

## **BIOMARKERS IN NEPHROLOGY: READY FOR PRIME TIME?**

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The objective of this meeting is to review biomarkers currently available in Nephrology and to discuss their present and future role for the management of patients with kidney disease. The meeting will cover the different areas of the field, from acute kidney injury to stage 5 chronic kidney disease. Physiological and analytical dimensions of biomarkers will be explored along with their clinical relevance. Upon completion of this meeting, the participant will be able to: (1) understand the future challenges for the validation of biomarkers, (2) know what is the performance of the existing biomarkers in Nephrology, and (3) know whether and how to implement them in clinical practice. The intended audience is Nephrologist, Renal Physiologist and Biologist.

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### **DAY 1**

**1:00 pm** Welcome and introduction of the seminar  
Pr Christophe Mariat (Saint-Etienne, France)

**1:30 pm – 3:30 pm**

#### **Moderators**

Etienne Cavalier (Liège, Belgium) and Christophe Mariat (Saint-Etienne, France)

**Biomarkers for Diagnosis, Prognosis and Treatment Decision making- What the Clinician Expects** - 15 minutes + 5 minutes QA

Richard Glassock (Los Angeles, USA) (confirmed)

**Analytical performance of a biomarker: what the clinician should know** -25 minutes + 5 minutes QA

Etienne Cavalier (Liège, Belgium) (confirmed)

**Biomarkers in Transplantation: more than the eye can see?** -25 minutes + 5 minutes QA

Olivier Thaumat (Lyon, France) (confirmed)

**Micro-RNA : a new tool in nephrology ?** -25 minutes + 5 minutes QA

Nicolas Maillard (Saint Etienne) (confirmed)

**3:30 pm - 4:00 pm** Coffee break

**4:00 pm – 5:30 pm**

**Moderators**

Christophe Mariat (Saint-Etienne, France) and Pierre Delanaye (Liège, Belgium)

**GFR estimation: nothing better than serum creatinine?** -25 minutes + 5 minutes QA  
Elke Schaeffner (Berlin, Germany) (confirmed)

**GFR-related biomarkers as risk predictors: what are the unresolved issues?**-25 minutes + 5 minutes QA  
Bjorn Eriksen (Tromsø, Norway) (confirmed)

**Microalbuminuria: A questionable Renal Biomarker?** -25 minutes + 5 minutes QA  
Meguid El-Nahas (Sheffield, UK) (confirmed)

## **DAY 2**

**8:30 am – 10:30 am**

### **Moderators**

Christophe Mariat (Saint-Etienne, France) and Pierre Delanaye (Liège, Belgium)

**Assessing the nutritional status of my CKD patient** -25 minutes + 5 minutes QA

Denis Fouque (Lyon, France) (confirmed)

**The emerging role of biomarkers in glomerulonephritis** -25 minutes + 5 minutes QA

Richard Glassock (Los Angeles, USA) (confirmed)

**Biomarkers are necessary for the management of Acute Kidney Injury** -50 minutes + 10 minutes QA

Pro: Claudio Ronco (Vicenza, Italy) (confirmed)

Con: Mikael Darmon (Saint Etienne, France) (confirmed)

**10:30 am - 11:00 am** Coffee break

**11:00 am - 1:30 pm**

**Moderators**

Denis Fouque (Lyon, France) and Etienne Cavalier (Liège, Belgium)

**The expanding world of bone biomarkers** -25 minutes + 5 minutes QA

Jean-Claude Souberbielle (Paris, France) (confirmed)

**Exploring the bone-vascular axis** -25 minutes + 5 minutes QA

Jean-Paul Cristol (Montpellier, France) (confirmed)

**Vascular calcifications and biomarkers: focus on vitamin K** -25 minutes + 5 minutes QA

Georg Schlieper (Aachen, Germany) (confirmed)

**Indoxyl sulphate and p-cresyl sulphate: robust risk biomarkers linking diet to poor cardiovascular and renal outcomes** -25 minutes + 5 minutes QA

Peter Evenepoel (Leuven, Belgium) (confirmed)

**New insights on phosphate and middle molecules as CV biomarkers in CKD** -25 minutes + 5 minutes QA

Ziad Massy (Paris, France) (confirmed)

**1:30 – 2.00 pm**

**Conclusions of the seminar**

Denis Fouque (Lyon, France)

**“Meet the experts session”**