Case TV News

Video News Release

Case Researchers Trail Mad Cow

Release Date:
Running Time (1:59)

[SUGGESTED INTRO] THE NATIONAL PRION DISEASE PATHOLOGY INSTITUTE, LOCATED AT CASE WESTERN RESERVE UNIVERSITY, IS THE LEADING RESEARCH CENTER IN THE NATION FOR DETECTING MAD COW DISEASE IN HUMANS. IF THE DISEASE EVER DOES APPEAR IN THIS COUNTRY, IT WILL LIKELY BE FOUND HERE FIRST. MORE IN THIS REPORT:

VIDEO

Open with shot of woman researcher dressing in protective lab suit.
Cut to Case signage.

Cut to on-camera shot of Pierluigi Gambetti viewing microscope slides of CJD samples.

Cut to lab researchers in protective suits about to enter restricted lab.

AUDIO

[VOICEOVER] THE HUMAN FORM OF MAD COW DISEASE HAS APPEARED IN EUROPE, BUT NOT IN THE UNITED STATES. IF IT DOES, IT WILL MOST LIKELY BE SPOTTED HERE FIRST, THE LABS OF THE NATIONAL PRION DISEASE PATHOLOGY SURVEILLANCE CENTER AT THE CASE WESTERN RESERVE UNIVERSITY SCHOOL OF MEDICINE.

PIERLUIGI GAMBETTI, THE CENTER DIRECTOR, REGULARLY SIFTS THROUGH BRAIN TISSUE SAMPLES FROM VICTIMS OF CREUTZFELDT-JAKOB DISEASE, A HUMAN DISEASE SIMILAR TO MAD COW. GAMBETTI IS SURE THE CASE LAB IS BEST PREPARED IN THE NATION TO CATCH AN OCCURRENCE OF

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VIDEO

ON-CAMERA INTERVIEW
SOT & Suggested Super:
Dr. Pierluigi Gambetti, Case Professor of Pathology & Dir., Natl. Prion Disease Pathology Surveillance Ctr.


AUDIO

[VOICEOVER-cont.] MAD COW IF IT IS EVER TRANSMITTED TO A HUMANS IN THIS COUNTRY.

“ We developed, actually here, a technology or a way which we think is novel to classify these diseases, so we think with knowing very well the kind of usual prion diseases, we should be in a very good position to identify if there is a novel form, an outlier, an atypical form and promptly alert the C-D-C and then the country”. (TRT 00:36:00)

[VOICEOVER] THE HUMAN FORM OF MAD COW DISEASE IS KNOWN AS VARIANT CREUTZFELDT-JAKOB DISEASE OR VARIANT C-J-D. HUMANS CAN ALSO DEVELOP OTHER FORMS OF C-J-D. CATTLE ARE INFECTED BY TAINTED FEED, BUT EXACTLY WHAT CAUSES PRION DISEASES IN HUMANS IS UNKNOWN. WHEN C-J-D STRIKES, IT CAUSES THE BRAIN TO GROW SPONGELIKE, KILLING THE VICTIM. SO FAR THERE ARE NO KNOWN CASES OF HUMAN MAD COW IN NORTH AMERICA, BUT THE DISCOVERY OF INFECTED CATTLE IN WASHINGTON STATE HAS THE NATION ON HIGH ALERT. THE CASE PRION CENTER HELPED DEVELOP QUICK, RELIABLE TESTS FOR CATTLE HERDS, AND CASE

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VIDEO
Cut to cold storage tank in lab with reveal to lab worker.

AUDIO
[VOICEOVER-cont.]
RESEARCHERS ARE NOW LOOKING FOR WAYS TO STOP C-J-D IN ALL OF ITS FORMS. THIS IS DAVE NAROSNY REPORTING FROM CASE WESTERN RESERVE UNIVERSITY, CLEVELAND.

-CASE-

For more information contact George Stamatis at the Case School of Medicine, 216.368.3635 or go to www.cjdsurveillance.com or email to george.stamatis@case.edu