



**Antonín Holý  
Memorial Conference  
in Medicinal Chemistry**

September 5, 2016

IOCB Prague  
Flemingovo nám. 2, Praha 6  
Lecture Hall (Level 1)

[www.uochb.cz/ahmc-2016](http://www.uochb.cz/ahmc-2016)

## Program

8:50 - 9:00 *Opening*

**Zdeněk Hostomský** (IOCB Prague)

**Zdeněk Havlas** (IOCB Prague)

### Session 1

Chairman: **Michal Hocek** (IOCB Prague)

09:00 - 09:30

**Tomáš Cihlár** (Virology at Gilead Sciences)

A. Holy - tribute

09:30 - 10:30

**Dennis C. Liotta** (Emory University)

Drug Development in Academia

10:30 - 10:50

**A. Michael Downey** (IOCB Prague)

Protection-free glycosylations for synthesis of nucleosides

*Coffee Break 10:50 - 11:10*

### Session 2

Chairman: **Michal Hocek**

11:10 - 11:50

**Chung K. Chu** (University of Georgia)

FMCA as a Novel Anti-HBV Agent

11:50 - 12:10

**Jan Frydrych** (IOCB Prague)

Novel acyclic nucleoside phosphonates as potential inhibitors of bacterial adenylate cyclases

12:10 - 12:50

**Victor E. Marquez** (National Cancer Inst., NIH)

Following the Steps of a Leader (Tony Holy, 1936 - 2012): The Story of N-Methanocarbathymidine from Basic Concepts to an IND

*Lunch 12:50 - 14:20*

### Session 3

Chairman: **Zdeněk Havlas**

14:20 - 15:00

**Frank Seela** (Center for Nanotechnology, University of Munster)

Click Reactions and Silver-Mediated Base Pairs in Modified DNA

15:00 - 15:20

**Milan Dejmek** (IOCB Prague)

Novel methodology for construction of purine nucleobases and application in the synthesis of locked nucleosides analogues

15:20 - 16:00

**Piet Herdewijn** (Rega Institute, KU Leuven)

In vivo transliteration of artificial nucleic acids

16:00 - 16:10 *Closing remarks*

**Zdeněk Havlas**