

UNITÉ DE RECHERCHE Nutrition, Obésité et Risque Thrombotique (NORT)

DIRECTEUR : ALESSI Marie-Christine

ADRESSE : Faculté de Médecine Site Timone

TELEPHONE : 04 91 32 45 06

COURRIEL : marie-christine.alessi@univ-amu.fr

ECOLE DOCTORALE : Sciences de la Vie et de la Santé (ED 062)

RATTACHEMENTS : AMU INSERM INRA AP-HM

POLES HOSPITALIERS :

- 2 - Gynécologie obstétrique reproduction (Nord)
- 5 - Anapath-Digestif-Onco-Uro-Endocrinologie (Nord)
- 16 - Cardio-Vasculaire-Thoracique (Intersites)
- 18 - Biologie (Intersites)
- 19 - Investigation Clinique et Thérapeutique (Timone Adultes)

DISCIPLINES D'APPARTENANCES : DS 5 - Biologie, médecine, santé

SPECIALITÉS : Nutrition/Vasculaire

GESTIONNAIRES UNITÉ :

BELLAVIA Christelle
CHASSENDE PATRON Laure
GOLETTO Marie-Hélène
KOGALOMA Valérie
SAUVAN Biliانا

EFFECTIFS

Enseignants-Chercheurs :	22
Chercheurs EPST :	11
Autres Chercheurs :	6
IATOS/ITA :	18
Autres IATOS/ITA	5
Doctorants :	20

PERSONNELS IMPLIQUÉS DANS LA RECHERCHE

ABDESSELAM Inès	DOCTORANT(e)	
ACHARD Vincent	MCU-PH	04 91 32 46 74
AIDOUH Nassima	DOCTORANT(e)	04 91 29 40 94
ALESSI Marie-Christine	PU-PH	04 91 32 45 06
AL FROUH Fadi	DOCTORANT(e)	04 91 32 45 04
AMIOT-CARLIN Marie-Josephe	DR INRA	04 91 29 41 17
ANTONA Claudine	ADT INRA	04 91 29 41 16
ASTIER Julien	TCH INRA	04 91 29 41 81
BACCINI Véronique	MCU-PH	04 91 32 45 04
BASTELICA Delphine	AI AMU	04 91 32 43 93
BELLAVIA Christelle	ADT AMU sous contrat	04 91 32 45 04
BEN AMARA Nisserine	DOCTORANT(e)	04 91 32 44 05
BONARDO Bernadette	TCH AMU	04 91 32 45 08
BONNET Jean-Louis	PU-PH	04 91 38 59 74
BORDIGNON Benoit	DOCTORANT(e)	04 91 32 43 87
BOREL Patrick	DR INRA	04 91 29 41 11
BOULLU Sandrine	MCU-PH	04 91 32 46 74
CANAULT Matthias	CR INSERM	04 91 32 45 07
CHAMBOST Hervé	PU-PH	
CHASSENDE PATRON Laure	AI AMU sous contrat	04 91 32 44 06
COHEN William	DOCTORANT(e)	04 91 38 71 39
CUISSET Thomas	MCU-PH	04 91 32 45 04
DARMON Nicole	DR INSERM	04 91 29 40 97
DARMON Patrice	PU-PH	04 91 29 40 90
DEFOORT Catherine	MCU	04 91 29 40 98
DESMARCHELIER Charles	Chargé(e) de recherche sous contrat	04 91 29 41 10
DUPONT ROUSSEL Jeanine	TECH AMU	04 91 32 44 05
DUTOUR Anne	PU-PH	04 91 96 87 23
EL HAJJ Cynthia	DOCTORANT(e)	04 91 32 45 04
FONTES Michel	PU-PH	04 91 32 45 04
GABORIT Bénédicte	DOCTORANT(e)	04 91 29 40 92
GASTALDI Marguerite	MCU-PH	04 91 29 41 08
GEORGELIN Odile	TECH APHM	04 91 32 45 05
GHALLOUSSI Dorsaf	DOCTORANT(e)	04 91 32 45 07
GINIES Christian	AI INRA	04 91 32 45 04
GLEIZE Béatrice	Chargé(e) de recherche sous contrat	04 91 29 40 90
GOLETTA Marie-Hélène	AI INRA	04 91 29 41 08
GONVALVES Aurélie	DOCTORANT(e)	04 91 29 41 01
GOVERS Roland	CR INSERM	04 91 32 46 74
GRINO Michel	CR INSERM	04 91 32 46 74
GROSDIDIER Charlotte	DOCTORANT(e)	04 91 32 45 03
GUICHARD Philippe	ADT AMU	04 91 32 42 44
KARA Imène	DOCTORANT(e)	04 91 32 45 08
KHELFI Issam	ADT AMU	04 91 32 42 44
KOGALAMA Valérie	TCH INSERM	04 91 29 41 07
LAIRON Denis	DR INSERM	04 91 29 41 05
LANDRIER Jean-François	CR INRA	
MARANINCHI Marie	MCU	04 91 38 64 98
MARCOTORCHINO Julie	DOCTORANT(e)	04 91 29 40 94
MARGOTAT Alain	MCU - PH	04 91 29 41 04
MARTIN Jean-Charles	CR INRA	04 91 29 40 94
MASSET Gabriel	Chargé(e) de recherche sous contrat	04 91 29 40 97
MENSI Azza	DOCTORANT(e)	04 91 32 45 08
MEOLA Patricia	ADT AMU	04 91 32 45 08
MEZZAPESA Anna	Chargé(e) de recherche sous contrat	04 91 32 43 93
MONES Saleh	DOCTORANT(e)	04 91 32 45 08
MORANGE Pierre	PU-PH	04 91 38 64 35
MORAZZANI Richard	ADT AMU	04 91 83 55 12
NICOLAY Alain	MCU	04 91 32 44 05
NOWICKI Marion	TCH INRA	04 91 32 45 08
PADILLA Nadège	DOCTORANT(e)	04 91 32 44 05
PEIRETTI Franck	CR INSERM	04 91 32 45 08

