## PURCHASE ORDER

DELIVERY  
RESTRICTIONS:  
See #15 OF GENERAL  
TERMS AND  
CONDITIONSShip To:  
LEVELS OF RALTEGRAVIR 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-6461

TO: UNIV OF NEBRASKA (OMAHA)

Terms: NET 30 DAYS

FOB:

Via:

Delivery Date: AS REQUIRED(Except as noted below\*)

Description

PAGE 3

THIS ORDER IS SUBJECT TO UNIVERSITY OF WASHINGTON  
GENERAL TERMS AND CONDITIONS AVAILABLE AT:  
<http://lr2.washington.edu/mr/ms/info-for-suppliers/terms-and-condition>

Quantity Unit Unit Price Del. Date

To acknowledge acceptance, please sign and  
return one copy of this contract.

Agreed &amp; Accepted

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

ATTACHMENT : PO Agreement (1 page)

## BILLING INSTRUCTIONS:

Mail two (2) copies of invoice(s) to: **PAYMENT QUESTIONS:**  
ACCOUNTS PAYABLE at 206-543-4500  
3917 UNIVERSITY WAY N.E. FAX 206-685-8018  
UNIVERSITY OF WASHINGTON Email: [aphelp@u.washington.edu](mailto:aphelp@u.washington.edu)  
SEATTLE, WA 98105-6692

All other correspondence to:

PURCHASING DEPARTMENT  
UNIVERSITY OF WASHINGTON  
BOX 351110  
SEATTLE, WA 98195-1110

NOTE: Refer to our Purchase Order Number

Purchasing  
Agent

723922

on All correspondence.

CANDACE PLOG (206) 543-3017

126163-08

66-1849

## Candace Plog

---

**From:** Caroline Mitchell [camitch@u.washington.edu]  
**Sent:** Monday, August 15, 2011 11:28 AM  
**To:** Candace Plog  
**Cc:** Winston Chiu  
**Subject:** Re: Univ of Nebraska PO 723922

Thank you!

Caroline

On Aug 15, 2011, at 8:52 AM, Candace Plog wrote:

Order has been mailed ...

cp

<126163-08.PDF>

Caroline Mitchell, MD, MPH  
Assistant Professor  
Department of Obstetrics & Gynecology  
University of Washington  
[camitch@u.washington.edu](mailto:camitch@u.washington.edu)

## Candace Plog

---

**From:** Winston Chiu  
**Sent:** Thursday, August 25, 2011 7:31 AM  
**To:** Caroline Mitchell  
**Cc:** Candace Plog  
**Subject:** RE: Univ of Nebraska PO 723922

Hi Caroline,

If Brian could scan and e-mail it, please e-mail the signed contract to Candice Plog at UW Purchasing.

Thanks, Winston

**From:** Caroline Mitchell [mailto:[camitch@u.washington.edu](mailto:camitch@u.washington.edu)]  
**Sent:** Wednesday, August 24, 2011 10:01 PM  
**To:** Winston Chiu  
**Subject:** Fwd: Univ of Nebraska PO 723922

Hi Winston -

Should he send it back to you?

Caroline

Begin forwarded message:

**From:** Brian L Robbins <[blrobbins@unmc.edu](mailto:blrobbins@unmc.edu)>  
**Date:** August 24, 2011 10:41:07 AM PDT  
**To:** Caroline Mitchell <[camitch@u.washington.edu](mailto:camitch@u.washington.edu)>  
**Subject:** Re: Fwd: Univ of Nebraska PO 723922

Caroline,

I received your PO contract form. Who do I need to send the signed copy to?

