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Yacine GRABA

Personal details	
NAME and first name:	GRABA Yacine
Gender:	Male
Nationality:	French
Date of birth:	24/08/1967
ORCID:	0000-0003-1324-1308
Current position/Key academic dates	
<ul style="list-style-type: none"> - 2007-present: Research Director at CNRS (DR1 since 2013) - 2002-present: Principal Investigator, IBDM, Marseille, France - 1999 : CNRS Bronze medal - 1997 : HDR - 1996-2002: Research Associate, IBDM, Marseille, France - 1993-1995: Postdoctoral HFSP Fellow in Developmental Biology, Stanford University, California, USA - 1990-1993: PhD in Developmental Biology, Marseille, France 	
Scientific focus	
<p>We study mechanisms of gene regulation in developmental processes. Objectives are both to grasp structural and molecular mechanistic insights into transcription factor activity, and to frame findings within organismal development and physiology, with a recent focus on <i>Drosophila</i> muscle and fat body. Research combines a wide range of approaches, including <i>Drosophila</i> molecular genetics, high-resolution imaging, genomics, transcriptomics, structural biology and molecular modeling.</p>	
Main responsibilities	
<ul style="list-style-type: none"> - Heading of a research group (since 2002) at the Developmental Biology Institute, Marseille (IBDM) - Member of the National Committee for Scientific Research (Comité National de la Recherche Scientifique) (2000-2004) - Member of the IBDM laboratory council (2002-2006) - Member of the Management committee", Biology Department, Aix Marseille University (2006-2008) - Member of the EU COST action Management Committee: "Hox and TALE proteins in development and disease" (2010-2013). - Organization of the International meeting "Homeodomain transcription factors in development and disease"(2011), Carry-Le-Rouet, France. Organizers: Y. Graba and R. Rezsohazy - Member of the Directory board of IBDM (2012-2014) - Exploratory mission (2016) for the setting of an institutional partnership between AMU and Algerian Universities - Organization of the International meeting "Shaping Life" (2016) , Marseille. Organizers: Y. Graba, C. Maurange, T. Lecuit and L. Fasano - Scientific advisor for the HCERES (2020-2024) - Invited Professor (2021): Université Catholique de Louvain La Neuve (UCL), Belgium. - Doctoral School PhD jury (ED62, 2020-2023) - Annual expertise for the European Commission (2021- 2024) - Regular expertise for foreign and international funding agencies: average of 2-3 per year: Germany (DFG applications), UK (BBSRC and Wellcome Trust applications), Spain (CSIC applications), Italy (Private foundations applications), USA-Israel Binational Science Foundation, USA (Fulbright Foundation) - Regular reviewing (average of 4-6 manuscript per year): reviews for Nature communications, Developmental Cell, Cell Reports, EMBO. J., EMBO reports, PNAS, Development, Faculty of 1000, Trends in Genetics, PLoS Genetics, PLoS computational Biology 	
Teaching/Students supervision	
<ul style="list-style-type: none"> -Teaching at the Master level (2002-2018), Aix-Marseille University -Responsible for a teaching unit at the Master level (2007-2014), Aix-Marseille University - Member of the Doctoral school ED62 PhD Jury (2020-2023) 	

<ul style="list-style-type: none"> - Supervision of 15 PhDs students - Regular participation to PhD and HDR committee (average 2/year)
Fundings
The team is/has been supported by a wide panel of funding agencies and charities including: ANR 4X, labélisation équipe FRM 3X, AFM 3x, ARC 4X, Ligue contre le cancer 3X, EC COST action 1X, Franco-Indian CEFIPRA 2X
