1. **Clinical Rheumatology Training Track**

A 2 year training track for rheumatologists committed to a career in clinical practice (or as an academic clinician scholar) following a standard ACGME 2 year training program for board eligibility in Rheumatology.

Featured Clinical Activities:

**Clinics:**
- UCSD General Rheumatology Continuity Clinic
- VA Medical Center General Rheumatology Continuity Clinic
- UCSD Systemic Immune-Mediated Disease Focused Continuity Clinic
- UCSD Ultrasound Clinic
- Pediatric Rheumatology Clinic (Rady Children’s Hospital)
- UCSD Ortho/Sports Medicine Elective Clinic

**Rheumatology Inpatient Consult Service (UCSD and VA):**
- Teaching Conferences:
  - Rheumatology Grand Rounds
  - Rheumatology Case Conferences
  - Rheumatology San Diego City-Wide Teaching Conference (with Scripps program and the San Diego Rheumatology Community)
  - Combined Rheumatology and Allergy Clinical Grand Rounds, Rheumatology Formal Ultrasound Curriculum Conferences, Core Curriculum Conference
  - Rheumatology-Radiology Teaching Rounds, Rheumatology-Immunology Research Conference
  - Inter-Disciplinary Conferences (with UCSD Orthopedics, Ophthalmology, Pathology, Renal, and Dermatology Faculty)
  - Rheumatology Journal Club

**Rheumatology Research Elective Time (1 Year Total):**
- Clinical and translational research testing novel therapies at the Center for Innovative Therapy including biologics and other forms of immune modulation, or at the VA and other sites offering training in HSR&D, outcomes research, and tele-medicine

2. **Basic-Translational Rheumatology Research Track**

- Board eligibility after 2 years of training employing most of the same array of clinical training activities in the clinical track
- Designed as 3 Year T32-supported training track
- Additionally integrated with the UCSD Physician Scientist Training Pathway (PSTP, directed by Gerry Boss, MD)
- Specialized Rheumatology Research Journal Club
- Specialized Research Training Courses in Ethics and Grantsmanship for This Track

**Training opportunities include work with these mentors:**

**Innate Immunity, Inflammation, Connective Tissue Biology:**
- **Gary Firestein** RA Synovial Biology, Kinase Signaling, Epigenetics
- **Michael Karin** Inflammation Transcriptional Signaling
- **Mark Ginsberg** Inflammation Biology and Signaling, Leukocyte Adhesion and Trafficking, Angiogenesis and Vascular Biology in Rheumatic Disease
- **Dennis Carson** Member: Institute of Medicine, National Academy of Sciences; TLR Innate Immunity in Translational Immune Modulation, Purine Metabolism in Immunology, Nanotechnology
Jack E Dixon  Member: National Academy of Sciences; Fam20 Secreted Protein Kinases in Arthritis, Mitochondrial Biology in Connective Tissue Disease
Hal Hoffman  Inflammasome Biology and Pediatric Autoinflammatory Diseases
Robert Terkeltaub  Interfaces between Inflammation and Connective Tissue Biology, Crystal Arthropathies
Eyal Raz  Mucosal Immunity, Innate Immunity, Translational Immune Tolerization for SLE and RA
Maripat Corr  Innate Immunity in Arthritis, Wnt Signaling in Rheumatic Disease
Paul Insel  Mechanisms of Fibrosis
Monica Guma  Inflammation Signal Transduction, Stem Cell Biology, Angiogenesis
Ru Liu-Bryan  Inflammation Modulation and Metabolic Regulation of Inflammation in Cartilage Disease
Alex Gingras  Structural biology of Complement and of Leukocyte Activation

Adaptive Immunity:
Dennis Carson  B cell biology, and life and death mechanisms, Immune tolerance, immunization and adjuvanticity
Nunzio Bottini  T cell signaling, T cell Phosphatases, Nanotechnology
Maripat Corr  Adaptive Immunity in RA, SLE, and Spondyloarthropathy
Mark Ginsberg  B and T cell trafficking and activation
Joseph Cantor  B Cell Signaling, CD96

Mentors based nearby in the La Jolla research community, including:
Mitch Kronenberg  Director, LIAI - Antigen Presentation, NK and iNKT cells
Mick Croft  LIAI - T cell biology, Translational Immune Tolerance
Klaus Ley  LIAI - T cell Immunity in Atherosclerosis
Carl Ware  Sanford-Burnham - TNF superfamily, Autoimmunity, Viral Immune Evasion in Rheumatic Diseases

Allergic inflammation:
David Broide  Lung inflammation and tissue remodeling, Mast Cells
Bruce Zuraw  Kinins, Angioedema
Seema Aceves  Eosinophilic Inflammation
Taylor Doherty  TNF superfamily in lung inflammation

Basic Mechanisms and Translation in Pediatric and Autoinflammatory Rheumatic Diseases:
Hal Hoffman  Inflammasome Biology and Pediatric Autoinflammatory Diseases
Jane Burns  Kawasaki’s Disease Pathophysiology and Immune Modulation Based Therapy
Lori Broderick  Autoinflammatory Diseases, based in the Hal Hoffman lab group