

PEDIATRIC GRAND ROUNDS

A Continuing Medical
Education Program



THE DEPARTMENT OF PEDIATRICS
UNIVERSITY OF CALIFORNIA, SAN DIEGO

And



September 7, 2018 – June 28, 2019
Fridays – 8:30 a.m.
Education & Office Building
(EOB) 1900

University of California, San Diego
Department of Pediatrics
Rady Children's Hospital - San Diego
3020 Children's Way, MC5109
San Diego, CA 92123

Pediatric Grand Rounds
September 7, 2018 – June 28, 2019

Links and information for ZOOM and CME Credit
<https://www.rchsd.org/continuing-medical-education-cme/pediatric-grand-rounds/>

Gabriel G. Haddad, M.D.

Chairman, Department of Pediatrics
University of California, San Diego
Physician-in-Chief, Chief Scientific Officer
Rady Children's Hospital – San Diego

Grand Rounds Organizing Committee

Hal Hoffman, MD • Elizabeth Ingulli, MD • Jeannie Huang, MD
Jodi Bengel • Joanne Albrecht

These lectures will offer the generalist and specialist pediatrician current information in the field of Pediatrics about the pathogenesis, diagnosis and treatment of children's diseases.

Objectives: (ACGME competencies)

- Provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health
- Demonstrate application of scientific methodology to clinical situations
- Know and apply the basic sciences which are appropriate to your discipline
- Demonstrate effective communication skills with patients, families and professional associates

Accreditation and Disclosure

The University of California, San Diego School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this live activity for a maximum of **1.0 AMA PRA Category 1 Credit(s)™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Cultural Competency

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at <http://cme.ucsd.edu>.

Faculty Disclosure

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All Persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms: 1) altering the financial relations with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussion of off-label/unapproved uses of drugs or devices. Persons who refuse or fail to disclose will be disqualified from participating in the CME activity.

SEPTEMBER 7, 2018

HAYLEY AVOL, MD – *UCSD Chief Resident, 2017-2018*
THOMAS SAVIDES, MD - *Professor of Medicine, Division of Gastroenterology*
MARK SAWYER, MD – *Professor of Pediatrics*
DOUGLAS ZIEDONIS, MD, MPH - *Professor of Psychiatry, Chief Academic Officer*
SIDNEY ZISOOK, MD - *Professor of Psychiatry University of California, San Diego*
Physician Wellness, Burnout and Resilience

SEPTEMBER 14, 2018

CALUM A. MACRAE, MD, PHD
Associate Professor of Medicine
Vice Chair for Scientific Innovation/ Department of Medicine Brigham and Women's Hospital, Harvard Medical School
Translating Cardiovascular Developmental Biology into Therapeutics

SEPTEMBER 21, 2018

RAJESH GUPTA, MD
Professor and Qualcomm Endowed Chair
Department of Computer Science and Engineering
University of California, San Diego
Big Data Science and Healthcare

SEPTEMBER 28, 2018

HESHAM A. SADEK, MD, PHD
Associate Professor of Medicine, Division of Cardiology
Associate Director, Center for Regenerative Science and Medicine
J. Fred Schoellkopf, Jr. Chair in Cardiology
University of Texas Southwestern
Redox Regulation of Cardiomyocyte Renewal

OCTOBER 5, 2018

KENNETH M. BRADY, MD
Associate Professor of Pediatrics, Anesthesia
Critical Care Medicine
Director of Research, Department of Pediatric Anesthesia
Texas Children's Hospital, Baylor College of Medicine
Can Neurologic Injury from Cardiac Surgery be Prevented by Hemodynamic Optimization?

OCTOBER 12, 2018

ALBERT PARK, MD
Professor of Surgery
Chief for Pediatric Otolaryngology
University of Utah
A Revolution in Pediatric Hearing Loss Management: The Story of Congenital Cytomegalovirus

OCTOBER 19, 2018

MAXIMILIAN MUENKE, MD, FACMG
Chief, Medical Genetics Branch
National Human Genome Research Institute
National Institutes of Health
Holoprosencephaly: Clinical and Genetic Aspects of the Most Common Disorder of the Developing Forebrain

OCTOBER 26, 2018

PROFESSOR DR. FRANZ SCHAEFER
Professor of Pediatrics
Head, Division of Pediatric Nephrology and KfH
Children's Kidney Center, Universität Heidelberg
Genomics of Chronic Kidney Disease