Regards,

Brian

Brian Robbins, PhD.  
Research Associate Professor  
Manager, Antiviral Pharmacology Laboratory  
College of Pharmacy  
University of Nebraska Medical Center  
986045 Nebraska Medical Center  
Omaha, NE 68198-6045

Phone: 402-559-1939  
Fax: 402-559-5341

Email: [blrobbins@unmc.edu](mailto:blrobbins@unmc.edu)

From: Caroline Mitchell <[camitch@u.washington.edu](mailto:camitch@u.washington.edu)>  
To: Brian L Robbins <[blrobbins@unmc.edu](mailto:blrobbins@unmc.edu)>  
Cc: Lisa Frenkel <[lfrenkel@u.washington.edu](mailto:lfrenkel@u.washington.edu)>, Courtney V Fletcher <[cfletcher@unmc.edu](mailto:cfletcher@unmc.edu)>  
Date: 08/15/2011 01:27 PM  
Subject: Fwd: Univ of Nebraska PO 723922

---

Hi Brian -

Here is what the UW put together as a purchase order for all the Ralleggravir work, and which they have sent via snail mail. I hope that this will find you - it looks like it has the right box number, but doesn't have your name anywhere (even though I gave that to them!).

Let me know if there are any issues with this, or we need to make any changes.

Thanks!  
Caroline

Begin forwarded message:

**From:** Candace Plog <[cplog@u.washington.edu](mailto:cplog@u.washington.edu)>  
**Date:** August 15, 2011 8:52:07 AM PDT  
**To:** Winston Chiu <[wchiu@u.washington.edu](mailto:wchiu@u.washington.edu)>, Caroline Mitchell <[camitch@u.washington.edu](mailto:camitch@u.washington.edu)>  
**Cc:** Candace Plog <[cplog@u.washington.edu](mailto:cplog@u.washington.edu)>  
**Subject:** Univ of Nebraska PO 723922

Order has been mailed ...

cp1attachment "126163-08.PDF" deleted by Brian L Robbins/COP/UNMC/UNEHRJ

Caroline Mitchell, MD, MPH

Assistant Professor

Department of Obstetrics & Gynecology

University of Washington

[camitch@u.washington.edu](mailto:camitch@u.washington.edu)

Caroline Mitchell, MD, MPH  
Assistant Professor  
Department of Obstetrics & Gynecology  
[camitch@u.washington.edu](mailto:camitch@u.washington.edu)

## Candace Plog

---

**From:** Brian L Robbins [bprobbins@unmc.edu]  
**Sent:** Thursday, August 25, 2011 11:16 AM  
**To:** Candace Plog  
**Cc:** Caroline Mitchell; Courtney V Fletcher  
**Subject:** Univ of Wash PO form  
**Attachments:** UWash PO doc.pdf

Dear all,

Attached is a scanned copy of the signed PO form. If you need anything please don't hesitate to contact me.

Thank you,

Brian

Brian Robbins, PhD.  
Research Associate Professor  
Manager, Antiviral Pharmacology Laboratory  
College of Pharmacy  
University of Nebraska Medical Center  
986045 Nebraska Medical Center  
Omaha, NE 68198-6045

Phone: 402-559-1939  
Fax: 402-559-5341

Email: [bprobbins@unmc.edu](mailto:bprobbins@unmc.edu)





## UNIVERSITY OF WASHINGTON

## PURCHASE ORDER

DELIVERY  
RESTRICTIONS:  
See #15 OF GENERAL  
TERMS AND  
CONDITIONS

Ship To:  
LEVELS OF RALTEGRAVIR 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-646

TO: UNIV OF NEBRASKA (OMAHA)  
UNIV OF NEBRASKA MED CTR  
COLL OF PHARMACY  
986045 (ANTIVIRAL PHARMACOLOGY LAB)  
OMAHA NE 68198-6045

Terms: NET 30 DAYS  
FOB:  
Via:  
Delivery Date: AS REQUIRED(Except as noted below)

THIS ORDER IS SUBJECT TO UNIVERSITY OF WASHINGTON  
GENERAL TERMS AND CONDITIONS AVAILABLE AT:  
<http://r2.washington.edu/mrps/infoc-suppliers/terms-and-conditions>

