

Team leader	Thesis supervisor	Thesis title	Link to Team Project
Development & Stem Cells			
CHARVIN Gilles	CHARVIN Gilles	Microfluidic analysis of the mechanisms underlying oxidative stress adaptation in the nematode <i>C. elegans</i>	http://www.igbmc.fr/charvin
CHARVIN Gilles	CHARVIN Gilles	Single cell quantitative analysis of entry into replicative senescence in budding yeast	http://www.igbmc.fr/charvin
DOLLE Pascal	BLOCH Agnès	ROGDI- a novel protein- with a leucine zipper domain- dually regulating neurological and orofacial development	http://www.igbmc.fr/dolle
DOLLE Pascal	WOJCIECH Krezl	Role of retinoid signalling in striatal development and functions: relevance for understanding and treatment of restless legs syndrome	http://www.igbmc.fr/dolle
GRADWOHL Gérard	GRADWOHL Gérard	Role of RFX6 transcription factor in the function and maintenance of glucagon secreting alpha cells	http://www.igbmc.fr/gradwohl
KEYES Bill	KEYES Bill	Identification of new mediators of cellular senescence, and their role in development, cancer and regeneration.	http://igbmc.fr/keys
LASZLO Tora	DEVYS Didier	Role of coactivator complexes in RNA polymerase II transcription	http://www.igbmc.fr/tora
LASZLO Tora	VINCENT Stéphane	Functional significance of TFIID composition during development and differentiation in the mouse	http://www.igbmc.fr/tora
MOLINA Nacho	MOLINA Nacho/Mauxion	Experimental and theoretical study of nuclear diffusion dynamics of transcription factors	http://www.igbmc.fr/molina
REINA SAN MARTIN Bernardo	REINA SAN MARTIN Bernardo	Mechanisms of AID regulation during immunoglobulin class switch recombination.	http://www.igbmc.fr/reina-san-martin
RIVELINE Daniel	RIVELINE Daniel	Interplay between signaling and mechanical cues in epithelial monolayers	http://www.igbmc.fr/riveline
SUMARA Izabela	SUMARA Izabela	Targeting ubiquitin receptor protein UBASH3B for cancer therapies	http://www.igbmc.fr/sumara

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Functional Genomics & Cancer			
COIN	COMPE Emmanuel	Transcriptional functions of the DNA repair factors CSA and CSB.	http://www.igbmc.fr/coin
COIN	LE MAY Nicolas	Roles of DNA repair factors XPA and XPF in the gene expression regulation	http://www.igbmc.fr/coin
GIANGRANDE Angela	GIANGRANDE Angela	H3K9ac, an epigenetic signature controlling neural development	http://www.igbmc.fr/giangrande
GIANGRANDE Angela	GIANGRANDE Angela	A novel evolutionarily conserved cascade in the immune system	http://www.igbmc.fr/giangrande
GHYSELINCK Norbert	GHYSELINCK Norbert	Identification of the molecular mechanism(s) involved in the control by retinoic acid receptors the oscillating gene expression in the seminiferous epithelium and the release of mature germ cells	http://www.igbmc.fr/ghyselinck
HAMICHE Ali	RAMAIN Philippe	Role of ASF1 in histone deposition dependent of DNA replication	http://www.igbmc.fr/hamiche
HAMICHE Ali	BRONNER Christian	Mechanisms underlying DNA demethylation by MBD4	http://www.igbmc.fr/hamiche
LI Mei	LI Mei	Adaptive immunity in pathogenesis of atopic march	http://www.igbmc.fr/li
METZGER Daniel	METZGER Daniel	Characterization of the hypercalcemic activity of vitamin D that limits its therapeutic use.	http://www.igbmc.fr/metzger
SÉRAPHIN Bertrand	SÉRAPHIN Bertrand	Deciphering a mechanism coupling translation and RNA decay in eukaryotes	http://www.igbmc.fr/seraphin
TOMASETTO Catherine	TOMASETTO Catherine	Deciphering matrix metalloprotease 11 (MMP11) molecular mechanism	http://www.igbmc.fr/tomasetto

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Integrated Structural Biology			
CAVARELLI Jean	CAVARELLI Jean	Structural and functional studies of Protein Arginine methyltransferase 9 and its complexes with epigenetic coregulators.	http://www.igbmc.fr/cavarelli
DEJAEGERE-STOTE Annick	DEJAEGERE-STOTE Annick	Structural dynamics of nuclear receptors	http://www.igbmc.fr/dejaegere
DEJAEGERE-STOTE Annick	ROCHEL-GUIBERTEAU Natacha	Molecular mechanisms of the role of PPARgamma and RXRalpha in bladder carcinogenesis	http://www.igbmc.fr/dejaegere
DEJAEGERE-STOTE Annick	STOTE Roland	Structural Dynamics of the nuclear receptor PPAR-gamma: implications in the carcinogenesis of bladder tumors	http://www.igbmc.fr/dejaegere
KIEFFER Bruno	KIEFFER Bruno	Application of fluorine NMR to decipher the molecular mechanism of phosphorylation signaling in nuclear receptors	http://www.igbmc.fr/bruno-kieffer
KLAHOLZ Bruno	KLAHOLZ Bruno	Structure-function study of the human ribosome	http://www.igbmc.fr/klaholz
KLAHOLZ Bruno	KLAHOLZ/BILLAS MASSOBRIO	The study of the molecular basis of the crosstalk between the glucocorticoidreceptor and physiological partners offers perspectives in the development of novel anti-inflammatory therapeutics	http://www.igbmc.fr/klaholz
ROMIER Christophe	ROMIER Christophe	Characterization of the deacetylation of Cohesin by the epigenetic effectorHDAC8	http://www.igbmc.fr/romier
RUFF Marc	RUFF Marc	Structural and functional studies of retroviral Pre-integration complexes: nuclear import	http://www.igbmc.fr/ruff
SCHULTZ Patrick	SCHULTZ Patrick	Structural studies of the transcriptional coactivator SAGA and of its functional complexes	http://www.igbmc.fr/schultz

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Translational Medicine & Neurogenetics			
CHARLET Nicolas	CHARLET Nicolas	Role OF C9ORF72 in Amyotrophic Lateral Sclerosis	http://www.igbmc.fr/charlet-berguerand
CHELLY Jamel	PITON Amelie	Functional studies of two genes implicated in severe forms of intellectual disability with microcephaly (PQBP1 and DYRK1A) and application to the evaluation of pathogenicity of missense variants	http://www.igbmc.fr/chelly
GOLZIO	GOLZIO	Autism genes and susceptibility for gastrointestinal defects: functional studies utilizing zebrafish embryo as an in vivo model	http://www.igbmc.fr/golzio
HERAULT Yann	BRAULT/HERAULT Yann	Role of Dyrk1a in GABAergic neurons in physiologic and physiopathologic conditions	http://www.igbmc.fr/herault
LAPORTE Jocelyn	BRUCKMANN Valérie	Physiopathology and therapeutic approaches in genetic diseases linked to alteration of the store-operated calcium entry	http://www.igbmc.fr/laporte
LAPORTE Jocelyn	KOCH Belinda	Novel therapeutic approaches for Myopathies	http://www.igbmc.fr/laporte
LAPORTE Jocelyn	LAPORTE Jocelyn	Integrated understanding of the cellular pathway altered in centronuclear myopathies	http://www.igbmc.fr/laporte