

# Stago Webinar



## Save the dates

-  Thursday April 20<sup>th</sup>, 2017 – 2:00 pm (UTC)
-  Friday April 21<sup>st</sup>, 2017 – 7:00 am (UTC)

**Microparticles: an emerging biomarker  
with multifaceted clinical indications**

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This 30-minute presentation will be followed by a 15-minute live chat with the speakers

Since the first description of “platelet dust” by Wolf in 1976, the knowledge about origin and functions of microparticles is increasing impressively.

Microparticles are small vesicles from multiple cellular origin (platelets, leucocytes, red blood cells, endothelial cells...) which circulate in the blood. They generally size between 0.1 and 1.0 micrometers and express membrane receptors, mRNA and biological activities representative of their parental cells. Beside efforts to better standardize their measurement, microparticles have been found to have widespread potential applications in clinical practice as their formation represents a patho-physiological phenomenon in the course of cell activation or apoptosis. A wide spectrum of clinical situations including inflammation, autoimmune diseases, atherosclerosis, and malignancy has been associated with a significant increase of circulating microparticles. Consequently, microparticles could be part of diagnosis and prognosis evaluation test panel in the future.

During this webinar, clinicians, clinical pathologists, PhDs, and clinical laboratory staff will have the opportunity to update their knowledge on blood microparticles, from their formation mechanisms to the methods for measuring it and their potential uses in clinical practice.



Prof. Françoise Dignat-George is the head of the Hematology department and of the Vascular Research Centre of Aix Marseille University. She has a long-standing expertise on Vascular Biology, Hemostasis and Thrombosis, with a great interest in Patient oriented/translational applications. Her research focuses on endothelial lesion versus regeneration mechanisms and the translation of these knowledge to the development of biomarkers of vascular risk and cell-based emergent therapeutics for regenerative medicine.

Françoise Dignat-George created the ISTH Scientific Subcommittee on Vascular Biology. She belongs to the editorial board of several high-ranking journals. She authored more than 300 publications and holds 10 patents in the field of Vascular Biology and Hemostasis. Her contribution to scientific research has been recognized by several scientific distinctions such as John Ugelstat Award, The Foundation for Medical Research Award and “le Grand Prix de l’Académie de Pharmacie”.



Dr Romaric Lacroix completed a Pharmaceutical and Medical Biology educational and training doctoral programme at Aix-Marseille University in 2007 (1998-2007). During his PhD, he described the plasminogenolytic activities of microvesicles (MVs) (2007-2011) and made a post-doctoral experience (2007-2008) in Prof. Furie’s lab in Harvard Medical School (Boston).

Dr Lacroix is an expert on flow cytometry analysis for detection and measurement of MVs and focuses his research programme on the role of MVs in Haemostasis. He coordinated several MVs studies of the SSC subcommittee “Vascular Biology” of the ISTH. He published 32 indexed publications (h-index = 19) and gave 20 invited international communications focused on MVs (E. Mannen Young Investigator Award 2012).



At the Heart of Haemostasis

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