

## About the Speaker



### Dr. Richard Boles, MD

Dr. Richard Boles completed medical school at UCLA, a pediatric residency at Harbor-UCLA and a genetics fellowship at Yale. For over two decades, Dr. Boles' clinical and research focus has been on changes in genes involved in energy metabolism, and more recently ion channels and their effects on the development of common functional disorders. Dr. Boles practices the "bedside to bench to bedside" model of a physician-scientist, combining an active clinical practice with basic research into the underlying genetic predispositions leading to the same conditions. He has over 80 published papers, mostly in mitochondrial medicine. He has an active private practice in Pasadena and a telemedicine practice in other locations.



# PATIENT EDUCATION FORUM

*presented by: Ultragenyx Pharmaceuticals*

Join MitoAction for an afternoon to learn about channelopathy as a common cause of secondary mitochondrial dysfunction. Dr. Boles will focus on how the finding of a variant in a gene that encodes an ion channel can lead to therapies that are usually not considered in the mito community, but can lead to substantial clinical improvements.



### Where:

Hilton Pasadena  
*San Marino Room*  
168 South Los Robles Ave.  
Pasadena, CA 91101

### When:

Saturday, October 12th  
2:00pm - 4:00pm

PO Box 51474  
Boston, MA 02205  
888-648-6228  
888-MITO-411  
[www.mitoaction.org](http://www.mitoaction.org)

**RSVP by October 4th:**  
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