

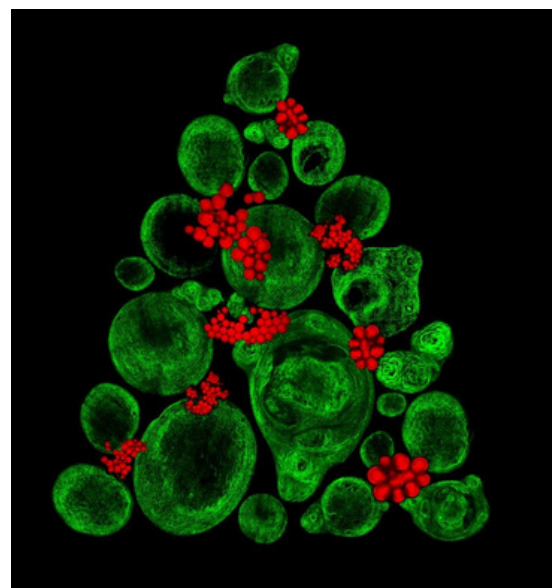
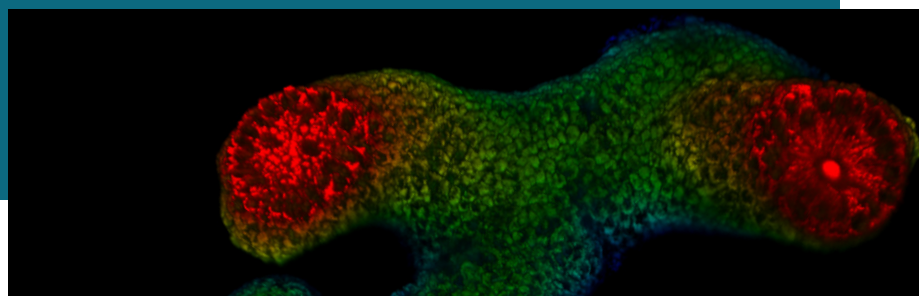
# NEWSLETTER

[WWW.FLIMAGIN3D.COM](http://WWW.FLIMAGIN3D.COM)



## flIMAGIN3D

Tuesday the 19th December, 2023



## flIMAGIN3D

The scientific objective of flIMAGIN3D is to synergistically evolve key aspects in FLIM imaging across disciplines by advancing the acquisition of FLIM data and the analysis pipeline, by developing improved platforms that facilitate imaging for a wide range of (bio)medical, chemical and biophysical applications, and by advancing the state-of-the-art in FLIM biosensors.

Through real-world biological and biomedical research lines across the partners we can showcase the validity and power of our developments and unify in streamlining FLIM as an accessible and robust tool.

### Top News

#### Network Wide Event



19th-20th February 2024



Trinity College Dublin

### Interesting fact

#### Maria Goeppert Mayer

Theoretical physicist, and Nobel laureate in Physics for proposing the nuclear shell model of the atomic nucleus. She was the second woman to win a Nobel Prize in physics.



She participated in the Manhattan Project, where she researched the chemical and thermodynamic properties of uranium hexafluoride and investigated the possibility of separating isotopes by photochemical reactions. This method proved impractical at the time, but the development of lasers would later open the possibility of separation of isotopes by laser excitation.

A graduate of the University of Göttingen, Goeppert Mayer wrote her doctoral thesis on the theory of possible two-photon absorption by atoms. At the time, the chances of experimentally verifying her thesis seemed remote, but the development of the laser in the 1960s later permitted this. Today, the unit for the two-photon absorption cross section is named the Goeppert Mayer (GM) unit.



