

IOWA STATE UNIVERSITY
OF SCIENCE AND TECHNOLOGY

Institutional Animal Care and Use Committee
Office for Responsible Research
Vice President for Research
1138 Pearson Hall
Ames, Iowa 50011-2207
515 294-9581
FAX 515 294-4267

Date: 12/18/2012
To: Michael Wannemuehler
2182 Vet Med
From: Office for Responsible Research
Subject: IACUC Approval Letter
Title: Impact of botanicals on modulation of colitis and the mammalian gastrointestinal microbiota
IACUC Log #: 1-10-6857-M
IACUC Approval Date: 12/13/2012
Continuing Review Due Date: 12/13/2013

The above-referenced project has been approved by the ISU Institutional Animal Care and Use Committee (IACUC). A copy of the IACUC approval signature page is enclosed for your records.

You will be receiving a copy of the approved Protocol Review Form via email. A copy of this form needs to be on file at the location where the animals will be housed. During the course of this project, if you plan any changes to the protocol, please submit a Continuing Review and/or Modification Form to iacuc@iastate.edu. IACUC approval must be given before any changes can be implemented.

If this project will go beyond the continuing review due date, a Continuing Review and/or Modification Form must be received, reviewed, and approved by the IACUC by that date. It is your responsibility to see that the form is submitted on time. A courtesy reminder will be sent to you via campus mail approximately 45 days prior to the due date. This will be your only reminder.

If an adverse event or unanticipated problem occurs during this project, please complete an Adverse Event Form and submit it to iacuc@iastate.edu. IACUC forms can be downloaded at <http://www.compliance.iastate.edu/iacuc/forms/>.

Best wishes for success in your project.

OFFICE FOR RESPONSIBLE RESEARCH USE ONLY	Review Date: 12/13/12	Committee ID: 1-10-6857-M
	Approval Date: 12/13/12	Length of Approval: 1 yr
	Continuing Review Date: 12/13/13	FULL Committee Review Date: NA

ISU IACUC/IBC RESPONSIBLE RESEARCH REVIEW FORM USE OF ANIMALS IN RESEARCH

SECTION I: GENERAL INFORMATION

Principal Investigator (PI): Michael J Wannemuehler	Phone: 4-3534	Fax: 4-8500
Degrees: BS, MS, PhD	Correspondence Address: 2182 Vet Med	
Department: VMPPM	Email Address: mjwannem@iastate.edu	
Center/Institute:	College: Veterinary Medicine	
PI Level: <input checked="" type="checkbox"/> Faculty <input type="checkbox"/> Staff <input type="checkbox"/> Postdoctoral <input type="checkbox"/> Graduate Student		
Alternate Contact Person: Mary Jane Long	Email Address: mjlong@iastate.edu	
Correspondence Address: 1132 Vet Med	Phone: 4-1025	
Title of Project: Impact of botanicals on modulation of colitis and the mammalian gastrointestinal microbiota.		

Key Personnel

List all members and relevant experience of the project personnel. This information is intended to inform the committee of the training and background related to the specific procedures that each person will perform on the project.

NAME	DEGREE	SPECIFIC DUTIES ON PROJECT	TRAINING & EXPERIENCE RELATED TO PROCEDURES PERFORMED
Michael Wannemuehler	PhD	Faculty Member, Principal Investigator. Responsible for study design, will perform immunizations, oral gavaging of botanical extracts, blood collection, monitoring as needed, and/or euthanasia of the mice.	25+ years experience with rodent models for immunology or infectious disease (immunizations, blood collection, euthanasia, oral intubations), IACUC training, Radiation Safety training, Blood Borne-Pathogen training, trained in pathogenic bacteriology. Required CITI training – 4/4/2006 CITI: SZ 12/5/12
Mary Jane Long	BS	Research Associate II, will perform immunizations, oral gavaging of botanical extracts, blood collection, monitoring as needed, and/or euthanasia of the mice.	15+ years experience with rodent models of immunology, experience with immunization protocols (IP, IM, oral), euthanasia, Radiation Safety training. Required CITI training – 3/28/2009 CITI: SZ 12/5/12
Yashdeep Phanse	BS, MS	Graduate student, will perform immunizations, oral gavaging of botanical extracts, blood collection, monitoring as needed, and/or euthanasia of the mice.	Six years experience with rodent models of immunology, experience with immunization protocols (IP, IM, oral), euthanasia, Radiation Safety training. Required CITI training – 10/08/2008 CITI: SZ 12/5/12
Timothy Sauer		Undergraduate Research Assistant, will aid in blood collection, monitoring as needed, and/or euthanasia of the mice	One year experience working with rodent models under the direction of Dr. Wannemuehler, specimen collection (including blood collection), animal husbandry and euthanasia. Required CITI

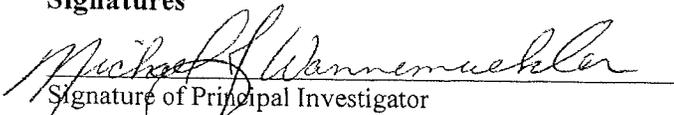
- Yes No Will this project involve
- anesthetic gas usage,
 - bedding or cage changing done by PI or PI's staff,
 - permit requirements (this does not include permits needed for wildlife collection),
 - highly toxic chemicals, or
 - human cell lines or tissue culture (primary OR immortalized), or human blood components, body fluid or tissues?

If Yes is checked, please answer the questions in SECTION IV.

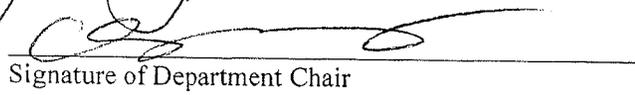
Assurance

- I certify that the information provided in this application is complete and accurate and consistent with any proposal(s) submitted to external funding agencies.
- I agree to provide proper surveillance of this project to ensure that the health and welfare of animal subjects are protected. I will report any problems to the appropriate compliance review committee(s).
- I certify that this project does not unnecessarily duplicate previous experiments involving animals.
- I agree that modifications to the originally approved project will not take place without prior review and approval by the appropriate committee(s), and that all activities will be performed in accordance with all applicable federal, state, local and Iowa State University policies.
- I will follow applicable biosafety level requirements, comply with all shipping requirements and required waste management practices.
- I will ensure that all personnel have appropriate training, including but not limited to: biosafety principles and techniques, accidental spills, shipping regulations, proper handling of biohazardous materials and waste management, animal welfare regulations, and human subject regulations training.

Signatures


 Signature of Principal Investigator

12-10-2012
 Date


 Signature of Department Chair

12-10-2012
 Date

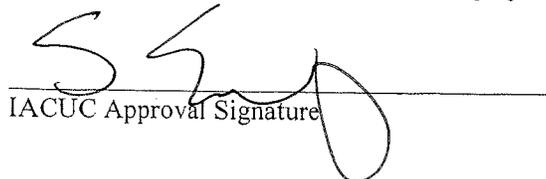
RECEIVED

For Office for Responsible Research /IACUC Use Only:

DEC 11 2012

Chair's signature below indicates that the project has been approved by the IACUC.

By IACUC


 IACUC Approval Signature

12/19/12
 Date

For Office for Responsible Research /IBC Use Only:

Chair's signature below indicates that the project has been approved by the IBC.

 IBC Approval Signature

 Date