CURRICULUM VITAE

RELAIX Frédéric, Ph.D.

Professor, UPEC - Paris Est-Creteil University (UPEC)
Vice-dean for research, faculty of medicine, UPEC
Director, IMRB Team 10 - *Biology of the Neuromuscular system*
Head Group 1 - *Development and Stem cells*
Director, *ESPRY Neuroscience & Psychiatry Department*, IMRB

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Date of Birth : February 9th, 1970, (St Maur, 94, France).

EDUCATION

2013 Habilitation à diriger des recherches, Université Paris-Est
2011 Autorisation Expérimentation Animale.
2005 : Habilitation à l'Experimentation Animale de Niveau 1
1998 : **Ph.D. in Molecular and cellular developmental biology.**
Université Pierre et Marie Curie (PARIS VI). Paris, France.
Cloning and characterization of *Pw1*, a new gene coding for a zinc finger containing protein implicated in p53-mediated apoptosis and TNF pro-inflamatory activity.
(Work done in the laboratory of D.S Sassoon, Mount Sinai School of Medecine, New York).
1994 : **Master's degree** in Molecular and cellular biology. *Université Louis Pasteur.* Strasbourg, France
1993 : **Bachelors' Degree** in biochemistry, *Université Pierre et Marie Curie (PARIS VI).* Paris, France.
1992 : Licence de Biochimie, *Université Pierre et Marie Curie (PARIS VI).* Paris, France.
1991 : DEUG B, *Université Pierre et Marie Curie (PARIS VI).* Paris, France.

ACADEMIC POSITIONS

2014 **Full Professor (PU-PH, CNU section 42-02). Université Paris-Est Creteil**
2006 **INSERM research Director (DR2)**
2004 : **INSERM research associate (CR1)**
2000 : **INSERM research associate (CR2)**

RESEARCH EXPERIENCE

2019- **Professor of medicine, UPEC – Université Paris Est Creteil**
Vice-dean for research, faculty of medicine, UPEC
Director of the team Biology of the neuromuscular system
IMRB – INSERM – UPEC. Creteil Henri Mondor School of Medicine, Creteil, France.

2015-2018 **Professor of medicine, UPEC – Université Paris Est Creteil**
Director of the ESPRY research department, IMRB research center
Director of the team Biology of the neuromuscular system
IMRB – INSERM – UPEC. Creteil Henri Mondor School of Medicine, Creteil, France.

2014 **DR2 INSERM. Avenir Team Leader, Mouse Molecular Genetics group**
UMR S 974 – CDR Myologie, INSERM – UPMC-Paris VI – Institut Myologie
Faculté de Médecine Pitié-Salpétrière, 75013 Paris, France

2006- 2013 : **DR2 INSERM. Avenir Team Leader, Mouse Molecular Genetics group**
UMR S 787 – Groupe Myologie, INSERM – UPMC-Paris VI – Institut Myologie
Faculté de Médecine Pitié-Salpétrière, 75013 Paris, France

2004-2006 : **CR1 INSERM.** Supervisor : Margaret Buckingham. Pasteur Institute. Paris, France.

2000-2004 : **CR2 INSERM.** Supervisor : Margaret Buckingham. Pasteur Institute. Paris, France.

1998-2000 : **Post-doctoral fellow.** Supervisor : Pr. Margaret Buckingham.
Pasteur Institute. Paris, France. Pax3 and Pax7 genes functions during mouse myogenesis

1995-1997 : **Ph. D. thesis**. Supervisor : Pr. David Sassoon,
Brookdale Center for Molecular Biology, The Mount Sinai Medical School, New York, USA.
Cloning and characterization of Pw1, a new gene coding for a zinc finger containing protein implicated in p53-mediated apoptosis and TNF pro-inflamatory activity.

1993-1994 : **DEA thesis** : Pr. Pierre Remy. Supervisor Pr. P. Remy.
CNRS UPR 9005, "MMDCD", IBMC, 15 rue R. Descartes, 67000 Strasbourg, france.
Study of 2 new POU domain transcription factors during CNS development in *Xenopus*.

EDITORIAL ACTIVITIES

Member of the editorial Board of *Journal of Developmental Biology*
Member of the editorial Board of *Stem Cell Investigation (SCI)*
Member of the editorial Board *of Molecular and Structural Endocrinology*, a specialty of Frontiers in Endocrinology
Member of the editorial board of *Journal of Embryology & Developmental Biology*
Member of the editorial board of *NPJ regenerative medicine* journal
Member of the editorial board of *Skeletal Muscle* journal
Member of the editorial board, *Current Gene Therapy* journal
2019 - Guest Reviewing Editor, *eLife*
2018 – Guest editor *Journal of Developmental Biology* special issue - Conserved and Divergent Mechanisms Regulating Muscle Development and Regeneration
2015 - Guest editor *Seminars in Cell & Developmental Biology* - Pax transcription factors

AWARDS

2015 - Invited Professor *Edith Cowan University***,** Perth, Australia
2015 - Scientific Organisator, 19e journées du Collège des Histologistes Embryologistes Cytogénéticiens Institut Pasteur, Paris, France
2014 - Co-organisator of EMBO Myogenesis 2014 meeting, Lecce, Italy
2006 - INSERM AVENIR program laureate
2006 - Scientific Prize from **LA LIGUE DES YVELINES.**
2000 - Fellowship from **La Fondation pour la Recherche Médicale**.
1999 - Fellowship from **l'Association Française contre les Myopathies**.
1998 - Fellowship from **La Ligue contre le Cancer**.

STUDENT TRAINING

1997-1998 : **Ellen Yang**, Ph.D. student**,** Study on TNFalpha inhibition of skeletal myogenesis through a PW1-dependent pathway by recruitment of caspase pathways

2003-2008 : **Mounia Lagha**, Paris VI Ph.D. student (co-directed with M. Buckingham).
Identification and analysis of Pax3 targets during murine myogenesis.

2007-2012: **Jessica Morais**, Paris VI Ph.D. student.
Identification and analysis of new factors involved in the acquisition of stem cell properties by muscle progenitor cells in the mouse.

2009-2014 : **Antoine Zalc**, Paris VI PhD Student. MyoGrad Network
Pax3/7 function and downstream networks in cranio-facial development

2012-2016 : **Despoina Mademtzoglou**, Paris VI PhD Student. MyoGrad Network.
Cell cycle regulation in myogenic stem cells

2015- 2019: **Zeynab Koumaiha**, UPEC PhD Student. MyoGrad Network

	Regulation of muscle stem cells by systemic alterations in Obesity
2015-2019:	**Aurore Besse**, UPEC PhD Student, Co-directed with Martine Barkats AAV-based therapy for SMA
2015-2019:	**Jordan Mecca**, UPEC PhD Student, Co-directed with Martine Barkats Role of SMN in skeletal muscle satellite cells.
2016-2019:	**Leo Machado**, UPEC PhD Student**.** REVIVE Labex consortium Molecular regulation of epigenetic landscape during early muscle stem cell activation
2018- :	**Reem Abou Akar**, UPEC PhD Student. MyoGrad Network Deciphering Pax3 function in Myogenic Specification
2018- :	**Stamatia Gioftsidi**, UPEC PhD Student. FRM funding Molecular aspects of muscle stem cell quiescence establishment.

RESEARCH EVALUATIONS ACTIVITIES

Vice-dean for research, faculty of medicine, UPEC

Labex REVIVE steering committee member

Member of année recherche 2018 jury, Paris Descartes Faculty of médecine

Member Scientific Committee Magistère Européen de Génétique des Universités Paris Diderot et Paris Descartes

Member of HCERES committee for GReD research center, Clermont-Ferrand, France (01/2016).