No.	Description	Quantity	Unit	Unit Price	Del. Date
	ATTENTION : COURTNEY FLETCHER OR BRIAN ROBBINS				
	PROJECT : Modeling intracellular and extracellular raltegravir (RAL) pharmacokinetics in the female genital tract and blood after a twice daily 400mg dose over the course of a menstrual cycle.				
	Dr. Mitchell (PI) will process samples and freeze them at -80C at the University of Washington until ready for shipment. Samples will be shipped when there are at least 30 samples and possibly only quarterly.				
	Dr. Fletcher's lab will test samples for levels of raltegravir: plasma concentrations for plasma sam- ples and intracellular levels for PBMC and cervi- cal biopsy tissue samples. Results will be sent to Dr. Mitchell by email.				
	OPEN ORDER FOR PHARMACOKINETIC TESTING --- IT IS ANTICIPATED THERE WILL BE 10 PARTICIPANTS AND LOT PRICE IS BASED ON FOLLOWING PROJECTIONS :				
	SAMPLE COST PER #OF SAMPLES TOTAL/PATIENT SAMPLE P/PATIENT				
	PLASMA \$ 88.00 20 \$ 1,760				
	(CONTINUED)				

BILLING INSTRUCTIONS: PAYMENT QUESTIONS:  
Mail two (2) copies of invoice(s) to: Call ACCOUNTS PAYABLE  
ACCOUNTS PAYABLE at 206-543-4500  
3917 UNIVERSITY WAY N.E. FAX 206-685-8018  
UNIVERSITY OF WASHINGTON Email: [aphelp@u.washington.edu](mailto:aphelp@u.washington.edu)  
SEATTLE, WA 98105-6692

All other correspondence to:  
PURCHASING DEPARTMENT  
UNIVERSITY OF WASHINGTON  
BOX 351110  
SEATTLE, WA 98195-1110

26163-08

6-1849

NOTE: Refer to our Purchase Order Number

Purchasing  
Agent.

723922

on All correspondence.

CANDACE PLOG

(206) 543-3017



# UNIVERSITY OF WASHINGTON

08/15/11

\*\*\*

723922

## PURCHASE ORDER

DELIVERY  
RESTRICTIONS:  
See #15 OF GENERAL  
TERMS AND  
CONDITIONS

Ship To: LEVELS OF RALTEGRAVIR 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-646

TO: UNIV OF NEBRASKA (OMAHA)

Terms: NET 30 DAYS

FOB:

Via:

Delivery Date: AS REQUIRED(Except as noted below\*)

THIS ORDER IS SUBJECT TO UNIVERSITY OF WASHINGTON  
GENERAL TERMS AND CONDITIONS AVAILABLE AT:  
<http://2.washington.edu/mys/intr-for-suppliers/terms-and-condition>

No.	Description	PAGE 2	Quantity	Unit	Unit Price	Del. Date*
PBMC	\$375.00	20			\$ 7,500	
TISSUE	\$375.00	12			\$ 4,500	
		TOTAL/PATIENT			\$ 13,760	
		TOTAL FOR 10				
		PATIENTS	1	LOT	NOT TO EXCEED 137,760.00	

CONTRACT PERIOD: 08/09/11 - 06/23/13

UN DEPT CONTACT : WINSTON CHIU 206-543-3726

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2. General Terms and Conditions
3. Purchase Order Agreement (attached)

(CONTINUED)

All other correspondence to:

**BILLING INSTRUCTIONS:** **PAYMENT QUESTIONS:**  
Mail two (2) copies of invoice(s) to: Call ACCOUNTS PAYABLE  
ACCOUNTS PAYABLE at 206-543-4500  
3917 UNIVERSITY WAY N.E. FAX 206-685-8018  
UNIVERSITY OF WASHINGTON Email: [aphelp@u.washington.edu](mailto:aphelp@u.washington.edu)  
SEATTLE, WA 98105-6692

PURCHASING DEPARTMENT  
UNIVERSITY OF WASHINGTON  
BOX 351110  
SEATTLE, WA 98195-1110

6-1849

26163-08

NOTE: Refer to our Purchase Order Number Purchasing Agent

723922

on All correspondence.

