

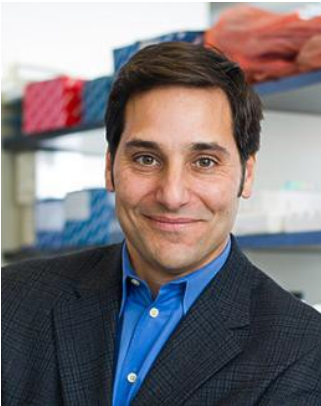
## Presents

**Carl D. Novina M.D., Ph.D.**

Lecture Title:

# Enhanced microRNA activity is a novel oncogenic function of eIF4F

**Thursday, September 18, 2014  
7:30-8:30 PM**



Carl D. Novina, MD, PhD is an Associate Professor at Dana-Farber Cancer Institute and Harvard Medical School where he studies microRNAs and their dysregulation in oncogenesis. His group pioneered several approaches to studying microRNA function and reported the first example of an intronic microRNA that performs the tumor suppressor role previously assigned to the protein-coding gene at the same locus. His group also demonstrated a connection between reduced ribosomal protein gene expression and microRNA activity; an association that may be especially relevant in ribosomopathies such as Diamond Blackfan Anemia and Shwachman Diamond Syndrome. Clinically, these patients present with congenital anomalies, bone marrow failure and cancer predisposition. It has been a long-standing mystery why patients present with this constellation of clinical findings. Because microRNAs frequently target body patterning genes, differentiation genes and oncogenes, these observations may describe the molecular pathogenesis of ribosomopathies.

### Hilton Garden Inn

420 Totten Pond Road, Waltham, Massachusetts  
1-781-890-0100

6:00 pm - 7:30 pm DINNER, INTERACTION and NETWORKING  
7:30 pm - 8:30 pm PRESENTATION

**\$25.00 MEMBERS / \$30.00 NON-MEMBERS / \$15.00 RESIDENTS/STUDENTS**

Dinner payment (cash/check only) may be made at the meeting.  
Non-members are always welcome.

There is no charge for Presentation-only attendance.

**PLEASE RSVP BY Tuesday, September 16, 2014 @ 3 pm to:**

Joel Lefferts, email: [Joel.A.Lefferts@hitchcock.org](mailto:Joel.A.Lefferts@hitchcock.org)

**Stay connected for more information to follow soon!!**

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### **Mark your calendar for our future seminars at the same location:**

- **October 16, 2014:** Tim Lahey, MD MMSc, Associate Professor of Medicine, Geisel School of Medicine at Dartmouth and Dartmouth-Hitchcock Medical Center, Lebanon, NH
  - **HIV Testing 2014**
- **November 20, 2014:** Nader Rifai, PhD, Professor of Pathology, Harvard Medical School; Director of Clinical Chemistry, Boston Children's Hospital, Boston, MA
  - **Communication of Scientific Information: the Clinical Chemistry Experience**

### **Directions to the Hilton Garden Inn in Waltham:**

From Route 93 (Boston or New Hampshire): Take 93 South to I-95/128 South, Follow to Route 128/95 South to Exit 27A - Totten Pond Road. At the end of the exit ramp turn right onto Totten Pond Road. Proceed one quarter of a mile to the entrance of the second office park on your right. Turn right and proceed up the driveway, and bear left to the hotel entrance.

From I-90 (Massachusetts Turnpike): Take I-90 to Route 128/95 North. On Rte. 128 North take Exit 27A. At the end of the exit ramp turn right onto Totten Pond Road. Proceed one quarter of a mile to the entrance of the second office park on your right. Turn right and proceed up the driveway, and bear left to the hotel entrance.

From Route 3 South: Take Route 3 south to Route 128/95 south to Exit 27A. At the end of the exit ramp turn right onto Totten Pond Road. Proceed one quarter of a mile to the entrance of the second office park on your right. Turn right and proceed up the driveway, and bear left to the hotel entrance.