

Dominique Daegelen's biography

Born on December 31st, 1949

Director of the "Genetics and development" institute since April 21st, 2008

Degrees and qualifications

Accreditation to supervise research at Paris V

PhD in biochemistry from Paris VII

Member of the French Muscular Dystrophy Association scientific council

Member of the Faculty of Medicine Paris V René-Descartes scientific council

Member of the "Cellular biology and developmental biology" commission, FNRS Brussels

Member of the teaching committee of the European Genetics Master at Paris VII

Professional experience

1972	Inserm Unit 129. Study of the molecular mechanisms involved in some metabolic myopathies
1986	Inserm Unit 257. Training in transgenesis tools in the mouse. Study of the regulation of the gene of human insulin
1989	Inserm Unit 129. Transcriptional control during myogenesis
2002	Institut Cochin. Role of the serum response factor in the development and physiopathology of cardiac and skeletal muscles
2002-2005	Co-coordinator of the "Genetics and development of the neuromuscular system"
2002	Director of the "Genetics and development" department of the Institut Cochin

Recent publications

Ngo-Muller V, Bertrand A, Concordet JP, Daegelen D. Mouse muscle identity: *The position-dependent and fast fiber-specific expression of a transgene in limb muscles is methylation-independent and cell-autonomous*. Dev Dyn. 2003, Dec; 228(4):594-605.

Grifone R., Laclef C., Spitz F., Lopez S., Demignon J., Guidotti J-E, Kawakami K., Xu P-X., Kelly R., Petrof B. J., Daegelen D., Concordet J-P. and Maire P *Six1 and Eya1 expression can reprogram adult muscle from slow-twitch into fast-twitch phenotype*. Mol Cell Biol, 2004, Jul; 24(14):6253-67

A. Parlakian* , D. Tuil* , G. Hamard, G. Tavernier, D. Hentzen, J. P. Concordet, D. Paulin, Z. Li and D. Daegelen *Targeted inactivation of SRF in the developing heart results in myocardial defects and embryonic lethality.* Mol Cell Biol 2004, 24 (12): 5281-5289 (* first co-authors)

Parlakian A*, Charvet C*, Escoubet B, Mericskay M, Molkentin JD, Gary-Bobo G, De Windt LJ, Ludosky MA, Paulin D, Daegelen D, Tuil D, Li Z. *Temporally controlled onset of dilated cardiomyopathy through disruption of the SRF gene in adult heart.* Circulation. 2005, 8;112 (19):2930-9. (* first co-authors)

Charvet C., Houbron C., Parlakian A., Giordani J., Lahoute C., Bertrand A., Sotiropoulos A., Renou L., Schmitt A., Melki J, Li, Z., Daegelen* D., and Tuil D. * *A new role for Serum Response Factor in postnatal skeletal muscle growth and regeneration via the IL-4 and IGF-1 pathways.* Mol Cell Biol 2006; 26 (17): 6664-74 (* corresponding author).