UNIVERSITÀ DI PAVIA

UNIVERSITY OF PAVIA

ERASMUS BLENDED INTENSIVE PROGRAMME

SKELETON

FROM NEW RESEARCH TECHNOLOGIES TO THERAPEUTICS

OVERVIEW

A COMPREHENSIVE PROGRAM OFFERING VIRTUAL AND FACE-TO-FACE COMPONENTS.
THE STUDENTS WILL ACQUIRE IN-DEPTH KNOWLEDGE ON STRUCTURE AND FUNCTION OF THE SKELETON. BECOMING FAMILIAR WITH CUTTING EDGE TECHNOLOGIES TO GENERATE IN VITRO AND IN VIVO MODELS FOR SKELETAL DISEASES, SUCH AS GENE TARGETING, CRISPR-CAS AND INNOVATIVE OMICS TECHNIQUES.
FINALLY, STUDENTS WILL GAIN INSIGHTS ON DISEASE MECHANISMS AND THUS NOVEL THERAPEUTIC TARGETS.

MAIN TOPICS

- BONE: EVOLUTIONARY DEVELOPMENTAL BIOLOGY
- MODELLING SKELETAL DISEASES: FROM CELLS TO MAMMALS
- GENETICS AND OMICS IN BONE DISEASES
- INNOVATIVE THERAPY TARGETING BONE SIGNALING PATHWAYS

BENEFITS

- GAIN IN-DEPTH KNOWLEDGE FROM EXPERTS IN THE FIELD.
- COLLABORATE WITH STUDENTS FROM DIFFERENT UNIVERSITIES.
- HANDS-ON EXPERIENCE IN A LABORATORY SETTING.
- EXPLORE THE BEAUTIFUL CITY OF PAVIA.

WHERE

UNIPV: PROF FORLINO/PROF BESIO
UNIGHENT: PROF WITTEN/PROF.DE CLERCQ
UNIPARIS: PROF COHEN-SOLAL/ DR AMELIE COUDERT
UNIBARCELONA: PROF SUSANNA BALCELLS COMAS/PROF RAQUEL RABIONET

WHEN

VIRTUAL PART: JANUARY 2024
IN PRESENCE AT UNIVERSITY OF PAVIA: JUNE 2024

UNIVERSITÀ DI PAVIA
OPEN BADGE

FOR MORE INFORMATION ON THE PROGRAM AND HOW TO APPLY

WWW.INTERNAZIONALE.UNIPV.EU/IT/SKELETON-FROM-NEW-RESEARCH-TECHNOLOGIES-TO-THERAPEUTICS/

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