Regenerative Medicine & Skeleton
Inserm/Nantes-Univ/ONIRIS · UMR 1229-RMeS
Director J. Guicheux / Deputy-Director C. Le Visage

https://rmes.univ-nantes.fr/

Scientific Advisory Board

Steering committee | Laboratory council | Scientific communication committee | Facilities committee | Project initiative | Green Lab committee

RESEARCH SUPPORT TEAM

Administrative division (1.7 FTE)
C. Delbassez

Christophe Delbassez, Ass-Eng Inserm
Sylvie Lequippe , Tech CDD Univ 70%

Budget & Financial division (2 FTE)
XXXX

XXXX, Ass-Eng Univ
Carole Gauthier, Tech CDI Univ 50%
Sophie Salle, Tech CDI Univ 50%

Logistics & Lab management (1.6 FTE)
J. Lesoeur

Julie Lesoeur, Eng Inserm
Christine Caste, Ass-Tech CDD Univ 60%

H&S (0.7 FTE)
Yoan Le Guennec, Prevention Officer
Aleksandra Mieczkowska, Prevention Officer U Angers
François Loll, Prevention Officer
Thierry Rouillon, Radiation Safety Adviser

@rmes-lab.bsky.social

https://urlz.fr/qpqk

REJOINT TEAM
Regeneration and pathophysiology of joints
Coord. J. Guicheux / F. Blanchard (dep.)

Stem cells and axial skeleton development (BIODIV)
Anne Camus, Research Director (DR2 CNRS)

Aging and osteoarthritis pathophysiology (AGE-OA)
Claire Vinatier, Ass-Professor (MCU)

Tendon and synovial pathophysiology (T-SYNO)
Frédéric Blanchard, Research Director (DR2 Inserm)

Immune cells and osteoarthritis personalized therapies (STRATOA)
Marie-Astrid Boutet, Research Scientist (ATIP-AVENIR, CRCN Inserm)

Bio-inspired material concepts (BIOMAX)
Vianney Delplace, Research Scientist (CRCN Inserm)

Hydrogels and joint translational research (HEAL)
Catherine Le Visage, Research Director (DR2 Inserm)

Ethics and Pain in Osteoarticular diseases (E-Pain)
Julien Nizard, Professor (PU-PH)

43 PP / 33 FTE / 14 HDR
- 4 Senior Scientists ; 2 Junior Scientists ; 1 invited scientist; 13 Univ/hosp Researchers
- 7 Post-docs; 11 PhD Students
- 5 Techn. Staff

REGOS TEAM
Regeneration and pathophysiology of bone tissues
Coord. P. Weiss / V. Geoffroy (dep.)

Molecular control of bone aging and regeneration (EPIGEN)
Valérie Geoffroy, Research Director (DR2 Inserm)

Skeleton-muscle-intestine crosstalk and innovative therapeutics (SMILE) Univ-Angers
Guillaume Mabilleau,
Ass-Professor (MCU-PH)

Inflammatory mediators and microenvironment in bone and teeth (INFLAMED)
Alexis Gaudin, Professor (PU-PH)

Scaffolds for maxillo-facial bone augmentation (SAMBA)
Baptiste Charbonnier, Research Scientist (ATIP-AVENIR, CRCN Inserm)

Translational research in calcified tissue regeneration (MATOS)
Pierre Weiss, Professor (PU-PH)

55 PP / 33 FTE / 23 HDR
- 2 Senior Scientists ; 1 Junior Scientist ; 33 Univ/hosp Researchers
- 4 Post-docs ; 12 PhD Students, 1 alternance
- 2 Techn. Staff

TECHNICAL PLATFORMS

Analyse TissuLaire Angers-Nantes (ATLAN) (3,7 FTE)
MA. Boutet -G. Mabilleau

Electron microscopy, & morphohistology -imaging core facility (SC3M)
MA. Boutet, G. Mabilleau (dep.)
Joëlle Véziers , Eng CHU
Yoan Le Guennec, Tech Inserm
Maeva Dutilleul, Tech Inserm 80%

Molecular Histology Angers (HIMOLA)
G. Mabilleau, MA. Boutet (dep.)
Alexandra Mieczkowska, Ass-Eng Univ Angers 50%
Laureline Dubois, tech Univ Angers

Biomaterials, Biofabrication & Biomechanics (BIO³) (1.7 FTE)
B. Charbonnier-V. Delplace
Thierry Rouillon, Eng Univ
François Loll, Eng Inserm

Cell biology, molecular biology, biological characterization and bioinformatics (SC4BIO) (2.8 FTE)
F. Blanchard-F. Jehan
Boris Halgand, Eng CHU
Sophie Allain, Eng Inserm 80%
Marielle Tallegas, Tech CDD Univ

Preclinical & Clinical Transfer unit
F. Nativel, S. Serisier, P. Maitre, A. Fouasson, B. Bouvard
Stéphane Madec, Tech Oniris 30%
Dominique Rouleau, Tech Oniris 30%

≈ 130 people, (≈ 85 full-time equivalent) and ≈ 15 M2 training ; HCERES Wave B ; Pluri-team Inserm – Université de Nantes – ONIRIS

Updated April 2025