



# NEWSLETTER

ISSUE 6



## 2024 INTEC Summer school - registration is open!

This year our Summer school will be organized by the team of Daniela Quaglino in **Modena, Italy**. This event will be organized on **July 1-3, 2024**, with a focus on proteomics of calcifying tissues.

We warmly welcome interested PhD students and Postdocs to join us in Modena. For members of INTEC, the participation to this summer school will be reimbursed. Registration can be done on <https://www.itnintec.com/summer-schools/>

See you there!

## 2024 INTEC summer school on proteomics

During this Summer school we will explore the techniques, the instrumentation and the application of the study of **proteomes** to better understand the process of pathologic calcifications. **Metabolomics** and **lipidomics** will be also addressed and included in the program. Furthermore, one session will be entirely dedicated to the **analysis and interpretation of data**. The course is dedicated to those who are interested in approaching these techniques or to those who have already some experiences and are looking for further information in the context of ectopic calcification.

These courses are open to PhD students and early postdoctoral fellows. The teaching language is English, in which all participants must be fluent. **Timely registration is mandatory as available places are limited (max. 10 participants!).**

Day	Time	Activity
<b>June 30</b>	All day	Arrival
<b>July 1</b>	9.30-11.00	Soft connective tissues and calcification <i>Daniela Quaglino</i>
	11.00-11.30	Break
	11.30 – 13.00	Basic principles of proteomics <i>Francesco Demetrio Lofaro</i>
	13.00 – 14.30	Lunch
	14.30 – 16.00	Sample preparation <i>Francesco Demetrio Lofaro</i>
	16.00-16.15	Break
	16.30-18.00	Instruments and sample analysis <i>Filippo Genovese/Diego Pinetti</i>
<b>July 2</b>	9.30-11.00	Software for MS spectra analysis <i>Francesco Demetrio Lofaro</i>
	11.00-11.30	Break
	11.30-13.00	Analysis of results from sample analysis <i>Francesco Demetrio Lofaro</i>
	13.00-14.30	Lunch
	14.30-16.00	Bioanalytical method validation <i>Sven Christian Pawelzik</i>
	16.00.16.15	Break
	16.30-18.00	Metabolomics <i>Sven Christian Pawelzik</i>
20.00	Dinner all together	
<b>July 3</b>	9.30-11.00	Lipidomics <i>Sven Christian Pawelzik</i>
	11.00-11.30	Break
	11.30-13.00	Lipid mediators and vascular calcification <i>Sven Christian Pawelzik</i>
	13.00-14.30	Lunch
	14.30-16.30	Research projects from participants (discussion of poster or of short presentation)
<b>July 4</b>	All day	Departure