Elected member of INSERM CSS2 (Genetics, development, oncogenesis, angiogenesis, muscle and aging).

Selection committees for Excelence chairs INSERM-University

Reviewer for scientific journals : Nature, Cell Stem Cell, Cell Metabolism, Science, Dev Cell, Cell Reports, Genes and Dev., e-Life, J. Cell Biol., JCI, EMBO J., Dev. Biol., Molecular Basis of Disease, Nat Ecol Evol, EMBO J., Nature Comm, Skeletal Muscle, PNAS, Oncogene, Genomics, Development, Gene, Transgenic Res., Exp. Cell Res., Genesis, J. Morphology, JMB, Mol Rep Dev, Skeletal Muscle, Pigment Cell Mel Res, Differentiation, etc

Reviewer for project grants : AFM, ANR, COFUB, GACR, FDG, AICR, E-RARE, NMRC, PHRC, BQR, EMERGENCE, AXA, Agence biomédecine, ICS

PATENTS AND RESEARCH VALORIZATION

Co-author of patent WO 2006/011061 PCT/IB2005/002561 : Isolated muscle satellite cells, use thereof in muscle tissue repair and method for isolating said muscle satellite cells.

Co-author of patent EP11305402.7. PCT/EP2012/056361 : Identification of a specific skeletal muscle regulatory element

Co-author of patent FR 17 56222 du 30 juin 2017 Procédé de production de progéniteurs érythroïdes.

PUBLICATIONS (89 publications, 5705 citations, H-index 35)

Der Vartanian, A., Quétin, M., Michineau, S., Auradé, F., Hayashi, S., Dubois, C., Rocancourt, D., Drayton-Libotte, B., Szegedi, A., Buckingham, M., Conway, S.J., Gervais, M., **Relaix, F**.* (2019) PAX3 controls the adaptive response of skeletal muscle stem cells to environmental stress. **Cell Stem Cell**, *in press*

Taglietti V, Angelini G, Mura G, Bonfanti C, Caruso E, Monteverde S, Le Carrou G, Tajbakhsh S, **Relaix** F, Messina G. (2018) RhoA and ERK signalling regulate the expression of the transcription factor Nfix in myogenic cells. **Development** 2018 29;145(21). pii: dev163956. doi: 10.1242/dev.163956.

Morgan JE, Prola A, Mariot V, Pini V, Meng J, Hourde C, Dumonceaux J, Conti F, **Relaix F**, Authier FJ, Tiret L, Muntoni F, Bencze M. (2018) Necroptosis mediates myofibre death in dystrophin-deficient mice. **Nat Commun**. *2018 Sep 7;9(1):3655. doi: 10.1038/s41467-018-06057-9.*

Mademtzoglou D, Asakura Y, Borok M, Alonso-Martin S, Mourikis P, Kodaka Y, Mohan A, Asakura A and **Relaix F.** (2018) Cellular localization of the cell cycle inhibitor Cdkn1c controls growth arrest of adult skeletal muscle stem cells. **Elife**, *in press*

Alonso-Martin S, Auradé F, Mademtzoglou D, Rochat A, Zammit PS, **Relaix F**. (2018) SOXF factors regulate murine satellite cell self-

renewal and function through inhibition of β-catenin activity. **Elife**. 2018 Jun 8;7. pii: e26039. doi: 10.7554/eLife.26039.

Baghdadi, M., Castel, D., Machado, L., Fukada, S.I., Birk, D .E., **Relaix, F.**, Tajbakhsh, S. and Mourikis, P. (2018). Notch/CollagenV/CalcR reciprocal signalling retains muscle stem cells in their niche. **Nature**, *in press*

Relaix, F*. and Machado, L. (2018) Waking up muscle stem cells: PI3K signalling is ringing. **EMBO J.** *Mar 26. pii: e99297. doi: 10.15252/embj.201899297.* [Preview] (*corresponding author)

Machado, L., Esteves de Lima, J., Fabre, O., Proux, C., Legendre, R., Szegedi, A., Varet, H., Ingerslev, L., Barrès, R., **Relaix, F*.** and Mourikis, P. (2017) In situ fixation redefines quiescence and early activation of skeletal muscle stem cells, **Cell Reports**, *21(7)1982-1993* doi: 10.1016/j.celrep.2017.10.080 (*corresponding author)

Vallecillo-García P, Orgeur M, Vom Hofe-Schneider S, Stumm J, Kappert V, Ibrahim DM, Börno ST, Hayashi S, **Relaix F**, Hildebrandt K, Sengle G, Koch M, Timmermann B, Marazzi G, Sassoon DA, Duprez D. and Stricker S. (2017) Odd skipped-related 1 identifies a population of embryonic fibro-adipogenic progenitors regulating myogenesis during limb development. **Nat Commun**. 8(1):1218. doi: 10.1038/s41467-017-01120-3.

Banerji, C., Panamarova, M., Hebaishi, H., White, R.B., **Relaix, F.**, Severini, S. and Zammit, P.S. (2017) PAX7 target genes are globally repressed in skeletal muscle in Facioscapulohumeral muscular dystrophy, **Nat Com**, *(8):2152* doi: 10.1038/s41467-017-01200-4

Stantzou A, Schirwis E, Swist S, Alonso-Martin S, Polydorou I, Zarrouki F, Mouisel E, Beley C, Julien A, Le Grand F, Garcia L, Colnot C, Birchmeier C, Braun B, Schuelke M, **Relaix F**, and Amthor H. (2017) BMP signaling regulates satellite cell dependent postnatal muscle growth. **Development** *144: 2737-2747*

Gard C, Gonzalez-Curto G, Frarma YE, Chollet E, Duval N, Auzié V, Auradé F, Vigier L, **Relaix** F, Pierani A, Causeret F, Ribes V. (2017) Pax3- and Pax7-mediated Dbx1 regulation orchestrates the patterning of intermediate spinal interneurons. **Dev Biol**. *S0012-1606(16)30608-X. doi: 10.1016/j.ydbio.2017.06.014.*

Mademtzoglou, D., Alonso-Martin, S., Chang, T.H.T., Bismuth, K., Drayton-Libotte, S., Aurade, F., **Relaix, F.** (2017) A p57 conditional mutant allele that allows tracking of p57-expressing cells. **Genesis.** *55(4). doi: 10.1002/dvg.23025.*

Mademtzoglou, D. and **Relaix, F.** (2017) Formation and stem cells of skeletal muscle ; **Internal Medicine.** *In press* [review]

Scionti, I., Hayashi, S., Mouradian, S., Girard, E., Lima, J., Morel, V., Simonet, T., Wurmser, M., Maire, P., Ancelin, K., Metzger, D., Schuele, R., Goillot, E., **Relaix,** F. and Schaeffer, L. (2017). LSD1 controls the timely MyoD expression via MyoD Core Enhancer transcription ; **Cell Reports.** *18(8):1996-2006. doi: 10.1016/j.celrep.2017.01.078.*

Hayashi, S., Manabe, I., Suzuki, Y., **Relaix,** F. and Oishi, Y. (2016). Klf5 regulates muscle differentiation by directly targeting muscle-specific genes in cooperation with MyoD in mice. **ELife** Oct 15;5. 10.7554/eLife.17462.

