SCHOLARSHIP OPPORTUNITY
Aimed at passionate individuals:
♦ Biomedical industry professionals from companies not offering educational programs
♦ Graduate and postdoctoral students without a fellowship to support the certificate course fees

IDEAL FOR
♦ Biomedical and healthcare professionals
♦ Graduate and postdoctoral students in a scientific, engineering, or business field
with the motivation and potential to become leaders, innovators, or entrepreneurs.

Maximal flexibility for the working professional
Weekday evenings 6 – 8 pm
Once a week, one course per quarter
Each course offered twice a year
Flexibility to complete the certificate within 1 to 5 years
No need to commit to the whole certificate at once, only one course at a time

SPECIALIZED CERTIFICATE IN TRANSLATIONAL SCIENCE
Entrepreneurial biomedical research and development (R&D) professionals are in high demand.
Gain a real-life, integrative and comprehensive understanding of translational science applied to the discovery/design and development of biomedical products.

Learn what it takes to innovate in healthcare

What is Translational Science?
“The (discipline) turning observations in the laboratory, clinic and community into interventions that improve the health of individuals and the public — from diagnostics and therapeutics to medical procedures and behavioral changes.”
- National Center for Advancing Translational Sciences, NIH

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ENROLL TODAY
rhoughtaling@ucsd.edu | (858) 534-4041
extension.ucsd.edu/translational
Course Flow

**REQUIRED COURSES**

Translational Research Fundamentals

Applied Translational Research

**ELECTIVES**

Applied Translational Research II

or

Translational Regenerative Medicine

Capstone Project

**COURSE DIRECTORS**

Regent Laporte, DVM, MSc, PhD
Senior Director, Translational Pharmacology, Peptide Logic
Program Director, Specialized Certificate in Translational Science
- Translational Research Fundamentals
- Applied Translational Research
- Applied Translational Research II
- Capstone Project

Sheldon Morris, MD, MPH
Associate Professor, Department of Medicine, UC San Diego
- Translational Regenerative Medicine

**FACULTY SAMPLE FROM BIOMEDICAL INDUSTRY**

Pierre Riviere, PhD
Founder & Chief Executive Officer, Peptide Logic

Amit Kumar, PhD
Chief Executive Officer, Anixa Biosciences

Wolfgang Glaser, PhD
Chief Scientific Officer, Applied Molecular Evolution, Eli Lilly & Co

Andrew Baker, BEng
Managing Director, Business Management, Industrial & Healthcare Business Unit, Maxim Integrated

Steven L. Bender, PhD
President, NextTx Insights LLC, Previously Executive Director of Cancer Therapeutics, Genomics Institute of the Novartis Research Foundation

Mark Fineman, MS, MAS, PhD
Senior Vice President, Clinical Development, Samumed

Patrick McConville, PhD
Vice President, Non-Clinical Research Services, inviCRO

Claudio D. Schteingart, PhD
Consultant, Previously Vice President, Science & Technology – Research, Ferring Pharmaceuticals

David G. Parkes, PhD
Principal, Mark S. Hixon Consulting LLC, Previously Senior Fellow, Astra Zeneca

Mark S. Hixon, PhD
Senior Director, Scientific Information & Intelligence, Ferring Pharmaceuticals

Michael K. Dunn, PhD, MBA
Senior Director, Clinical Research & Medical Affairs, Exagen Diagnostics

Regent Laporte, DVM, MSc, PhD
Senior Director, Translational Pharmacology, Peptide Logic

Robert A. Alexander, PharmD, PhD
Field Applications Manager – North America West, ProteinSimple

Timothy R. Geiger, PhD
Drug Development Leader, Early Phase Development Solutions, Covance Laboratories

Marina Seme Nelson, PhD
Associate Medical Director, Clinical Development, & Lead Physician, ozanimod for Crohn’s disease, Bristol-Myers Squibb

Kanthi A. Kollengode, MD, MAS