PELLOUX Evelyne	ADT INSERM	04 91 29 41 13
PETROLES Cécile	ADT AMU	04 91 32 45 04
PLANELLS Richard	MCU PH	04 91 29 41 10
PORTUGAL Henri	PU-PH	04 91 74 40 46
QUILICI Jacques	PH	04 91 38 59 74
PREVERAUD Damien	DOCTORANT(e)	
RACCAH Denis	PU PH	04 91 32 44 05
RAHMAN Fryad	DOCTORANT(e)	04 91 29 41 03
REBOUL Emmanuelle	CR INRA	04 91 32 44 05
RESPONDEK Frédérique	DOCTORANT(e)	04 91 29 41 17
ROI Stéphanie	AI sous contrat	04 91 29 41 01
SANCHEZ Caroline	Chargé(e) de recherche sous contrat	04 91 32 45 03
SAUT Noémie	IGE AP-HM	04 91 29 40 90
SAUVAN Biliana	TCH INSERM	04 91 83 55 94
SEREE Eric	MCU	04 91 32 44 05
SOUBEYRAND Christiane	TCH AMU	04 91 32 44 05
VALERO René	PU-PH	04 91 32 43 93
VERDIER Monique	IGE AMU	04 91 29 40 97
VIEUX Florent	DOCTORANT(e)	04 91 29 40 97
WOLFF Estelle	MCU	04 91 83 55 81

EQUIPES DE RECHERCHE et THEMATIQUES

► **EQUIPE 1 – Biodisponibilité, lipides et micronutriments**

→ Dirigée par Patrick Borel (DR2 INRA), l'équipe 1 se consacre à l'étude des facteurs nutritionnels et génétiques qui affectent l'absorption intestinale, le statut des lipides et des micronutriments. L'équipe a été labellisée en 2010 par l'INSERM.

→ Thématiques :

- Epidémiologie de la nutrition et recommandations alimentaires personnalisées
- Mécanismes moléculaires gouvernant la biodisponibilité des micronutriments lipidiques
- Variations génétiques impliquées dans l'absorption des lipides et micronutriments lipidiques
- Métabolisme postprandial des lipides et des micronutriments lipidiques.

► **EQUIPE 2 – Micronutriments, tissu adipeux et résistance à l'insuline**

→ Dirigée par Franck PEIRETTI (CR1 INSERM), l'équipe 2 a pour objectif d'identifier les stratégies nutritionnelles et thérapeutiques pour améliorer l'homéostasie de l'adipocyte et de prévenir ou réduire la résistance à l'insuline.

→ Thématiques :

- Impact des micronutriments sur la biologie de l'adipocyte et les paramètres inflammatoires associés à l'obésité.
- Déterminants moléculaires de la régulation de la translocation membranaire du GLUT 4.
- L'importance des clivages protéolytique du récepteur dans la sensibilité à l'insuline.
- L'importance de l'acide ascorbique dans la différenciation cellulaire.

► **EQUIPE 3 – Hémostase, thrombose et biomarqueurs vasculaires**

→ L'équipe 3, dirigée par MC ALESSI (PU-PH), a pour axes de recherche les biomarqueurs génétiques des pathologies vasculaires et thrombotiques et l'étude des relations hémostase, nutrition et syndrome métabolique.

