



# THE ROTARY CLUB of La Jolla

*News Bulletin*

*January 1, 2026*

**Celebrating Decades of Impact**

*"Together we Unite for Good"*

**Coming next Tuesday, January 6<sup>th</sup>,**

## ***Precision Medicine and the AI Revolution***

*or*

*"If Amazon is so great at matching people to products, why  
can't we match patients to therapies?"*



**Dr. Trey Ideker, PhD.  
Dept of Medicine, UCSD**

Dr. Ideker has served as a faculty member **at UC San Diego** since 2003, with current appointments in the **Departments of Medicine, Bioengineering, and Computer Science** and **Engineering.**

Additionally, he holds leadership positions as **Director or Co-Director** of several federally funded research centers, including the **Cancer Cell Map Initiative**, the **Bridge2AI Functional Genomics Data Generation Program**, and, most recently, an **ARPA-H ADAPT Precision Oncology Center**.

Approximately 6 months ago the **U.S. Department of Health and Human Services**, acting through its Advanced Research Projects Agency for Health, announced up to **\$142 million in funding for the Advanced Analysis for Precision Cancer Therapy program** listing five different organizations.

Trey and his team, the “**Ideker Lab**” are part of this nationwide effort to increase the **precision of cancer therapy** through the better and broader use of computer modeling and machine learning, often called artificial intelligence. His lab is heavily involved in the effort which involves **approximately \$25 million in grant funding over 6 years**.

Dr. Ideker received BS and PhD degrees in **Computer Science from MIT** and a **PhD in Genome Sciences** from the University of Washington under Drs. Lee Hood and Dick Karp. He was then a David Baltimore Fellow at the Whitehead Institute before joining the UCSD faculty in 2003.

He was named a Top 10 Innovator by Technology Review, received **the 2009 ICSB Overton Prize**, and is a Fellow of the AAAS, AIMBE and ISCB organizations.



# A Look Back at our Annual Christmas Soiree (thanks to Laurne)













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Happy 2026 Dear Rotarians!

Photographs- Penny Shurtleff and Russell King  
Editor- Denise McGuire