Naldaiz-Gastesi, S., Goicoechea, M., Alonso-Martín, S., Aiastui, A., López-Mayorga, M., García-Belda, P., Lacalle, J., San José, C., Arauzo-Bravo, M.J., Trouilh, L., Anton-Leberre, V., Herrero, D., Matheu, A., Bernad, A., García-Verdugo, J.M. Carvajal, J.J., **Relaix, F**., Lopez de Munain, A., García-Parra, P. and Izeta, A. (2016) Identification and characterization of the dermal Panniculus carnosus muscle stem cells. **Stem Cell Report.** *7 : 411–424*

Alonso-Martin, S., Rochat, A., Mademtzoglou, D., Morais, J., De Reynies, A., Auradé, F., Chang, T., Zammit, P.S. and **Relaix F.** (2016) Gene expression profiling of muscle stem cells identifies novel regulators of postnatal myogenesis. **Frontiers Cell Dev Biol**. *4 : 58*

Mourikis, P. and **Relaix, F.** (2016). Activated Muscle Satellite Cells Chase Ghosts. **Cell Stem Cell.** 18(2) :160–162. (Preview)

Zalc, A., Rattenbach, R., Auradé, F., Cadot, B. and **Relaix, F.** (2015). Pax3 and Pax7 play essential safeguard functions against environmental stress-induced birth defects. **Developmental Cell.** 33(1):56-66

Buckingham, M. and **Relaix, F.** (2015). PAX3 and PAX7 as upstream regulators of myogenesis. **Semin Cell Dev Biol**. 44 : 115-125 (Review)

Relaix F. Pax genes: Master regulators of development and tissue homeostasis. (2015). **Semin Cell Dev Biol.** 44 : 62-63. (Preview)

Chal, J., Oginuma, M., Al Tanoury, Z., Gobert, B., Sumara, O., Hick, A., Bousson, F., Zidouni, Y., Mursch, C., Moncuquet, P., Moncuquet, P., Tassy, O., Vincent, S., Miyanari, A., Bera, A., Garnier, J.M., Guevara, G., Hestin, M., Kennedy, L., Hayashi, S., Drayton, B., Cherrier, T., Gayraud-Morel, B., Gussoni, E., **Relaix, F.**, Tajbakhsh, S. and Pourquie, O. (2015). Differentiation of pluripotent stem cells to muscle fiber to model Duchenne muscular dystrophy. **Nature biotechnology** 33, 962-969.

Kostallari, E., Baba-Amer, Y., Alonso-Martin, S. Ngoh, P., **Relaix, F.,** Lafuste, P. and Gherardi R.K. 2015. Pericytes in the myovascular niche promote post-natal myofiber growth and satellite cell quiescence. **Development**, *142(7):1242-53.*

Smeriglio, P., Alonso-Martin, S., Masciarelli, S., Madaro, L., Iosue, I., Marrocco, V., **Relaix, F.,** Fazi, F., Marazzi, G., Sassoon, D.A. and

Bouché, M. (2015). Phosphotyrosine phosphatase inhibitor bisperoxovanadium endows myogenic cells with enhanced muscle stem cell functions via epigenetic modulation of Sca-1 and Pw1 promoters. **FASEB J**. *30 : 1-12.*

Abou-Khalil, R., Yang, F., Lieu, S., Julien, A., Perry, J., Pereira, C., **Relaix, F.,** Miclau, T., Marcucio, R., and Colnot, C. (2015). Role of muscle stem cells during skeletal regeneration. **Stem Cells** 33, 1501-1511.

Blondelle, J., Ohno, Y., Gache, V., Guyot, S., Storck, S., Blanchard-Gutton, N., Barthelemy, I., Walmsley, G., Rahier, A., Gadin, S., Gadin, Maurer, M., Guillaud, L., Prola, A., Ferry, A., Aubin-Houzelstein, G., Demarquoy, J., **Relaix, F.**, Piercy, R.J., Blot, S., Kihara, A., Tiret, L. and Pilot-Storck, F. (2015). HACD1, a regulator of membrane composition and fluidity, promotes myoblast fusion and skeletal muscle growth. **J Mol Cell Biol** 7, 429-440.

Bougerol, M., Aurade, F., Lambert, F.M., Le Ray, D., Combes, D., Thoby-Brisson, M., **Relaix, F**., Pollet, N., and Tostivint, H. (2015). Generation of BAC transgenic tadpoles enabling live imaging of motoneurons by using the urotensin II-related peptide (ust2b) gene as a driver. **PLoS ONE** 10, e0117370.

Zalc, A., and **Relaix, F.** (2015). [Pax3 and Pax7 play essential safeguard functions against environmental stress-induced birth defects]. **Medecine sciences** : M/S 31, 723-725.

Zalc, A., Hayashi, S., Aurade, F., Brohl, D., Chang, T., Mademtzoglou, D., Mourikis, P., Yao, Z., Cao, Y., Birchmeier, C. and **Relaix, F.** 2014, Antagonistic regulation of p57kip2 by Hes/Hey downstream of Notch signaling and mucle regulatory factors regulates skeletal muscle growth arrest. **Development**. *141(14):2780-90*

Mayeuf-Louchart, A., Lagha, M., Danckaert, A., Rocancourt, D ., **Relaix, F.,** Vincent, S.D. and Buckingham, M. 2014, Notch regulation of myogenic versus endothelial fates of cells that migrate from the somite to the limb. **Proc Natl Acad Sci U S A.** *111(24):8844-9.*

Lagha, M., Chang, T., Mayeuf, A., Montarras, D., Rocancourt, D., Kormish, J., Zaret , K., Buckingham ; M. and **Relaix, F**. 2013. Itm2a is a Pax3 target gene, expressed at sites of skeletal muscle formation in vivo. **PLoS ONE,** (*5):e63143*

Relaix, F.*, Demignon, J., Laclef, C., Pujol, J., Santolini, M., Niro, C., Lagha, M., Rocancourt, D., Buckingham, M. and Maire, P. 2013. Six is a key regulator in the Pax/MyoD genetic pathway leading to the onset of myogenesis. **PLoS Genetics**, *9(4):e1003425. (*co-corresponding author)*

Moore, S., Ribes, V., Terriente, J., Wilkinson, D., **Relaix, F.** and Briscoe, J. 2013. Distinct regulatory mechanisms act to establish and maintain Pax3 expression in the developing neural tube. **PloS Genetics,** *9(10):e1003811.*

Abou-Khalil, R., Yang, F., Mortreux, M., Lieu, S., Yu, Y.Y., Wurmser, M., Pereira, C., **Relaix, F.**, Miclau, T., Marcucio R.S. and Colnot, C. 2013. Delayed Bone Regeneration Is Linked to Chronic Inflammation in Murine Muscular Dystrophy. **JBMR**, *29(2):304-15.*

Thuault, S., Hayashi, S., Lagirand-Cantaloube, J., Plutoni, C., Comunale, F., Delattre, O., **Relaix, F.** and Gauthier-Rouvière, C. 2012 P-cadherin is a direct PAX3-FOXO1A target involved in alveolar rhabdomyosarcoma aggressiveness. **Oncogene**, *32(15):1876-87.*

Calhabeu, F., Hayahi, S., Morgan, J.E., **Relaix, F.** and Zammit, P. 2012 Alveolar Rhabdomyosarcoma-associated proteins PAX3/FOXO1A and PAX7/FOXO1A 2 suppress the transcriptional activity of MyoD-target genes in muscle stem cells. **Oncogene.** *32(5):651-62.*

Relaix, F. and Zammit, P. 2012. Satellite cells are essential for skeletal muscle regeneration: the cell on the edge takes centre stage. **Development.** *139(16) :2845-56* [Review]