→ Thématiques :

- Rôle du tissu adipeux ectopique sur la physiologie cardiovasculaire
- Plaquettes : régulation par l'hérédité et l'environnement
- Biomarqueurs du risque vasculaire artériel et veineux

► **EQUIPE 1 – Biodisponibilité, lipides et micronutriments**

→ Composition :

1. Chercheurs: 4
2. PU/MCU/PH : 7
3. Techniciens: 3
4. PhD : 6
5. Postdoc : 3

Responsable d'équipe : Patrick BOREL (DR2 INRA)

Chercheurs :

N. Darmon (DR2 INRA)
D. Lairon (DR1 éméritat, INSERM)
E. Reboul (CR2 INRA)

PU/MCU/PH :

M. Gastaldi (MCU-PH AMU)
M. Maraninchi (MCU AMU)
A. Nicolay (MCU AMU)
R. Planells (MCU-PH AMU)
H. Portugal (PU-PH AMU)
R. Valéro (PU-PH AMU)
E. Wolf (MCU AMU)

Techniciens :

J. Dupont-Roussel (Tech AMU)
M. Nowicki (Tech INRA)
S. Roi (AI CDD)

Chargés de recherche sous contrat :

C. Desmarchelier
B. Gleize
G. Masset

Doctorants :

C. El Hajj
A. Goncalves
A. Mensi
N. Padilla
D. Preveraud
F. Vieux

► **EQUIPE 2 – Micronutriments, tissu adipeux et résistance à l'insuline**

→ Composition :

1. Chercheurs: 4
2. PU/MCU/PH : 6
3. Techniciens: 3
4. PhD : 7

Responsable d'Equipe : F Peiretti (CR1 INSERM)

Chercheurs :

MJ. Amiot Carlin (DR2 INRA)
R. Govers (CR1 INSERM)
JF. Landrier (CR1 INRA)

PU/MCU/PH :

S. Boullu (MCU AMU)
P. Darmon (PU-PH AMU)
M. Fontes (PU-PH AMU)
A. Margotat (MCU-PH AMU)

D.Racah (PU-PH AMU)
E. Seree (MCU AMU)

Techniciens :

J Astier (Tech INRA)
B Bonardo (Techn AMU)
C Soubeyrand (Techn AMU)

Doctorants :

F. Al Frouh
N. Ben Amara
B. Bordignon
I. Kara
J. Marcotorchino
S. Mones
F. Rahman

► **EQUIPE 3 – Hémostase, thrombose et biomarqueurs vasculaires**

→ Composition :

1. Chercheurs: 3
2. PU/MCU/PH : 9
3. PH : 1
4. Techniciens: 4
5. PhD : 7
6. Postdoc : 2

Responsable d'Equipe : M C Alessi (PU-PH)

Chercheurs :

M. Canault (CR INSERM)
M. Grino (CR INSERM)
JC. Martin (CR1 INRA)

PU/MCU/PH :

V. Achard (MCU-PH)
V. Baccini (MCU-PH)
JL. Bonnet (PU-PH)
H. Chambost (PU-PH)
T. Cuisset (MCU-PH)
C. Defoort (MCU AMU)
A. Dutour (PU-PH)
J. Quilici (PH)
P. Morange (PU-PH)

Techniciens/ingénieurs :

D. Bastelica (AI AMU)
O. Georgelin (Tech AP-HM 20%)
N. Saut (IE APHM 10%)
M. Verdier (IE AMU)

Chargés de recherche sous contrat :

C Sanchez
A. Mezzapesa

Doctorants :

I. Abdesselam
N Aidoud
W Cohen
B Gaborit
D Ghalloussi
C Grosdidier
F Respondek

► **PLATEFORMES / ANIMALERIE**

C. Antona (ADT INRA)
C. Giniez (AI INRA)
P. Guichard (ADT AMU)
R. Morazzani (ADT- AMU)

► **LAVERIE STERILISATION**

E. Pelloux (ADT INSERM)
I. Khelfi (ADT AMU)

► **AGENTS D'ENTRETIEN**

P. Meola
C. Petrolesi

PUBLICATIONS ANNÉES 2010 et 2011

Année 2010

Attia N, Lorec AM, Domingo N, Nakbi A, Hammami S, Ben Hamda K, Châaba R, Masmoudi AS, Moulin P, **Portugal H, Lairon D**, Chanussot F, Hammami M. High density lipoprotein-anionic peptide factor effect on reverse cholesterol transport in type 2 diabetic patients with and without coronary artery disease. *Clin Biochem.* 2010;43:1079-1084.

