

Institutional Animal Care and Use Committee (IACUC) Statement

Name of journal: World Journal of Gastroenterology

ESPS Manuscript NO: 19682

Manuscript title: DSS-induced acute colitis impairs dermal lymphatic function in mice

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All animal experiments were reviewed and approved by University of Texas Health Science Center Institutional Animal Welfare Committee (AWC-14-0034).

Signature



Sunkuk Kwon, Ph.D.

Assistant Professor of Molecular Medicine

Carolyn Frost Keenan Professor in Cardiovascular Disease Research

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APPROVAL – ANIMAL PROTOCOL: NON-USDA SPECIES

April 17, 2014

AWC-14-0034 – “Functional Imaging of GI Inflammation”

PI: Sun Kuk Kwon, PhD.

SPECIES: Mouse

PAIN CLASSIFICATION: D1

NUMBER OF ANIMALS APPROVED: 175

FUNDING AGENCY: Carolyn Frost Keenan Professor in Cardiovascular Disease Research

PROVISIONS: NONE

APPROVED: Designated Member Review

ORIGINAL APPROVAL DATE: April 1, 2014

EXPIRATION DATE: March 31, 2017

CHAIRPERSON: Catherine G. Ambrose, Ph.D. *Catherine G. Ambrose, PhD*

Approval is given to initiate this protocol for the use of animals, contingent upon compliance with any other provisions noted above.

REVISIONS REQUIRED BY THE AWC – If the AWC requires that revisions be made to proposed animal manipulations in a grant that is covered by this protocol, the PI must submit the revisions to the funding agency as soon as the revised protocol/materials have been approved by the AWC.

CHANGES – Modifications to this protocol must be submitted for review and approval prior to implementation. Minor changes, e.g. dosing regimens, methods of euthanasia, anesthesia, surgery, new personnel, etc. must be submitted on a Change Request form available on the AWC/CLAMC [website](#). If changes are extensive, or involve another species, a new Animal Protocol must be submitted.

ADVERSE EVENTS/UNANTICIPATED PROBLEMS - It is the responsibility of the PI to report to the veterinarian and the AWC any unexpected outcomes (abnormal phenotypes, increased toxicity of substance, surgical complications, etc.) that have resulted in jeopardizing the welfare of the animals in excess of what was explained in the protocol. An Adverse Event/Unanticipated Problems/Protocol Deviation form is available on the [AWC/CLAMC website](#). Please complete and submit to awc@uth.tmc.edu.

PROTOCOL DEVIATIONS - It is the responsibility of the PI to report any unapproved deviations in the protocol to the AWC as soon as discovered. Such deviations may include; personnel not approved on protocol manipulating animals, breeding strains that were not approved on protocol; changing method of anesthesia without approval. Please complete an Adverse Event/Unanticipated Problem/Protocol Deviation form available on the [AWC/CLAMC website](#) and submit to the awc@uth.tmc.edu .

LOCATIONS FOR HOUSING/MANIPULATION - Locations for the housing and manipulation of animals are contingent upon the health status of the animals, facility barrier level, containment level, and the availability of space. While appropriate housing of all animals is managed by CLAMC, housing decisions for the IMM are made in consultation with the **IMM Vivarium Committee**. The locations for AWC-approved animal manipulations outside of the barrier but within IMM facility must be endorsed by the IMM Vivarium committee since such activities may compromise the integrity of the barrier.

GRANT RENEWALS/SUBMISSION TO ANOTHER FUNDING AGENCY – Submit a completed Change Request form and a copy of the grant to the AWC office. Include the first page of the new grant, the abstract, and the section describing the animal work. All animal work stated in the grant must be covered by the approved animal protocol.

ANIMAL PROTOCOL REVIEW NUMBER – Animals purchased with the number listed above may be used only for the protocol(s) approved under this number.

PERSONNEL TRAINING- It is your responsibility to ensure that all personnel working with animals are adequately trained. To register individuals for the required training go to Animal Training [website](#).