

DAVID C. SWINNEY, Ph.D.
650 995 4270 (cell), david.swinney@irnd3.org



PROFESSIONAL EXPERIENCE:

Drug Discovery.

- Leadership experience across the preclinical drug discovery value chain
- Scientific expertise in enzymology, pharmacology, molecular mechanism of drug action and binding kinetics

Disease Area Biology:

- Experienced in development and execution of disease area strategies
- Contributed to the development of target product profiles
- Proposed and led drug discovery programs in respiratory diseases (asthma, COPD), inflammatory diseases (RA), virology (HBV, dengue, immunomodulation of viral infection), and cancer (breast, prostate).

EMPLOYMENT EXPERIENCE

Institute for Rare and Neglected Disease Drug Discovery (iRND3) www.irnd3.org

Sept '10 to present *CEO and cofounder*

Founded non-profit (501c3) drug discovery organization with a mission to help discover medicines for rare and neglected diseases.

Established a laboratory located in Mountain View in 2011 with an initial focus on parasitic diseases and cancer.

Roche Palo Alto

3 years

Director Virology-Focus on emerging viruses including HBV and Dengue

Director Biochemical Pharmacology

3 years

Provide leadership to highly effective department responsible for enzymes (kinase, PDEs) and receptors pharmacology (GPCRs).

Roche Biosciences

8 years

Department Head, Inflammation; Respiratory Diseases

Lead programs in COPD, asthma & RA targeting GPCRs, nuclear receptors and enzymes including ubiquitin ligases

Syntex Palo Alto

8 years

Principle Scientist, Drug Metabolism, Inflammation

Highlights include programs targeting CYPs for cancer (aromatase, lyase) and cholesterol lowering (CYP51) and COX2

EDUCATION

Post Doctoral Fellow, Roche Institute of Molecular Biology, Nutley NJ

Ph.D.: Medicinal Chemistry University of Washington, Seattle WA,

BA Biology Gonzaga University, Spokane WA

Professional Societies:

American Chemical Society (ACS)

American Society for Biochemistry and Molecular Biology (ASBMB)

American Association for the Advancement of Science (AAAS)