

"Working together for a green, competitive and inclusive Europe"

The Education, Scholarships, Apprenticeships and Youth Entrepreneurship Programme (ESAYEP) Financed by the EEA Financial Mechanism 2014-2021 FLOW No. 21-COP-0034

Continuous Flow Interchange of Communication and Knowledge in Biomedical University Research – FLOW

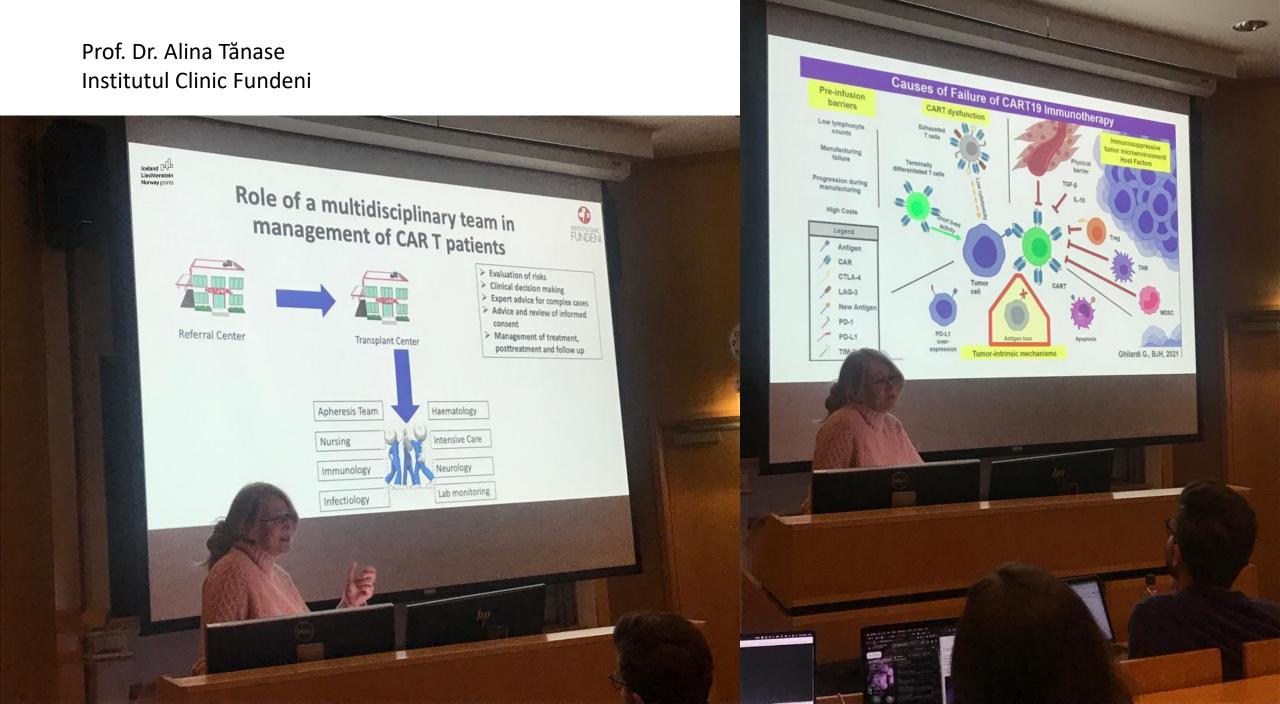
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- Rasmus Iversen, PhD
- Fishing out disease-relevant B cells from blood
- Researcher at the Department of Immunology, UIO

























