

**Tony Wyss-Coray, Ph. D.**  
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**Tony Wyss-Coray** is the D. H. Chen Distinguished Professor of Neurology and Neurological Sciences at Stanford University, Associate Director of the Paul F. Glenn Center for the Biology of Aging, and the Director of the Stanford Alzheimer's Disease Research Center Biomarker Core. His lab studies brain aging and neurodegeneration with a focus on age-related cognitive decline and Alzheimer's disease. The Wyss-Coray research team is following up on earlier discoveries which showed circulatory blood factors can modulate brain structure and function and factors from young organisms can rejuvenate old brains. These findings were voted 2<sup>nd</sup> place Breakthrough of the Year in 2014 by Science Magazine and presented in talks at Global TED, the World Economic Forum, Google Zeitgeist, and Tencent's WE Summit in China. Wyss-Coray is the co-founder of Alkahest, a company developing plasma-based therapies to counter age-related diseases including Alzheimer's. Current studies in his lab focus on understanding how the immune system and the organism as a whole age and communicate with the brain. Putting humans at the center of his studies Wyss-Coray integrates genetic, cell biology, and proteomics approaches and models them in the short-lived killifish and in mice. Ultimately, he tries to understand brain aging and disease at an individual level to develop tailored diagnostic and therapeutic tools.

#### **Selected honors and awards:**

- Florence Mahoney Lecture on Aging, NIH Director's Distinguished Lecture, 2021
- D. H. Chen Distinguished Professorship, Stanford University, 2018
- TIME Magazine "The Health Care 50" most influential people transforming healthcare in 2018
- Speaker at Tencent WE Summit, Beijing 2017
- NOMIS Foundation Distinguished Scientist Award 2017
- NIH Director's Pioneer Award, 2015
- Speaker at Google Zeitgeist, Paradise Valley, 2015
- Glenn Award for Research in Biological Mechanisms of Aging, 2015
- Speaker at Global TED, Royal Institution, London, 2015 (1.7 Mio views)
- Speaker at World Economic Forum, Davos, 2015
- NIH Director's Transformative Research Award, 2013
- Veterans Administration Senior Research Career Scientist Award, 2012-2020
- Zenith award from the Alzheimer's Association, 2005
- John Douglas French Alzheimer Foundation Distinguished Award, 2005
- Current publication record: 37,167 citations; H-Factor 82 (Google Scholar)
- Co-Founder Alkahest Inc., Satoris Inc., Qinotto Inc., Inventor on multiple patents

Faculty profile: [http://med.stanford.edu/profiles/neuroscience/faculty/Tony\\_Wyss-Coray](http://med.stanford.edu/profiles/neuroscience/faculty/Tony_Wyss-Coray)

Lab website: <http://www.stanford.edu/group/twclab/cgi-bin/>

TED talk: [https://www.ted.com/talks/tony\\_wyss\\_coray\\_how\\_young\\_blood\\_might\\_help\\_reverse\\_aging\\_yes\\_really](https://www.ted.com/talks/tony_wyss_coray_how_young_blood_might_help_reverse_aging_yes_really)