



## ***HBIGS Lecture***

*by*

**Prof. Marc Zimmer**

*(Professor of Chemistry and Dean of Studies  
Connecticut College, USA)*

### **„Fluorescent Proteins – the journey from jellyfish to ubiquitous lab tool “**

***Date: Monday, 6 July 2015***

***Start of Lecture: 17:00 s.t.***

***Venue: INF 282 (ZMBH), R001***

***Abstract:***

Green fluorescent proteins (GFP) have been floating in the ocean for more than 160 million years, but it took a curious scientist, fascinated by pinpricks of green light, to begin unlocking their potential. Now these jellyfish proteins have become one of the most important tools available to researchers in modern medicine and biology. Follow the path of this protein from the jellyfish to commonly used lab tool and the focus of two Nobel prizes. Check in on its chromophore formation and photophysics; and see how it has been *Illuminating Disease*.