Conferences and scientific publications
<ul style="list-style-type: none"> - 41 seminars / conferences in scientific meetings and academic institutions - 66 peer reviewed scientific publications <p>Selected publications</p> <ul style="list-style-type: none"> - Curt JR, Martín P, Foronda D, Hudry B, Kannan R, Shetty S, Merabet S, Saurin AJ, Graba Y*, Sánchez-Herrero E* (2025). <i>PLoS Genetics</i>. 2025 Jan 13;21(1):e1011355. (* corresponding authors) - Poliacikova G, Aouane A, Caruso N, Brouilly N, Maurel-Zaffran C, Graba Y*, Saurin AJ (2024). <i>Science Advances</i>. Nov 29;10(48). (* team co-head) - G. Poliacikova, M. Barthez, T. Rival, A. Aouane, N. Miguel Luis, F. Richard, N. Brouilly, F. Schnorrer, C. Maurel-Zaffran, Y. Graba* and A. J. Saurin*. <i>Nature Communications</i>. Jun 2;14(1):3187. (* team co-head) - A. Wilmerding, L. Rinaldi, N. Caruso, L. Lo Re, E. Bonzom, A. J Saurin 1, Y. Graba*, MC Delfini* (2021). <i>Development</i> Jan 20;dev.195404.(* corresponding authors) - Saurin AJ, Delfini MC, Maurel-Zaffran C, Graba Y. (2018). <i>Trends Genet</i>, Dec;34(12):941-953. - Zouaz A, Auradkar A, Delfini MC, Macchi M, Barthez M, Ela Akoa S, Bastianelli L, Xie G, Deng WM, Levine SS, Graba Y*, Saurin AJ* (2017). <i>EMBO J</i>. Oct 2;36(19):2887-2906. (* team co-head) - Rezsohazy R., Saurin A. J., Maurel-Zaffran C. and Graba Y. (2015). <i>Development</i>, Apr 1;142(7):1212-1227. - Foos N, Maurel-Zaffran C, Maté MJ, Vincentelli R, Hainaut M, Berenger H, Pradel J, Saurin AJ, Ortiz-Lombardía M, Graba Y (2015). <i>Structure</i>. Feb 3;23(2):270-9. - Banreti A, Hudry B, Sass M, Saurin AJ, Graba Y (2014). <i>Dev Cell</i>. Jan 13;28(1):56-69. - N. Sambrani, B. Hudry, A. Zouaz, C. Maurel-Zaffran, S. Merabet and Y. Graba (2013). <i>PLoS Genetics</i>, Mar;9(3):e1003307. - B Hudry, S Remacle, MC Delfini, R Rezsohazy, Y Graba and S Merabet (2012). <i>PLoS Biology</i>, Jun;10(6):e1001351. - S Merabet, I Litim-Mecheri, D Karlson, R Dixit, M Saadaoui, B Monier, C Brun, S Thor, K. Vijayraghavan, L Perrin, J Pradel and Y Graba (2011). <i>PLoS Genetics</i> Oct;7(10):e1002302. - M Saadaoui, S Merabet, I Litim-Mecheri, E Arbeille, N Sambrani, W Damen, C Brena, J Pradel and Y Graba (2011). <i>Proc Natl Acad Sci U S A</i>. Feb 8;108(6):2276-81 - Merabet S, Saadaoui M, Sambrani N, Hudry B, Pradel J, Affolter M, Graba Y. (2007). <i>Proc Natl Acad Sci U S A</i>. Oct 23;104(43):16946-51. - Miotto, B., Sagnier, T., Berenger, H., Bohmann, D., Pradel, J., Graba, Y (2006). <i>Genes Dev</i>. 2006 Jan 1;20(1):101-12. - Merabet, S., Pradel, J. and Graba, Y. (2005). Getting a molecular grasp on <i>Trends in Genetics</i> 21 (9), 477-80. - Merabet, S., Castelli-Gair Hombria, J., Hu, N., Pradel, J. and Graba, Y. (2005). <i>Development</i>. 132(13):3093-102. - Merabet, S., Kambris, Z., Capovilla, M., Berenger, H., Pradel, J. and Graba, Y. (2003). <i>Developmental Cell</i> 4, 761-8. - Grienemberger, A., Merabet, S., Manak, J., Iltis, I., Fabre, A., Berenger, H., Scott, M. P., Pradel, J. and Graba, Y. (2003). <i>Development</i> 130, 5445-5455. - Grienemberger A., Miotto, B., Sagnier T., Cavalli G., Schramke V., Geli V., Mariol M.C., Berenger H., Graba Y*. and Pradel J*. (2002) <i>Current Biol</i>. 12, 762-766. (* corresponding authors). - Chauvet S, Merabet S, Bilder D, Scott MP, Pradel J, Graba Y. (2000). <i>Proc Natl Acad Sci USA</i>. 97(8):4064-9. - Graba Y., Gieseler K., Laurenti P., Aragnol D., Mariol M. C., Sagnier T., Berenger H. and Pradel J. (1995). <i>Development</i>, 121, 209-218. - Graba Y., Aragnol D., Laurenti P., Garzino V., Charmot D., Berenger H. and Pradel J (1992). <i>EMBO. J.</i>, 11, 9, 3375-3384.