

From: (b) (6), (b) (7)(C)
To: [APHIS-AnimalCare](#)
Subject: USDA license
Date: Tuesday, January 26, 2021 6:24:30 PM
Attachments: [image001.png](#)
[USDA License Request letter Thamm.docx](#)

Good afternoon,

I am following up on a Class-R license application sent January 6th on behalf of Dr. (b) (6), (b) (7)(C) of the Flint Animal Cancer Center. Can you give me an update on his application? I have included a draft of the request letter sent.

Thank you,

(b) (6), (b) (7)(C)

EcOP (ITAR/EAR)

Conflict of Interest | Export Control Compliance Analyst

Secure and Global Research

309 Johnson Hall | Fort Collins, CO 80523-2011

(b) (6), (b) (7)(C) [@colostate.edu](#)



January 6, 2021

USDA Licensing and Registration
2150 Centre Avenue Building B
Mailstop 3W11
Fort Collins, CO 80526

Good afternoon USDA Licensing,

I am enclosing an application for a Class-R license for Colorado State University, on behalf of Dr. (b) (6), (b) (7)(C) VMD, DACVIM, at the Flint Animal Cancer Center. He is requesting to send samples to Fujian Agricultural and Forestry University in China. A description of his request follows:

We want to find Chinese herbs that can inhibit the growth of canine tumors, using by CCK8, colony formation assay, annexin-V-FITC/PI double staining, and PI single staining. Additionally, we will use stable isotope labeling with amino acids in cell culture (SILAC) in combination with high-performance liquid chromatography-electrospray ionization tandem mass spectrometry (HPLC-ESI-MS/MS) and bioinformatics analysis to compare protein expression profiles before and after treatment, exploring how these proteins work in canine cancer. We may also explore which genes/proteins can promote the progression of tumors by RNA-seq, and explore these targets' mechanisms of action. PCR, RT-PCR, CRISPR/Cas9, and western blot may be used in this study. All the research we plan to do is to find a new approach for the treatment of canine cancer.

I have enclosed the registration application as well as the biological transfer agreement. Please let me know if there is more information I can provide.

Thank you,

(b) (6), (b) (7)(C)

AFSO, Colorado State university