

## SEMINAR NOTICE



December 13, 2024



12:30



Room A (Building CU010)

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### Prof. Muller Fabbri

Children's National Hospital and George Washington University (USA)



## Role of Extracellular microRNAs in the biology of the Tumor Microenvironment

MicroRNAs (miRs) are small non-coding RNAs which regulate gene expression at the post-transcriptional level. Their dys-regulation has been observed in all types of cancer and, more broadly, in several human diseases. Extracellular Vesicles (EVs) are membrane-coated particles released by all cells, including cancer cells and are involved in inter-cellular communication. This seminar will highlight the role of miRs as cargo of EVs in shaping the tumor microenvironment, contributing to the growth and dissemination of cancer, as well as their potential therapeutic role, as powerful anticancer molecules released by Natural Killer (NK) cells.



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