Djian-Zaouche, J., Campagne, C., Reyes-Gomez, E., Gadin, S., Bernex, F., Louise, A., **Relaix, F**., Buckingham, M., Panthier, J.J., and Aubin-Houzelstein, G. 2012. Pax3GFP, a new reporter for the melanocyte lineage, highlights novel aspects of PAX3 expression in the skin. **Pigment Cell Mel**. *25(5) :545-54*

Havis, E., Coumailleau, P., Bonnet, A., Bismuth, K., Bonnin, M.A., Johnson, R., Fan, C.M., **Relaix,** F., Shi, D.L. and Duprez, D. 2012. Sim2 prevents entry into the myogenic program by repressing MyoD transcription during limb embryonic myogenesis. **Development**, *139(11) :1910-20.*

Ho, A.T., Hayashi, S., Bröhl, D., Auradé, F., Rattenbach, R. and **Relaix, F.** 2011. Neural crest cell lineage restricts skeletal muscle progenitor cell differentiation through Neuregulin1-ErbB3 signaling. **Dev Cell.** *21 : 273-87.*

Hayashi, S., Rocancourt, D., Buckingham, M. and **Relaix, F.** 2011. Lack of *in vivo* functional compensation between Pax family groups II and III in rodents. **Mol. Biol. Evol.** *28(10):2787-98.*

Besson, V., Smerglio, P., Wegener, A., **Relaix, F.,** Nait Oumesmar, B., Sassoon, D.A. and Marazzi, G. 2011. PW1 gene/paternally expressed gene 3 (PW1/Peg3) identifies multiple adult stem and progenitor cell populations. **Proc Natl Acad Sci U S A.** *108(28):11470-5*

Leroux-Berger, M., Queguiner, I., Maciel, T. T., Ho, A., **Relaix, F.** and Kempf, H. 2011. Pathological calcification of adult vascular smooth muscle cells differs upon their crest or mesodermal embryonic origin. **J Bone Miner Res.** *26(7):1543-53.*

Relaix, F. and Tajbakhsh, S. 2011. Du développement à la régénération du muscle squelettique. **Biofutur.** *In Press* [Review – French]

Mayeuf, A. and **Relaix, F.** 2011 [Notch pathway : from development to regeneration of skeletal muscle.] **Médecine/science.** *In Press* [Review – French]

Goupille, O., Pallafacchina, G., **Relaix**, F., Conway, S.J., Cumano, A., Robert, B., Montarras, D., and Buckingham, M. 2011. Characterization of Pax3-expressing cells from adult blood vessels. **J Cell Sci.** *124(Pt 23):3980-8*.

Bismuth, K. and **Relaix, F.** 2010. Genetic regulation of skeletal muscle development. **Exp Cell Res.** *316(18)* :3081-6. (review).

Lagha, M., Sato, T., Regnault, B., Cumano, A.D., Zuniga, A., Licht, J., **Relaix, F.** and Buckingham, M. 2010. Transcriptome analyses based on genetic screens for Pax3 myogenic targets in the mouse embryo. **BMC Genomics.** *11(1)* :696.

Lagha, M., Brunelli, S., Messina, G., Cumano, A., Kume, T., **Relaix, F.*** and Buckingham, M.E.* 2009 *Pax3 :Foxc2* reciprocal repression in the somite modulates luscular versus vascular cell fate choice in multipotent progenitors. **Dev Cell.** *17(6):*892-9. (*co-senior author)

Kahn, J., Shwartz, Y., Blitz, E., Krief, S., Sharir, A., Breitel, D. A., Rattenbach, R., **Relaix, F.**, Maire, P., Rountree, R.B., Kingsley, D.M. and Zelzer, E. 2009. Muscle contraction is necessary to maintain joint progenitor cell fate. **Dev Cell.** *16*, 734-743.

Amthor, H., Otto, A., Vulin, A., Rochat, A., Dumonceaux, J., Garcia, L., Mouisel, E., Hourdé, C., Macharia, R., Friedrichs, M., **Relaix, F.**, Zammit, P.S., Matsakas, A., Patel, K., Partridge, T. 2009. Muscle hypertrophy driven by myostatin blockade does not require stem/precursor-cell activity**. Proc Natl Acad Sci U S A.** *106*, 7479-84

Collins, C.A., Gnocchi, V.F., White, R.B., Boldrin, L., Perez-Ruiz, A., **Relaix, F.**, Morgan, J.E. and Zammit, P.S. 2009. Integrated functions of Pax3 and Pax7 in the regulation of proliferation, cell size and myogenic differentiation. **PLoS ONE.** *4(2):e4475.*

Dude, C.M., Kuan, C.Y., Bradshaw, J.R., Greene, N.D., **Relaix, F.,** Stark, M.R., Baker, C.V. 2009. Activation of Pax3 target genes is necessary but not sufficient for neurogenesis in the ophthalmic trigeminal placode. **Dev Biol.** *15, 314-326*.

Relaix, F. and Marcelle, C. 2009. Muscle stem cells. **Cur Op Cell Biol.** 21 :748-753. (review)

Lagha, M., Sato, T., Bajard, L., Daubas, P., Esner, M., Montarras, D., **Relaix, F.,** and Buckingham, M. 2008. Regulation of Skeletal Muscle Stem Cell Behavior by Pax3 and Pax7. **Cold Spring Harb Symp Quant Biol.** *73*, 307-315. (Review)

Morgan, S.C., Lee, H.Y., **Relaix, F**., Sandell, L.L., Levorse, J.M., and Loeken, M.R. 2008. Cardiac outflow tract septation failure in Pax3-deficient embryos is due to p53-dependent regulation of migrating cardiac neural crest. **Mech Dev.** *125*, 757-767.

Lagha, M., Kormish, J.D., Rocancourt, D., Manceau, M., Epstein, J.A., Zaret, K.S., **Relaix, F.** and Buckingham, M.E. 2008. Pax3 regulation of FGF signaling affects the progression of embryonic progenitor cells into the myogenic program, **Genes Dev.** *22*, 1828-1837.

Morgan, S.C., **Relaix, F.**, Sandell, L.L. and Loeken M.R. 2008. Oxidative stress during diabetic pregnancy disrupts cardiac neural crest migration and causes outflow tract defects. **Birth Defects Res A Clin Mol Teratol.** *82*, 453-463.

Daubas, P., Crist, C.G., Bajard, L., **Relaix, F.,** Pecnard, E., Rocancourt, D. and Buckingham, M. 2008. The regulatory mechanisms that underlie inappropriate transcription of the myogenic determination gene *Myf5* in the central nervous system. **Dev Biol.** *327*, 71-82.

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Faculty of 1000 : recommended.

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Relaix, F, Weng, X, Marazzi, G, Yang, E, Copeland, N, Jenkins, N, Spence, S. E., and Sassoon, D. (1996) Pw1, a novel zinc finger gene implicated in the myogenic and neuronal lineages. **Dev. Biol.** 177, 383-396.