NOVEMBER 2, 2018

ROBERT WYMAN, PHD

*Professor of Molecular, Cellular & Developmental Biology
Yale University*

Population, Poverty and Health

NOVEMBER 9, 2018

OLGA TYMOFIYEVA, PHD

*Assistant Researcher
Departments of Radiology & Biomedical Imaging
University of California, San Francisco*

Neuroimaging Insights into Adolescent Development

NOVEMBER 16, 2018

DENISE SUTTNER, MD

*Clinical Professor of Pediatrics
Director, San Diego Regional ECMO Program
Rady Children's Hospital, University of California, San Diego*

Extracorporeal Membrane Oxygenation: Past, Present, and What About the Future?

NOVEMBER 23, 2018 – THANKSGIVING HOLIDAY

NOVEMBER 30, 2018

PETER HOTEZ, MD, PHD

*Dean, National School of Tropical Medicine
Professor of Pediatrics and Molecular Virology & Microbiology
Texas Children's Hospital, Baylor College of Medicine*

Neglected Tropical Diseases and the Antipoverty Vaccines

DECEMBER 7, 2018

RACHEL GAFNI, MD

*Senior Research Physician
Skeletal Disorders and Mineral Homeostasis Section
National Institute of Dental and Craniofacial Research
National Institutes of Health*

Phosphate Disorders in Children:

Not Just Calcium's Poor Cousin

DECEMBER 14, 2018 – WINTER BREAK

DECEMBER 21, 2018 – WINTER BREAK

DECEMBER 28, 2018 - WINTER BREAK

JANUARY 4, 2019

JONATHAN SEBAT, PHD

*Professor
Chief, Beyster Center for Molecular Genomics of
Neuropsychiatric Diseases
UCSD Departments of Psychiatry, Cellular and
Molecular Medicine and Pediatrics*

**DNA Technologies to Facilitate Personalized Pediatric
Medicine**

JANUARY 11, 2019

JAMES CROWE, JR., MD

*Professor of Pediatrics and Pathology,
Microbiology and Immunology
Director, Vanderbilt Vaccine Center, Vanderbilt University*

Is a Universal Influenza Vaccine Possible?

JANUARY 18, 2019

THE 19TH ANNUAL LENOIR/HAMBURGER LECTURE

SYDNEY LEIBEL, MD

*Assistant Clinical Professor
Department of Pediatrics
Division of Allergy and Immunology
University of California, San Diego*

**A Breath of Fresh Air: A Population Health Approach to
Pediatric Asthma**

JANUARY 25, 2019

KERRI BOUTELLE, PHD

*Professor of Pediatrics and Psychiatry
Director, Center for Healthy Eating and Activity Research (CHEAR)
Rady Children's Hospital, University of California, San Diego*

**Can't Stop the Feeling: Preventing Overeating by Balancing
Inhibition and Reward**

FEBRUARY 1, 2019

GEORGE LIU, MD, PHD

*Professor of Pediatrics
Chief, Division of Pediatric Infectious Diseases
Rady Children's Hospital, University of California, San Diego*

**Vaccine Approaches Targeting Staphylococcus Aureus and
Propionibacterium Acnes**

FEBRUARY 8, 2019

SOHAIL HUSAIN, MD

*Professor of Pediatrics
Director, Exocrine Pancreas Center
UPMC Children's Hospital of Pittsburgh, University of Pittsburgh*

**Solving the Conundrum of Pancreatitis in Children:
New Light on a Hidden Organ**

FEBRUARY 15, 2019

PAMELA A. FRISCHMEYER-GUERRERIO, MD, PHD

*Investigator and Chief, Food Allergy Research Unit
Laboratory of Allergic Diseases
National Institute of Allergy and Infectious Diseases
National Institutes of Health*

A Monogenic Presentation of Eosinophilic Esophagitis (EOE)

FEBRUARY 22, 2019

MICHAEL D. CABANA, MD, MPH

*Professor of Pediatrics, Epidemiology & Biostatistics
Chief, Division of General Pediatrics
University of California, San Francisco*

**The Trial of Infant Probiotic Supplementation (TIPS) for Early
Asthma Prevention**

MARCH 1, 2019

RAE S M YEUNG, MD, PHD, FRCPC

*Professor of Paediatrics, Immunology & Medical Science
Hak-Ming and Deborah Chiu Chair in Paediatric
Translational Research
The Hospital for Sick Children, University of Toronto*

