

THE  
**ALLERGAN**  
FOUNDATION

The Allergan  
Lecture Series in  
Modern Biology

**REGISTRATION IS REQUIRED**

To register for the lecture, go to  
[www.bio.uci.edu/event/allergan/](http://www.bio.uci.edu/event/allergan/)

The event and parking are free

Visit the Beckman Center's website at  
[www.thebeckmancenter.org/about/map](http://www.thebeckmancenter.org/about/map)  
for directions and map

## Global Implications of the Biofuel Revolution

Presented by **Markus Ribbe, Ph.D.**  
Chancellor's Professor of Molecular Biology and Biochemistry  
UC Irvine School of Biological Sciences

Tuesday, November 19, 2013 – 7:00 p.m. Lecture

The Arnold and Mabel Beckman Center of the  
National Academies of Sciences and Engineering  
100 Academy Way, Irvine, CA 92617

Reception immediately following the lecture

Imagine using recycled greenhouse gases as fuel for our automobiles. Or illuminating our cities using energy obtained from factory exhaust. With the looming global energy shortage and the need to reduce our national reliance on fossil fuels, biofuel research has enormous potential to revolutionize our world. Dr. Markus Ribbe will describe his breakthrough research, done in collaboration with campus colleagues in the areas of genetic engineering, structural analysis and biochemical manipulation, to use bacterial enzyme-based conversion of carbon monoxide into useful fuel without the use of corn or other feedstocks. In this talk, Dr. Ribbe will outline why the world needs a viable biofuel source and explain the process he and his lab team have discovered that could revolutionize the field of alternative fuels.



The School of Biological Sciences

presents

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