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INVITED ORAL PRESENTATIONS

Meetings:

Jan 25-2019	240th ENMC International Workshop: The involvement of skeletal muscle stem cells in the pathology of muscular dystrophies, Amsterdam, The Netherlands
Oct 13-2018	15th IIM Meeting – Pathogenesis and Therapies of Rare Diseases – Assisi, Italy
Aug 29-2018	AhR meeting 2018, Paris, France
July 09-2018	FASEB Skeletal Muscle Satellite Cells and Regeneration, Steamboat Springs, USA
June 19-2018	Victorian Muscle Network Symposium, Melbourne, Australia
May 30-2018	LIA 5th workshop, Orleans, France
April 22-2018	Muscle Development, Regeneration and disease 2918, Berlin, Germany
Oct 12-2017	14th IIM Meeting – Pathogenesis and Therapies of Rare Diseases – Assisi, Italy
Jul 05-2017	INSERM-JSPS Collaboration Meeting - Nutrition and Environment: Which impact on cardiac ageing? - Abbaye Vaux de Cernay, France
Jun 13-2017	Myogenesis Gordon Research Conference - Advanced Mechanisms of Growth and Repair in Myogenesis, , Lucca (Barga), Italy
Nov 16-2016	Joint meeting of the 22nd International Congress of Zoology and the 87th Meeting of the Zoological Society of Japan, Okinawa, Japon
Nov 142016	4th Society of skeletal Muscle Cells, Keynote lecture, Nagoya, Japon
July 25-2016	FASEB Skeletal Muscle Satellite Cells and Regeneration – Keystone, Colorado, USA
July 18-2016	International Conference on Molecular Evolution 2016 – Bangkok, Thailand
Mar 15-2016	MYOLOGY 2016 – 5th international congress of Myology, Lyon, France
Jun 25-2015	Myogenesis GORDON CONFERENCE Molecular and Cellular Networks, Lucca (Barga), Italy
Jan 28-2015	REVIVE 4th annual consortium meeting, Belle-Eglise, France
Oct 5-2014	Symposium “Stem Cells and Cancer”, 27th Entretiens Jacques Cartier, Montreal, Canada
Mar 21-2014	19e journée du CHEC, Amiens, France
Oct 05-2013	18th International Congress of the World Muscle Society, Asilomar Conference Grounds, California, USA
Jul 11-2013	Myogenesis GORDON CONFERENCE – Lucca (Barga), Italy
Apr 11-2013	FP7 ENDOSTEM annual meeting – Ischia, Napoli, Italy
Mar 22-2013	Stem Cell meeting, Bordeaux, France
Sep 08-2012	9th Japanese-Frenche Symposium for ‘muscular dystrophy’, Tokyo, Japan
Nov 11-2011	BIT’s 4th annual congress of Regenerative Medicine and Stem Cell 2011, Beijing, China
Jun 29-2011	VII London Myology Forum, London, UK
May 12-2011	EMBO Myogenesis Conference Series – The Molecular and Cellular Mechanisms Regulating Skeletal Muscle, Development and Regeneration. Wiesbaden, Germany.
May 10-2011	Myology 2011 – 4th international congress of myology. Lille, France
Apr 06-2011	EMBO Conference on 'Advances in Stem Cell Research: Development, Regeneration and Disease', Paris, France
Mar 01-2011	2nd Batsheva Seminar on Integrative Perspectives on the Development of the Musculoskeletal System, Ein Gedi, Israel
Apr 22-2010	IX Porto Cancer Meeting on “Differentiation, regeneration and cancer”, Porto, Portugal
Apr 13-2010	GRC on Craniofacial Morphogenesis & Tissue Regeneration, Il Ciocco Hotel & Resort, Italy.
Mar 23-2010	Oulu Biocenter Day 2010, Oulu, Finland
Sept 14-2009	Muscle identity and Disersity AIM/MyoRes Workshop, Paris (ORGANIZER)
July 03-2009	Franco-Japanese symposium on muscle formation and disease. Paris, France.
May 29-2009	Making muscle in the embryo and adult, a joint meeting of *Frontier in myogenesis* and *Skeletal Muscle stem and satellite cells. Columbia University*, New York, NY, U.S.A.
Oct 27-2008	MyoRes annual congres, Giardini Naxos, Sicily.
Sep 26-2008	EMBO conference, The molecular and cellular mechanisms regulating skeletal muscle development and regeneration. Sant Feliu de Guixols, Spain.
May 02-2008	London Myology Forum, London, UK.
Mar 03-2008	Integrating Perspectives on the Dev. of the Musculoskeletal System. Neve Zohar, Israel
Nov 15-2007	Club des belles souris, Intitut Curie, Orsay, France

Dec 07-2006	Develomental Biology and Cancer meeting, Curie Institute, Paris, France
Dec 04-2006	Center Of Excellence International Workshop, Nagoya, Japan
Nov 29-2006	Development of Molecular Therapy of Muscular Dystrophy meeting, Tokyo, Japon
Sep 18-2006	France-Israel Meeting on Stem Cells and Regenerative Medicine, Technion, Haifa, Israel
Apr 08-2006	3rd Canadian Developmental Biology conferences, Mont-Tremblant, Québec, Canada
Jan 12-2006	International Stem Cell Forum 2006. « Stem cell research in France : Progresses and objectives from basic to translational research ». Paris, France.
Sept 28-2005	EMBO/FEBS Workshop. The molecular and cellular mechanisms underlying Skeletal Muscle formation and repair, Fontevraud, France.
June 09-2005	Muscle club meeting, Marseille, France.
May 13-2005	2005 Trilateral Stem Cell Meeting - Rikken CDB, Kobe, Japan.
May 10-2005	Myology 2005 meeting, Nantes, France.
Apr 20-2005	Cell Into Organs EEC meeting, Braga, Portugal.
Dec 17-2004	Muscle club meeting, Paris, France.
May 17-2004	Gordon Conference on Myogenesis, Il Ciocco, Italy.
Oct 20-2003	Pasteur Departmental days, Fontevraud, France
Oct 07-2003	Meeting CHO, Giens, France.
Nov 04-2002	Annual Meeting of the French Society of Developmental Biology. Toulouse, France.
Sept 18-2002	Conseil d'orientation scientifique de l'A.F.M. Paris, France
Oct 10-2000	Conference Jacques Monod : Cell. and Mol. Basis of Morphogenesis. Aussois, France.
Oct 06-1999	La jonction neuromusculaire dans tous ses états. Orsay, France.

Invited Seminars:

Feb 27-2019	Department of Neurology and Neurological Sciences, Stanford University School of Medicine, VA Palo Alto Health Care System. Stanford, USA
Feb 25-2019	Department of Orthopaedic Surgery, University of California, San Francisco, USA
Feb 21-2019	Children's Cancer Therapy Development Institute, Portland, USA
Jan 31-2019	Institut NeuroMyoGene, Lyon, France
Nov 23-2018	Zakład Biotechnologii Medycznej, Wydział Biochemii, Biofizyki i Biotechnologii, Krakow, Poland
Oct 24-2018	National Center of Neurology and Psychiatry (NCNP), Tokyo, Japan
Sep 14-2018	Centro Andaluz de Biología del Desarrollo, Sevilla, Spain
Mar 08-2018	iStem, Evry, France
Oct 09-2017	San Raffaele Hospital, Milan, Italy
Dec 14-2016	Stem Cell Institute, University of Minnesota, Minneapolis, USA
Nov 11-2016	National Institute of Neuroscience, National Center of Neurology and Psychiatry, Tokyo, Japon
Nov 10-2016	Medical Research Institute, Tokyo Medical and Dental University, Tokyo, Japon
Jun 24-2016	Hong Kong University of Science and Technology, Hong-Kong, China
Mar 30-2016	Imagine Research Center, Necker Hospital, Paris, France
Mar 11-2016	Cochin School of Medicine, Monthly "Club Muscle", Paris, France
Feb 9-2016	The Novo Nordik Foundation Center for Basic Metabolic research, Univ. Copenhagen, Denmark
Dec 15-2015	MDC, Berlin, Germany
Nov 11-2015	Edith Cowan University, Perth, Australia
Apr 15-2015	Institut de Genetique Humaine, Montpellier, France
Oct 20-2014	InStem Institute, Bangalore, India
Oct 10-2014	IBDML, Marseille, France
Mar 11-2014	University of Ottawa, Ottawa, Canada
Mar 10-2014	Mc Gill Univerity, Montreal, Canada
Mar 07-2014	GreD, Faculté de Médecine, Clermont-Ferrand, France
Dec 03-2013	Timone hospital, Marseille, France
May 02-2013	CHU Purpan, Toulouse, France
Nov 20-2012	IGBMC, Strasbourg, France
Jul 20-2011	INPG-PHELMA de Grenoble, CNRS-UMR 5628, LMGP, Grenoble, France
Jan 31-2011	Institut du Cerveau et de la Moelle Epiniere, Paris, France
Dec 13-2010	Faculté de Médecine de Marseille, Marseille, France
Oct 18-2010	IGBMC, Strasbourg, France
Feb 08-2010	Département de Génétique, INSERM U-781, Hôpital Necker-Enfants Malades, Paris, France

