

y future neutroal death. The development of sensitive techniques for the station and quantitative analysis of biomolecules is important for early stage agnosis and treatment of neutrodogenerative disease.

Methods: Using Surface enhanced Raman spectroscopy, Altherner's disease (AD) and healthy age-matched control cerebrospinal Blud (CSF) was examined on a graphene-gold namo-pyramid hybrid substate. Spectra were acquered from across each substate with deposited CSF, such that hot spots with high signal intensity could be located and averaged for each patien.

CREAUTES. We demonstrate the sensitivity and specificity of SERS to distinguish numan CSE by double fuller desperiments with a choice of 28 individuals, surge is. means clustering and Hierarchical Clustering Analysis (HCA). We demonstrate that our approach enables distinguishing AD patients from normal patients and even among patients within each color. Our data demonstrates the potential for the SERS patients we have another as a marked altiquorest to the SERS patients we have another as a marked altiquorest to the SERS patients we have another as a marked altiquorest to see the second secon

INTRODUCTION

There is broad consensus in the AD field that the development of binariators is prized if a divinince in diagnosis and transmitted the floatisease are to be adversed and prized in the prized transmitter that the discussion are to be adversed. A graph causine of AD adversed to the prized transmitter that the prized transmitter and and CSF, software advantaged markets (MR), MRI, PEC TC, oldection and consequent to the prized to the prized transmitter that prized to the prized to the prized to the prized prized to prized the prized to the prized to the prized profitory.

We report here the development of methods and exponent consented data analysis capabilities (compations) power. Machine Learning MIL/Artificial Intelligence (All) that uses a highly selective and sensitive single molecule) surface-enhanced Raman selections (SIRR) selections of commander than assessment of the properties of the projections of the biological samples that then are processed using MIL/A schriques to yield information on the biomolecules and underlying cellular states of the samples analysis.

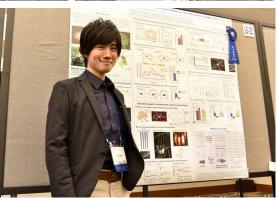
SES is a blad-free method that detect, who consumption and extended one requestry moders an event by discontinuous consumption and extended one broad wavenumber assign but an extended on the consumer season to the consumer assignment of the consumer season of the consumer to the consumer season of the consumer season of the consumer to the consumer season of the consumer season of the consumer to the consumer season of the consumer season of the consumer to the consumer season of the consumer season of the consumer to the consumer season of the consumer season of the consumer liquid consumer season of the consumer season of the consumer liquid consumer season of the consumer season of the consumer processing the processing the consumer pro













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WHAT IS LABEST?

LABEST is the Los Angeles Bioscience Ecosystem Summit Twenty twenty-two. This is the 5th year of the preeminent bioscience conference in the LA region which will be in-person on Thursday, May 26, 2022, at the UCLA Meyer and Renee Luskin Conference Center. Read more here.

WHO ATTENDS LABEST?

Industry leaders from Amgen, Kite, a Gilead Company, Genentech, Allogene Therapeutics, Xencor, Daiichi Sankyo and more attend the event.

HOW AND WHEN DO I SUBMIT A POSTER?

- Open to all UCLA bioscience graduate students, post-docs, faculty, and research/ project scientists
- Send a portrait PDF and a video/audio link explaining your poster
- POSTER SUBMISSION DEADLINE: May 3. Video/audio submission deadline: May 10
- <u>Submit your posters here</u> (Note: Kindly submit finalized version of the posters only)
- Posters should highlight recent research projects ONLY non-confidential data.
 Not sure about the status of your research? Email pooja.bhayani@tdq.ucla.edu

WHAT ARE THE BENEFITS OF PARTICIPATING IN THE COMPETITION?

- Exposure to hundreds of pharma and biotech industry leaders
- Opportunity to connect 1:1 with talent acquisition specialists from Amgen, Kite, a Gilead Company, Genentech, and many more
- Each Poster Award winner will receive an invitation to participate in an exclusive Pearl Cohen Corporate IP Due Diligence Bootcamp
- Opportunity to win \$250 \$750 in cash prizes
- Finalists/Award winners will have the opportunity to showcase their posters at the event/ LABEST and attend in person networking reception on the Luskin terrace
- One free admission to LABEST for lead presenter