

## **Abstract of Presentation**

**Presentation Title:**

Is the CD43 molecule as a potential therapeutic target?

**Abstract:**

CD43 is an abundant cell surface protein, expressed on nearly all lineages of hematopoietic cells. Interestingly it is also expressed on normal and tumor epithelial cells. Multiple, and sometimes opposite functions, have been attributed to CD43: adhesion and anti-adhesion, locomotion, cellular activation, differentiation, proliferation and apoptosis. We will summarize recent developments in our understanding of the role this molecule plays in different cell types. In particular, we will illustrate the role of CD43 as a T cell accessory molecule, capable of generating intracellular signals, independently of or in coordination with the TCR, actively modulating T cell response. In addition, we will review new functions for this molecule, in non-immune cells..