Oct 20-2009 NIMR, Mill Hill, London, UK
Jan 24-2007 Université Pierre et Marie Curie, Paris VI, Paris, France
Jan 15-2007 U711, Pitié-Salpétrière Hospital, Paris, France
Dec 15-2006 Institut Gustave Roussy, Villejuif, France
Sep 19-2006 Weizmann Institute, Transcriptional regulation Department, Rehovot, Israel.
Apr 12-2006 Molecular Cardiology Research Center, University of Pennsylvania, Philadelphia, USA.
Dec 12-2005 CDB Riken, Kobe, Japon
Oct 20-2005 Curie Institute, Paris, France.
June 01-2005 Developmental biology department, Pasteur Institute, Paris, France.
May 25-2005 CNRS Orleans, Orleans, France.
Apr 11-2005 Molecular Cardiology Research Center, University of Pennsylvania, Philadelphia, USA.
Apr 09-2005 Eccles Institute of Human Genetics, University of Utah, Salt Lake City, USA.
Feb 07-2005 Mount Sinai Hospital, New York, USA
Dec 12-2004 EMI0210, Hopital Necker, Paris, France.
Feb 26-2003 Université Pierre et Marie Curie (Paris VI), Paris, France.
Feb 25-2003 Curie Institute, Paris, France.
Feb 12-2003 IBDM, Luminy, Marseille, France.
Feb 07-2003 Hopital Henri Mondor. Créteil, France.
Jan 30-2003 Institut Curie Orsay, Orsay, France.
Dec 16-2002 Institut Cochin, Paris, France.
Dec 11-2002 Hopital Saint Louis, Paris, France.
Nov 29-2002 CEA Grenoble, France.

TEACHING

Head of the MD/PhD program, Henri Mondor Medical School, Creteil
PACES, Faculté de médecine Paris XII, Creteil, France – Human fecondation and embryology
International developmental biology course – Curie/UPMC/ Harvard
MyoGrad teaching network, Paris-Berlin
MyoGrad, journée embryologie Practical Course
MyoGrad, Journée histologie Practical Course
Diplôme inter-Universitaire : Microscopie electronique en embryologie
Master II. Génétique Somatique, Université Paris VII, Paris, France
Master II Biothérapie, UPEC, Creteil France
Comités de thèse

PhD AND HDR JURY

26-03-2019 - Evaluation of the PhD of Laura Andrea Galvis Vargas, MONASH University, University of Melbourne “Modulation of muscle regeneration and repair”
30-11-2019 – Examinateur Thèse Anaïs Julien, Université Paris Descartes « Rôle du muscle au cours de la régénération osseuse: étude fonctionnelle de la contribution cellulaire et impact des traumatismes musculosquelettiques »
28-06-2018 - Rapporteur Thèse de Doctorat of Olivier Claude, Sorbonne Universités « Identification de marqueurs membranaires spécifiques de cellules progénitrices cardiaques PW1+ par une approche multiomique ».
06-04-2018 – Evaluation of the PhD of Andrea Bianchi, UNIVERSITÀ DEGLI STUDI DI ROMA « TOR VERGATA", “The multi-faced Satellite Cells dysfunctions in Emery Dreifuss Muscular Dystrophy ».
15-12-2017 - Président du jury de thèse de doctorat of Tristan Gonçalves, Université Paris Descartes « Implication du collagène XXV dans la myogenèse chez la souris ».
31-10-2017 – Rapporteur Thèse de Doctorat of Maud Wurmser, Université Paris Descartes « Rôle des homéoprotéines SIX dans les progéniteurs myogéniques au cours du développement musculaire »
10-10-2017 – Examinateur de PhD thesis of Giulia Ferri, Universita’ Vita-Salute San Raffaele « Molecular Characterization of the Leading Candidate Genes in FSHD Muscular Dystrophy »
20-03-2017 – Examinateur de PhD thesis of Valentina Taglietti, Universita Degli Studi Di Milano « Unravelling the molecular mechanisms regulating embryonic and fetal myogenesis: the role of Nfix As “master” gene for the fetal genetic program »
20-09-2016 – Examinateur de thèse de doctorat of Maniglier Madlyne Université Pierre et Marie Curie « Adult peripheral nervous system stem cells: from their identification towards their role and fate in pathological conditions »
09-02-2016 - Rapporteur de thèse de doctorat of Mlle Vibe Nylander, University of Copenhagen, Denmark « Implication of epigenetic factors in the metabolic complications of irradiation »

17-12-2015 - Président du jury de thèse Vétérinaire of Mlle Marie Segovia, Ecole Nationale Vétérinaire d'Alfort (ENVA) « Alimentation et immunité pendant la période péripartum chez les bovins ».

17-12-2015 - Président du jury de thèse Vétérinaire of Mr Pierre-François Ducatteau, Ecole Nationale Vétérinaire d'Alfort (ENVA) « Pisciculture: Bilan sur les modes d'élevage et perspectives en matière de durabilité environnementale. Exemple du saumon atlantique en Norvège »

04-11-2015 - Rapporteur de thèse de doctorat of Mlle Yanne Doucet, Université Aix Marseille II. « Identification and characterization of the progenitor niche of the Merkel cell lineage: from homeostasis to cancer »

30-10-2015 - Examinateur de thèse de doctorat of Mlle Violeta Mitutsova, Université de Montpellier. « Cellules souches du muscle squelettique : étude d'une population capable de différenciation multipotente. »

28-10-2015 - Rapporteur de thèse de doctorat of Mlle Mélissa Fauveau, Univesité Pierre et Marie Curie. « Fonction du facteur de transcription SOX17 dans la myélinisation ».

16-11-2015 - Président du jury de thèse de doctorat of Mr David Hardy, Université Paris-Est. « Rôle de chimiokine CXCL12/SDF1 au sein du couplage angiogenèse/Myogenèse au cours de la régénérescence musculaire »

03-12-2014 - Examinateur de thèse de doctorat of Mme Yuli Watanabe, UPEC. « La variabilité phénotypique liée aux mutations de SOX10 et les interactions génétiques gouvernant le développement du système nerveux entérique »

30-05-2014 - Président du jury de thèse de doctorat of Mlle Aude Frisdal, , UPMC-Paris VI. « Mortalin plays a protective role in cell survival through the regulation of the PERK/eIF2a/ATF4 pathway during mouse embryonic development »

28-05-2014 – Président du jury de l'habilitation à diriger des recherches en Discipline Sciences de la vie de l'UNIVERSITE PIERRE ET MARIE CURIE of Mme Silvia Fre. « Notch signaling in stem cells and tumors in the mouse intestine and mammary gland ».