CANDACE PLOG (206) 543-3017



# UNIVERSITY OF WASHINGTON

## PURCHASE ORDER

DELIVERY  
RESTRICTIONS:  
See #15 OF GENERAL  
TERMS AND  
CONDITIONS

Ship To:  
LEVELS OF RALTEGRAVIR 356460  
ATTN: CAROLINE MITCHELL, MD  
UNIV OF WA DEPT OF OB/GYN  
BB-645 HEALTH SCIENCES CENTER  
SEATTLE WA 98195-646

TO: UNIV OF NEBRASKA (OMAHA)

Terms: NET 30 DAYS  
FOB:  
Via:  
Delivery Date: AS REQUIRED(Except as noted below\*)

THIS ORDER IS SUBJECT TO UNIVERSITY OF WASHINGTON  
GENERAL TERMS AND CONDITIONS AVAILABLE AT:  
<http://r2.washington.edu/irms/info-for-suppliers/terms-and-conditions>

No.	Description	PAGE 3	Quantity	Unit	Unit Price	Del. Date*
To acknowledge acceptance, please sign and return one copy of this contract.						
Agreed & Accepted						
By: <i>Anthony V. Blumberg</i>						
Title: <i>Anthony V. Blumberg Laboratory Director, Professor</i>						
Date: <i>August 23, 2011</i>						
ATTACHMENT : PO Agreement (1 page)						

All other correspondence to:

**BILLING INSTRUCTIONS:** Mail two (2) copies of invoice(s) to:  
ACCOMENTS PAYABLE  
3917 UNIVERSITY WAY N.E.  
UNIVERSITY OF WASHINGTON  
SEATTLE, WA 98105-6692

**PAYMENT QUESTIONS:** Call ACCOMENTS PAYABLE  
at 206-543-4500  
FAX 206-685-8018  
Email: [aphelp@u.washington.edu](mailto:aphelp@u.washington.edu)

NOTE: Refer to our Purchase Order Number  
723922  
Purchasing Agent

CANDACE PLOG (206) 543-3017

Purchase Order Agreement

723922

**Project:** Modeling intracellular and extracellular raltegravir (RAL) pharmacokinetics in the female genital tract and blood after a twice daily 400mg dose over the course of a menstrual cycle.

PI: Caroline Mitchell, MD, MPH

With:

Courtney Fletcher, PhD  
c/o Brian Robbins, PhD,  
Antiviral Pharmacology Laboratory  
College of Pharmacy  
University of Nebraska Medical Center  
986045 Nebraska Medical Center  
Omaha, NE 68198-6045, USA

-Dr. Mitchell will process samples and freeze them at -80C at the University of Washington until ready for shipment. Samples will be shipped when there are at least 30 samples, and possibly only quarterly.

Dr. Fletcher's lab will test samples for levels of raltegravir: plasma concentrations for plasma samples, and intracellular levels for PBMC and Cervical biopsy tissue samples. Results will be sent to Dr. Mitchell by e-mail.

Projected costs for Pharmacokinetic testing:

Sample	Cost per sample	# samples/patient	Total per patient
Plasma	\$88.00	20	\$1,760.00
PBMC	\$375.00	20	\$7,500.00
Tissue	\$375.00	12	\$4,500.00
		Total/patient	\$13,760.00
		Total # patients	10
		Total costs (max)	\$137,760.00

With planned enrollment of 10 participants, the maximum charges for this Purchase Order should not exceed \$137,600.

Bills should be sent to:

???  
University of Washington

Signed:

Caroline Mitchell

~~See back of invoice for signature~~

Courtney Fletcher