

# *Institutional Animal Care and Use Protocol Approval*

Name of Study	Gadofluorine vP-Enhanced Magnetic Resonance Imaging of Pancreas Inflammation in Type I Diabetes: experimental study with rat model, comparison with USPIO and Gd DTPA												
IACUC No.	11-0019					Study Period	Apr.	.	29	.	2011	~	
Study No.	12	-	2011	-	003		-	5	Apr.	.	12	.	2012

## <Evaluation Criteria and Discussion Results>

1	The rationale and purpose of the proposed use of animals <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	7	Unusual housing and husbandry requirements <input type="checkbox"/> necessary <input checked="" type="checkbox"/> unnecessary
2	Justification of species and number of animals requested <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	8	Appropriate sedation, analgesia, and anesthesia <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate
3	Unnecessary duplication of tests or experiments <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	9	Method of euthanasia or disposition of animal <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate
4	Availability or appropriateness of the use of less-invasive procedures <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	10	Criteria and process for timely intervention, removal, or euthanasia if required <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate
5	Adequacy of training and experience of personnel <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	11	Safety of working environment for personnel <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate
6	Conduct of multiple major surgical procedures <input checked="" type="checkbox"/> appropriate <input type="checkbox"/> inappropriate	Remarks:	

Date of Submission                      Jan 17, 2011

Principle Investigator              Woo Kyung Moon

Date of Approval                      Apr 25, 2011

IACUC Chair                      Kook Hyun Lee

(sign)  