24-09-2013 – Président du jury de thèse de doctorat of Mlle Isabelle Buisson , UPMC-Paris VI. « Etude des rôles de Pax2 et Pax8 dans la mise en place du pronéphros chez le Xénope »

05-07-2013 – Président du jury de thèse de doctorat of Mr Matias de Vas, UPMC-Paris VI. « Role of the transcription factor HNF1b and regulatory networks involved in mouse panceras development ».

06-2013 – Président du jury de l'habilitation à diriger des recherches en Discipline Sciences de la vie de l'UNIVERSITE PIERRE ET MARIE CURIE of Mlle Cécile Haumaître. « Régulation génétique et épigénétique du développement du pancréas ».

22-04-2013 – Ph.D. thesis committee of Giuliana Rossi, Universita' Vita-Salute San Raffaele, Scuola Internationale Di Dottorato Di Ricerca In Medicina Molecolare. Programma in Biologia Cellulare e Molecolare « The transcription factor Nfix regulates the proper timing of muscle regeneration and the progression of Muscular Dystrophy ».

03-2013 - Rapporteur de l'habilitation à diriger des recherches en Discipline Sciences du vivant de l'UNIVERSITE PARIS-EST of Mr Grégory JOUVION. « Roles du Stroma dans les réponses tissulaires face à une agression ».

11-01-2013 – Rapporteur de thèse de doctorat of Cyril Picard, Université de la Méditerranée Aix-Marseille 2 – Faculté des sciences de Luminy « Caractérisation de nouvelles subpopulations de progéniteurs musculaires au cours du développement embryonnaire des amniotes ».

19-12-2012 – Examinateur et président du jury de thèse de doctorat : of Anne Escot, Université Pierre et Marie Curie PARIS VI « Chimiokine SDF-1 et crêtes neurales cardiaques : rôle dans la migration et implication dans les déficiences congénitales cardiaque ».

07-2012 – Rapporteur de l'habilitation à diriger des recherches en Discipline Biologie de la faculté des Sciences de Luminy, Université Aix Marseille of Mme Marie-Claire DELFINI « Mécanismes moléculaires régissant la morphogenèse et la différenciation des ganglions de la racine dorsale chez l'embryon de souris et Poulet »

16-09-2011 – Examinateur de thèse de doctorat : Olivia Renoir, Université Paris Diderot « Contrôle du développement des cellules endocrines pancréatiques par les Histones Désacétylases ».

02-2011 – Rapporteur de l'habilitation à diriger des recherches en Sciences, Techniques et Santé de l'Université Paris Descartes : Mr Fabien LE GRAND. « Régénération du Tissu Musculaire Squelettique - Contrôler le Destin des Cellules Souches »

10-02-2011 – Examinateur de thèse de doctorat : Pierre Rocheteau, Université Pierre et Marie Curie. « Isolement et caractérisation d'une sous population de cellules souches musculaires squelettiques qui ségrègent de façon non aléatoire leurs brins d'ADN ».

24-09-2010 – Examinateur de thèse de doctorat : Aline Bonnet, UPMC-Paris VI. « Etude de la fonction du gène *Vestigial-like 2* and la formation des muscles chez l'embryon de poulet ».

15-09-2009 – Rapporteur de thèse de doctorat : Rana Abou-Khalil, Paris XII – Paris est. « Interactions entre les cellules satellites et les cellules vasculaires au sein du muscle strié squelettique : implications dans la myogenèse et la quiescence ».

10-07-2009 – Examinateur de thèse de doctorat : Claire Niro, Université Paris Diderot – Paris VII. « Rôles des homéo-protéines Six et de leurs cofacteurs Eya au cours de la myogenèse chez la souris.

10-10-2008 – Rapporteur de thèse de doctorat : Gaëlle Pérot, Université Paris Descartes. « Oncogenèse et différentiation des léiomyosarcomes : rôle de l'amplification du chromosome 17p dans la biologie de ces tumeurs.

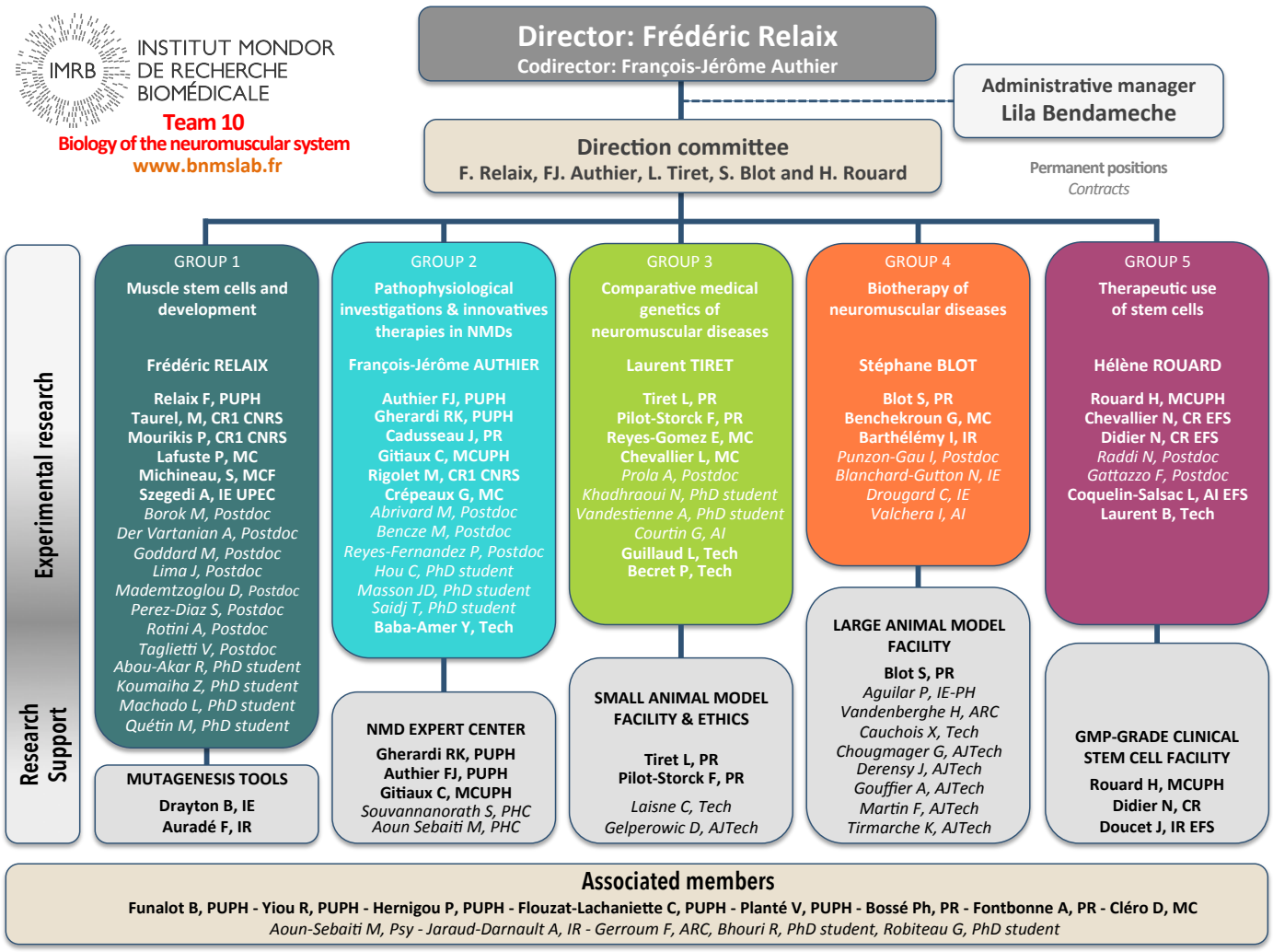
30-11-2007 – Examinateur de thèse de doctorat : Julien Giordani, UPMC-Paris VI. « Rôle des homéo-protéines Six au cours de la myogenèse chez la souris ».

