

**Name :** Che-Hong Chen

**Current Position:**

Country Director, Center for Asian Health Research and Education (CARE),  
Senior Research Scientist, Dept. Chemical and Systems Biology, Stanford University School of Medicine



**E-mail:** [chehong@stanford.edu](mailto:chehong@stanford.edu)

**Brief Introduction**

Dr. Che-Hong Chen is a molecular biologist and geneticist at the Department of Chemical and Systems Biology, Stanford University, School of Medicine. Dr. Chen's research focuses on aldehyde toxicity and the function of the ALDH multi-gene family in humans. His research is highlighted by the discovery of a class of novel enzyme modulators of aldehyde dehydrogenase. These unique small molecule modulators are also potent enzyme activators for 540 million East Asians carrying a dysfunctional ALDH2 genetic variant which causes the alcohol flushing syndrome. Using an ALDH2-deficient mouse model in combination with clinical research, Dr. Chen is one of world's leading experts in the study of the molecular mechanisms underlying the pathology of diseases associated with aldehyde toxicity and genetic susceptibility of ALDH variation in human populations. Dr. Chen also serves as the Country Director for the Center of Asian Health Research and Education (CARE) at Stanford University where he actively promotes and conducts research on East Asian-specific health issues. He is the founder and director of the Stanford Alcohol Intolerance and Cancer Awareness Program (AICAP, <https://aicap24.org/>) designed to raise the awareness on alcohol intolerance and to prevent alcohol-related cancer and diseases in Asia and Asian communities in the U.S.. Dr. Chen is the founder of Taiwan Alcohol Intolerance Education Society (TAIES). Through TAIES and his campaign, May 9<sup>th</sup> (5月9日無酒日) has become an annual National No Alcohol Day for awareness and education. The designation of May 9<sup>th</sup> No Alcohol Day has been officially endorsed by the Ministry of Health and Welfare of the Taiwanese government since 2019.

<b>Education</b>
<ul style="list-style-type: none"> <li>● B.S., National Taiwan University, Taiwan</li> <li>● Ph.D. University of California, Berkeley, U.S.A.</li> </ul>
<b>Professional Experiences</b>
<ul style="list-style-type: none"> <li>● Country Director, Center for Asian Health Research and Education (CARE), Stanford University School of Medicine, Stanford, CA</li> <li>● Co-founder, CEO, International ALDH2 STAR Research Consortium, Stanford University School of Medicine, Stanford, CA</li> <li>● Senior Research Scientist, Dept. Chemical and Systems Biology, Stanford University, School of Medicine, Stanford, CA</li> <li>● Co-founder, ALDEA Pharmaceuticals, Redwood City, CA</li> <li>● Public Health Impact Award (2025), SPARK Program, Stanford University School of Medicine, Stanford, CA</li> <li>● Founder &amp; Honorary President, Taiwan Alcohol Intolerance Education Society (TAIES)</li> <li>● President, Taiwan Alcohol Prevention Association (TAPA)</li> </ul>
<b>Research Interests and Areas of Expertise</b>
<p>Asian health, alcohol-related cancer and disease, genetics and precision medicine, public health screening and prevention.</p>