



UNIVERSITA' DEGLI STUDI DI PADOVA  
DIPARTIMENTO DI MEDICINA – DIMED

*PhD Course in ARTERIAL HYPERTENSION AND VASCULAR BIOLOGY (ARHYVAB)*  
*Coordinator: Prof. Teresa Maria Seccia*

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## LECTURE SERIES

# ADVANCED GLYCATION AND DICARBONYL STRESS

**Dr. Philippe Vangrieken**  
**Maastricht University**

**Aula Bolognesi - 8° piano Policlinico**

### **Lecture 1 – Endogenous AGEs & Methylglyoxal**

Endogenous Advanced Glycation Endproducts and Methylglyoxal:  
Central Drivers of Vascular and Metabolic Disease  
Wednesday, February 4 Time 14:30-15:30

### **Lecture 2 – Dietary AGEs**

From Plate to Plasma:  
The Biology and Impact of Dietary Advanced Glycation Endproducts  
Monday, February 9 Time 14:30-15:30

### **Lecture 3 – Dietary Methylglyoxal**

Dietary Methylglyoxal:  
A Paradoxical Player in Metabolic and Vascular Health  
Tuesday, February 10 Time 12:00-13:00

### **Lecture 4 – Placental Methylglyoxal & Preeclampsia**

Placental Dicarbonyl Stress in Preeclampsia:  
From Hypoxia to Vascular Dysfunction  
Wednesday, February 11 Time 14:30-15:30