26-06-2007 – Rapporteur de thèse de doctorat : Marie Manceau, Faculté des Sciences de Luminy, Université de la méditerranée. « Regulation moléculaire de la croissance musculaire chez l'embryon de poulet ».

RESEARCH GRANTS

2019 – Projet Exploratoire ATLAS, I-Site FUTURE – 25k€
2019-2021 – ANR ANR-18-CE14-0001 ATM (Col. w/ N. Dragin) – 148k€
2018-2020 – FRM post-doctoral fellowship Valentina Taglietti – 180k€
2018-2020 – ANR MyoStemVasc (Col. w/ B. Chazaud) – 370k€
2017-2020 – ANR BMP-MYOSTEM (Col. w/H. Amthor and P. Maire) – 200k€
2017-2019 – ANR MYOLINC (Col. w/P. Maire and P. A. Defossez) – 75k€
2017-2019 – REVIVE Post-doctoral grant Joana Lima – 180k€
2016 – EFS network grant (col. w/ Luc Douai). 80k€
2016-2020 – RHU CARMMA (Partner 5b - Leader G Derumeaux). 1560k€
2016-2018 – ANR PRCI Franco-Allemande Satnet (Network w. C. Birchmeier et S. Spuler). 370k€
2015-2019 – Pôle strategique TRANSLAMUSCLE AFM. 1000k€/year
2015-2018 – ANR CRESTMETABO (Network with AH Monsoro-Burq) : 85k€
2014 – REVIVE PhD grant 4th year Despoina Mademdzoglou : 35k€
2014-2016 – Fondation pour la recherche Médicale. Developmental and environmental interactions during teratogenesis. 300k€
2014-2016 – ANR Blanche Bone-muscle-repair (Network w. C. Colnot) 130k€
2013-2015 – ANR Blanche BMP-Myomass (Network w. H. Amthor and D. Duprez) 160k€
2013 – REVIVE Post-Doc grant Philippos Mourikis : 180k€
2012-2013 – Ligue Contre Le Cancer. Mouse model for Alveolar Rhabdomyosarcoma. 50k€
2012-2014 – ANR Blanche Epimuscle (Network w. L. Schaeffer) 192k€
2011-2021 – Labex REVIVE. 60k€/year
2010-2014 – MyoGrad French-Germany PhD program
2010-2014 – FP7 HEALTH-2009- *single-stage* 1.4-3 – Endostem. Leader Work Package 2. 600k€
2009-2010 – Decrypthon project grant. Large-scale identification of transcriptional networks during myogenesis. 130k€
2009-2011 – INCa. From integrated genetic landscape to relevant models in rhabdomyosarcoma network. (network with O. Delattre et C. Gauthier-Rouvière). 225k€
2008 – Ligue Contre Le Cancer. Mouse model for Alveolar Rhabdomyosarcoma : Identification of cancer stem cell and oncogenic pathways involved *in vivo*. 40k€
2006-2009 – AFM Strategic plan to U787. Molecular networks of myogenic progenitor stem cells. 750k€
2007-2009 – ANR Maladies Rares. Waardenburg Syndrome : molecular and cellular analysis of cranio-facial defects in mouse models. 300k€
2007-2009 – INSERM Avenir program. 280k€
2007-2010 – FP6 Network of Excellence MyoRes. 200k€

CURRENT RESEARCH TEAM (U955-E10 IMRB INSERM-UPEC-EnVA-EFS)



CURRENT RESEARCH GROUP

2006 – Frédéric Relaix, Ph.D.	Team leader. PUPH UPEC
2013 – Mourikis, Philippos	CR1 CNRS
2015 – Marianne Taurel, Ph.D.	CR1 CNRS
2015 – Peggy Lafuste, Ph.D.	MCF UPEC
2015 – Stéphanie Michineau, Ph.D.	MCF UPEC
2006 – Aurade, Frederic, Ph.D.,	Lab manager (UPMC IR]
2007 – Drayton, Bernadette	Mouse models manager (INSERM IE)
2015 – Audrey Der Vartanian, Ph.D.	Post-Doc [AFM Translamuscle - UPEC]
2016 – Melissa Goddard, Ph.D.	Post-Doc [AFM Translamuscle – UPEC]
2016 – Matthew Borok, Ph.D.	Post-Doc [ANR SatNat – INSERM]
2016 – Joana Lima, Ph.D.	Post-Doc [Labex REVIVE]
2012 – Mademtzoglou, Despoina, Ph.D.	Post-Doc [ANR SatNat – INSERM]
2017 – Alessio Rotini, Ph.D.	Post-Doc [ANR MyoStemVasc – INSERM]
2017 – Sergio Perez-Diaz, Ph.D.	Post-Doc [RHU CARMMA – INSERM]
2018 – Valentina Taglietti, Ph.D.	Post-Doc [FRM fellowship – INSERM]
2015 – Zeynab Koumaiha	Ph.D. Student [RHU CARMMA – INSERM]
2015 – Marie Quétin	Ph.D. Student [MRT funding UPEC]

2016 – Leo Machado	Ph.D. Student [REVIVE Labex consortium]
2017 – Kaouthar Taibi	Technician [RHU CARMMA – INSERM]
2018 – Reem Abou Akar	Ph.D. Student [AFM Translamuscle – UPEC]
2018 – Stamatia Gioftsidi	Ph.D. Student [UFA MyoGrad]
2018 – Christelle Dubois	Ph.D. Student [MRT funding UPEC]
2018 – Perla Geara	Ph.D. Student [FRM funding]

FORMER MEMBERS

2007-2009: Aflalo-Rattenbach, **Révital**, Ph.D. PD	**2010-** : CEO Pharma4P
2007-2009: Masdeu, Christelle, Ph.D. Post-Doc	**2010-** : Business Development Analyst at Cellectis
2009-2010: Chang, **Ted,** Ph.D. Post-Doc	**2011-** : Post-doc (Vooreheove's lab, Singapur)
2007-2010: Ho, Andrew, Ph.D. Post-Doc	**2011-** : Post-doc (Helen Blau lab, Stanford, CA, USA)
2006-2012: Bismuth, Keren, Ph.D. Post-doc	**2012** : N/A
2007-2012: Rochat, Anne, Ph.D., Post-doc	**2012** : INSERM administrative Staff
2008-2012: Morais, Jessica, Doctorant.	**2012** : MBA Business development
2007-2014: Hayashi, Shinichiro, Ph.D.,	**2014** : Associate professor position, Tokyo, Japan
2012-2014: Ribes, Vanessa, Ph.D.CR2 INSERM	**2015-** : Avenir team leader, Institut Jacques Monod, Paris VII.
2010-2014: Zalc, Antoine, Ph.D. Student	**2014-** : Post-doc (Joanna Wysocka, Stanford, CA, USA)
2007-2016: Alonso-Martin, Sonia, Ph.D.,	**2016**- : Lab manager Pura Munoz Team (Madrid, Spain)
2017 : David Hardy	**2017** : Project Manager position [Pasteur Intitute, Paris]
2016-2018 : Szegedi, Aniko	**2018-** : PhD