**Towards Precision Medicine – Lessons Learned from
Childhood Arthritis**

MARCH 8, 2019

CHRISTOPHER LONGHURST, MD

*Clinical Professor of Pediatrics and Medicine
Chief Information Officer
University of California, San Diego*

Evidence-based Medicine and Physician Burnout in the EMR Era

MARCH 15, 2019

MAIKE SANDER, MD

*Professor of Pediatrics and Cellular and Molecular Medicine
Director, Pediatric Diabetes Research Center (PDRC)
University of California, San Diego*

Innovative Approaches to Diabetes Therapy

MARCH 22, 2019

JOHN B. WELSH LECTURE IN BEHAVIORAL PEDIATRICS

JAY GIEDD, MD

*Professor of Psychiatry
Director, Child and Adolescent Psychiatry
Rady Children's Hospital, University of California, San Diego*

The Teen Brain

MARCH 29, 2019 – CESAR CHAVEZ DAY

APRIL 5, 2019

PETER ZAGE, MD, PHD

*Associate Professor of Pediatrics
Division of Hematology Oncology
Rady Children's Hospital, University of California, San Diego*

**Using Neuroblastoma Cytogenetics to Identify Novel
Therapeutic Targets**

APRIL 12, 2019

STEVEN H. ABMAN, MD

*Professor of Pediatric-Pulmonary Medicine
Director, Pediatric Heart-Lung Center and Ventilator Care Program
Co-Director, Pediatric Pulmonary Hypertension Program.
Children's Hospital Colorado, University of Colorado*

**Pulmonary Vascular Disease in the Developing Lung:
Early and Late Implications**

APRIL 19, 2019

MIGNON LOH, MD

*Professor of Pediatrics and Division Chief, Hematology Oncology
Deborah and Arthur Ablin Endowed Chair in
Pediatric Molecular Oncology*

*UCSF Benioff Chair of Children's Health
University of California, San Francisco*

**Precision Pediatric Cancer Therapy: Using the Pediatric
Cancer Genome to Identify New Therapeutic Targets**

APRIL 26, 2019

NICOLE COUFAL, MD, PHD

*Assistant Professor
Division of Pediatric Critical Care
Rady Children's Hospital, University of California, San Diego*

**Frontiers in Microglia: A Neuroinflammatory Hypothesis for
Neurodevelopmental Disorders**

MAY 3, 2019

JACK GILBERT, PHD

*Professor, Department of Surgery
Faculty Director, The Microbiome Center
University of Chicago*

**Invisible Influence: How Microbial Exposure Shapes Patient
Health**

MAY 10, 2019

SATCHIDANANDA PANDA, PHD

*Professor, Regulatory Biology Laboratory
Salk Institute for Biological Studies*

Circadian Clocks in Animals and Humans

MAY 17, 2019

JAMES L. WYNN, MD

*Associate Professor of Pediatrics and Experimental Medicine
Departments of Pathology, Immunology and Laboratory Medicine
Division of Neonatology
UF Health Shands Children's Hospital, University of Florida*

**Neonatal Sepsis: A view from the SOFA (Sequential Organ
Failure Assessment)**

MAY 24, 2019

JUSTIN BAKER, MD

*Chief, Division of Quality of Life and Palliative Care
Director, Hematology/Oncology Fellowship Program
St. Jude Children's Research Hospital*

**Integrating Palliative Care Improves Outcomes:
10 Key QoL/PC Practices to Improve Patient Care**

MAY 31, 2019

10TH ANNUAL PEDIATRIC FACULTY RESEARCH SYMPOSIUM

JUNE 7, 2019

MATTHEW PORTEUS, MD

*Associate Professor of Pediatrics
Pediatric Stem Cell Transplantation
Stanford University*

**Genome Editing of Stem Cells:
New Cures and Renewed Controversies**

JUNE 14, 2019

CHIEF RESIDENT

*Chief Resident
Department of Pediatrics
Rady Children's Hospital, University of California, San Diego*

JUNE 21, 2019

CHIEF RESIDENT

*Chief Resident
Department of Pediatrics
Rady Children's Hospital, University of California, San Diego*

JUNE 28, 2019

CHIEF RESIDENT

*Chief Resident
Department of Pediatrics
Rady Children's Hospital, University of California, San Diego*