Coffee break and Discussions

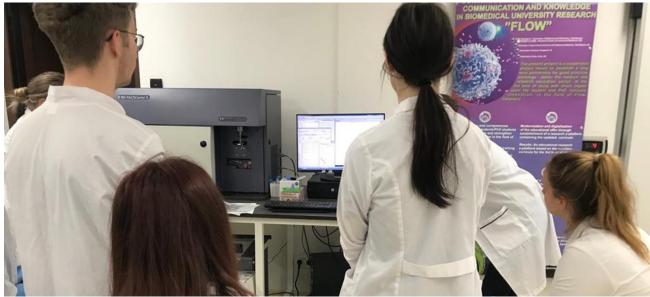




The FC used in cell sorting

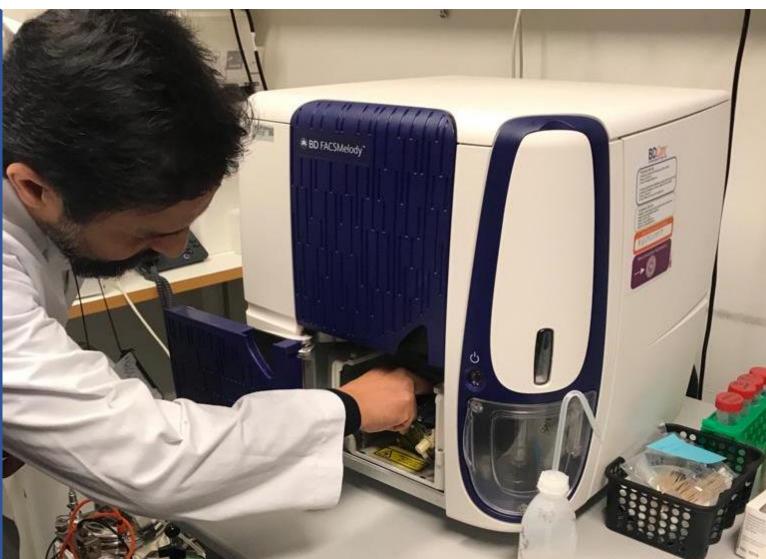




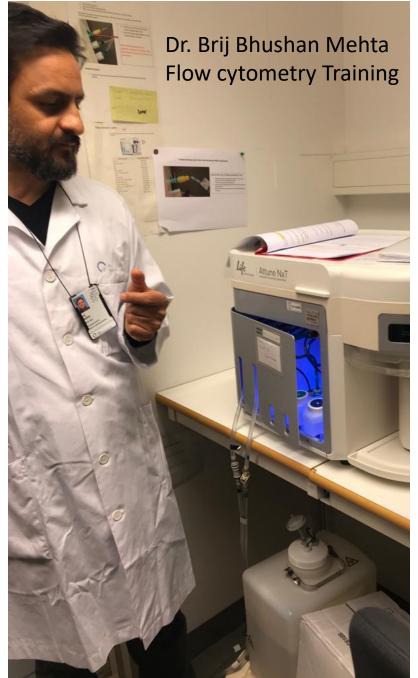


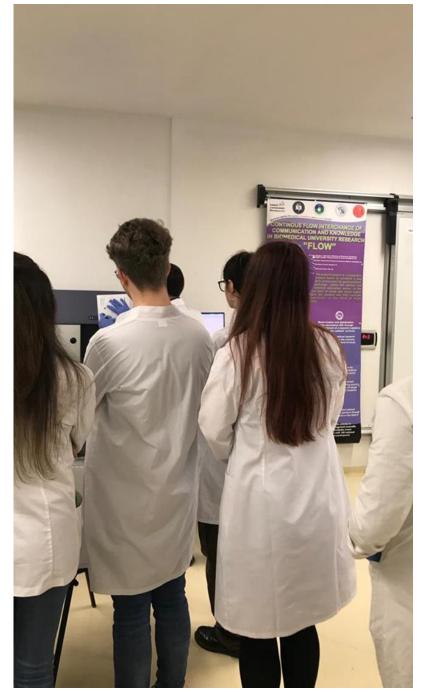


The FC Lasers and Fluidics



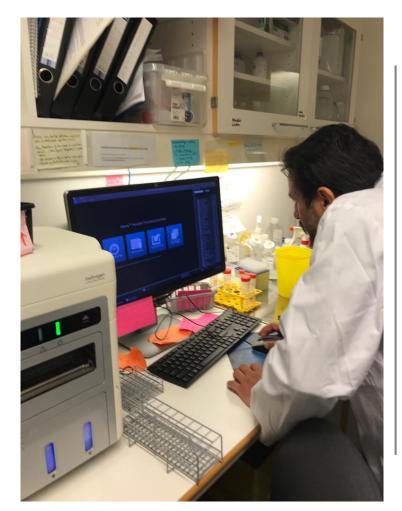


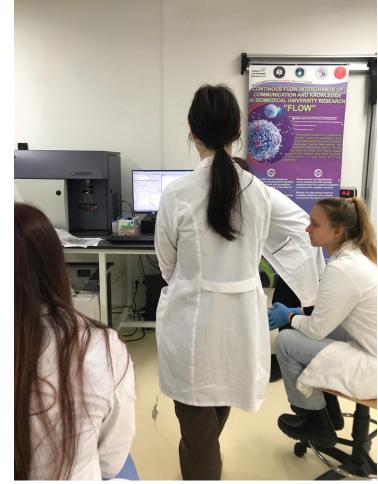




Diva software for analising Flow Cytometry data









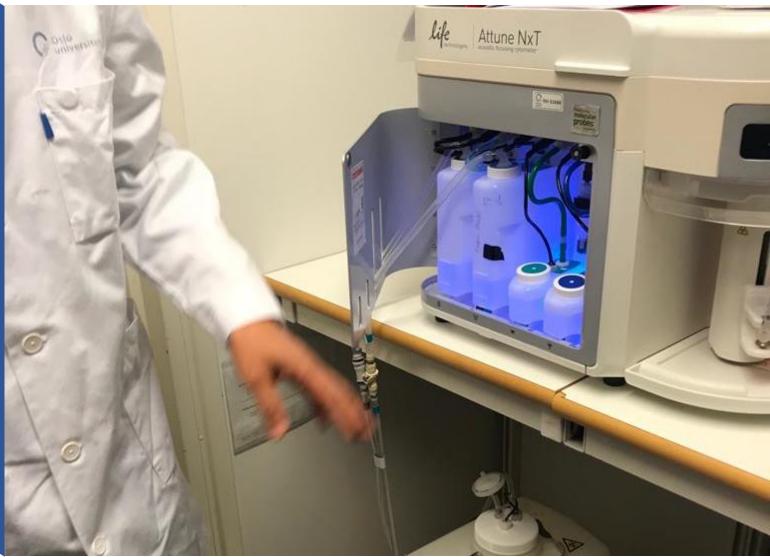
Preparation of blood samples for FC







Fluidics System of a Flow Cytometer



Human Hematopoietic Stem and Projenitor Cell Phenotypes



Immunostaining with specific antibodies



The SOPs were printed and handed to each one of the students during training

Students following the working protocols for FC imunostaining







Agenda of the short-term mobility of UMPh and UASVM students/PhD students for transnational learning at University of Oslo March 29th – April 2rd, 2023

| Date | Time | Agenda Activity | Location |
|------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Wednesday, March 29 th , 2023 | - | Travel and arrival of the participants | - |
| Thursday, March 30 th , 2023 | 13.00-17.00 | Workshop: Applications of flow cytometry in biomedical research | Grønt Auditorium, Oslo University Hospital Rikshospitalet |
| Friday, March 31 st , 2023 | 9.00-13.00 | Practical training session: cytometer start-up and shutdown, calibration, choice of appropriate study design and fluorochromes, compensation of fluorochromes. | Laboratory for Computational and Systems Immunology, University of Oslo, Flow cytometry unit |
| | 13.00-14.00 | Lunch break | - |
| | 14.00-18.00 | Practical training session: applications of flow cytometry in biomedical research: analysis of blood and bone marrow samples | Laboratory for Computational and Systems Immunology, University of Oslo, Flow cytometry unit |
| Saturday, April 1 st , 2023 | 9.00-13.00 | Practical training session: applications of flow cytometry in biomedical research: analysis of cell culture samples | Laboratory for Computational and Systems Immunology, University of Oslo, Flow cytometry unit |
| | 13.00-14.00 | Lunch break | - |
| | 14.00-18.00 | Practical training session: applications of flow cytometry in biomedical research: processing and analysis of compact tissue samples | Laboratory for Computational and Systems Immunology, University of Oslo, Flow cytometry unit |
| Sunday, April 2 nd , 2023 | - | Free time/Departure of the participants and travel | - |