This project has received funding from the European Union's Horizon 2021 doctoral network programme under the Marie Skłodowska-Curie grant agreement No. 101073507



# WELCOME TO OUR

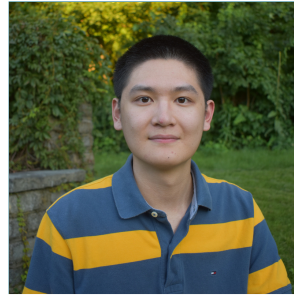
## DOCTORAL RESEARCHERS



Sara Corbezzolo  
Trinity College Dublin



Annalisa Rovinelli  
Trinity College Dublin



Guangcheng Wang  
Trinity College Dublin



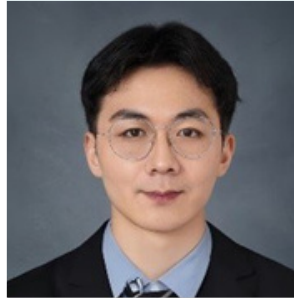
Teresa Baldissera  
University of Tübingen



Michele Cervellera  
Ghent University



Gabriele Ferrari  
Ghent University



Hang Zhou  
Ghent University



Srijan Chakraborty  
Polytechnic Milano



Dinesh Beniwal  
King's College London



Görkem Sabriye Ülkâr  
King's College London



Rishi Harkose  
University of Copenhagen



Giulia Zanetti  
Netherland Cancer Institute






# PRINCIPAL INVESTIGATORS




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Trinity College Dublin  
Coordinator




**Ruslan Dmitriev**  
Ghent Univerity  
Coordinator



**Mimi Zhang**  
Trinity College Dublin




**Katja Schenke-Layland**  
University of Tübingen




**Julia Marzi**  
University of Tübingen



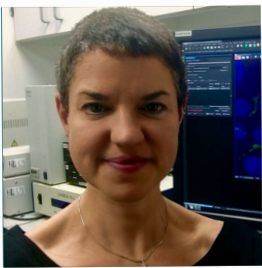
**Emanuela Jacchetti**  
Polytechnic of Milan



**Manuela Teresa Raimondi**  
Polytechnic of Milan



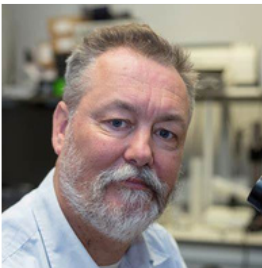
**Michael Kühl**  
University of Copenhagen



**Maddy Parsons**  
Kings College London



**Simon Ameer-Beg**  
King's College London



**Kees Jalink**  
Netherland Cancer Institute

# BENEFICIARIES & PARTNERS





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# KICK OFF MEETING



22ND JUNE 2023



DUBLIN, IRELAND



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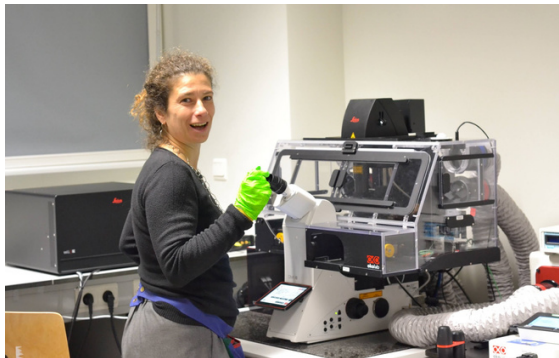
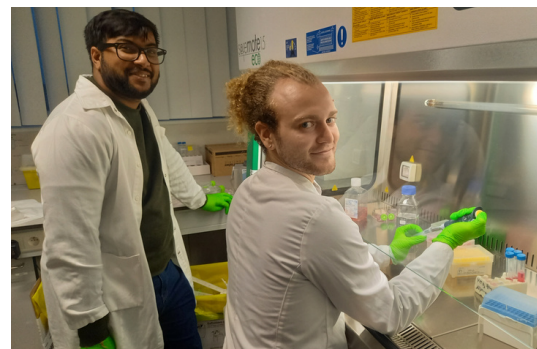



# CHRISTMAS UPDATE

## BIOENGINEERING TOOLS FOR MECHANOBIOLOGY INVESTIGATIONS

 GHENT UNIVERSITY

The team from POLIMI performed some pilot experiments as part of the FLIMagin3d project, concerning the study of the modulation of the metabolism of tumour cells grown in 3D substrata produced by polimi and investigated with the Ruslan's powerful knowledges and probes.



## BIO BRILLOUIN CONFERENCE

 9TH, 10TH, 11TH DECEMBER 2023

 TRINITY COLLEGE DUBLIN

Annalisa & Sara (TCD) participated in the International BioBrillouin Society Meeting.