Antoni G, **Morange PE**, Luo Y, Saut N, Burgos G, Heath S, Germain M, Biron-Andreani C, Schved JF, Pernod G, Galan P, Zelenika D, **Alessi MC**, Drouet L, Visvikis-Siest S, Wells PS, Lathrop M, Emmerich J, Tregouet DA, Gagnon F. A multi-stage multi-design strategy provides strong evidence that the BAI3 locus is associated with early-onset venous thromboembolism. *J Thromb Haemost.* 2010 8:2671-9.

Alhenc-Gelas M, Canonico M, **Morange PE**, Emmerich J; Geht Genetic Thrombophilia Group. Protein S inherited qualitative deficiency: novel mutations and phenotypic influence. *J Thromb Haemost.* 2010 ;8:2718-26.

Bernot D, Barruet E, Poggi M, Bonardo B, Alessi MC, Peiretti F. Down regulation of tissue inhibitor of metalloproteinase-3 (timp-3) expression is necessary for adipocyte differentiation. *J Biol Chem.* 2010; 285:6508-14.

Bonello L, Armero S, Ait Mokhtar O, Mancini J, Aldebert P, **Saut N**, Bonello N, Barragan P, Arques S, Giacomoni Mp, Bonello-Burignat C, Bartholomei MN, Dignat-George F, Camoin-Jau L, Paganelli F Clopidogrel Loading Dose Adjustment According to Platelet Reactivity Monitoring in Patients Carrying the 2C19 2* Loss of Function Polymorphism. 2010; *J Am Coll Cardiology* . 56(20):1630-6

Boulaftali Y, Adam F, Venisse L, Ollivier V, Richard B, Taieb S, Monard D, Favier R, **Alessi MC**, Bryckaert M, Arocas V, Jandrot-Perrus M, Bouton Mc. Anticoagulant and antithrombotic properties of platelet protease nexin-1. *Blood.* 2010 ; 115 : 97-106.

Buil A, Trégouët DA, Souto JC, **Saut N**, Germain M, Rotival M, Tiret L, Cambien F, Lathrop M, Zeller T, **Alessi MC**, Rodriguez De Cordoba S, Münzel T, Wild P, Fontcuberta J, Gagnon F, Emmerich J, Almasy L, Blankenberg S, Soria JM, Morange PE. C4BPB/C4BPA locus as a new susceptibility locus with novel mechanism for venous thrombosis: results from genome-wide association and gene expression analyses followed by case-control studies. *Blood* 2010; 115 : 4644-50

Canault M, Duerschmied D, Brill A, Stefanini L, Schatzberg D, Cifuni Sm, Bergmeier W, Wagner Dd. p38 mitogen-activated protein kinase activation during platelet storage: consequences for platelet recovery and hemostatic function in vivo. *Blood.* 2010; 115:1835-42.

Canault M, Certel K, Schatzberg D, Wagner DD, Hynes RO. The lack of ADAM17 activity during embryonic development causes hemorrhage and impairs vessel formation. *PLoS One*. 2010 ;5:e13433.

Carcao M, **Chambost H**, Ljung R. Devising a best practice approach to prophylaxis in boys with severe haemophilia: evaluation of current treatment strategies. *Haemophilia*. 2010 ;16 Suppl 2:4-9.

Chambost H, Suzan F; pour le Réseau FranceCoag. [Epidemiology of hereditary bleeding disorders: input of FranceCoag Network]. *Arch Pediatr*. 2010. 17(6):618-9. .

Chambost H. Assessing risk factors: prevention of inhibitors in haemophilia. *Haemophilia*. 2010 Mar;16 Suppl 2:10-5. Review.

Chambost H. Prophylaxis in patients with haemophilia: introduction. *Haemophilia*. 2010 Mar;16 Suppl 2:1-3.

Chirila A, **Gaborit B**, **Morange PE**, **Dutour A**, **Boullu-Ciocca S**. [What can we do with genetic screening of obesity in clinical practice?]. *Presse Med*. 2010. 39(9):921-9 (revue)

Cuisset T, **Frere C**, Moro PJ, **Quilici J**, Pons C, **Gaborit B**, Camoin L, **Morange PE**, **Bonnet JL**, **Alessi MC**. Lack of effect of chronic kidney disease on clopidogrel response with high loading and maintenance doses of clopidogrel after Acute Coronary Syndrome. *Thromb Res*. 2010 ;126(5):e400-2.

Cuisset T, **Frere C**, **Poyet R**, **Quilici J**, **Gaborit B**, Bali L, Brissy O, Lambert M, **Morange PE**, **Alessi MC**, **Bonnet JL**. Clopidogrel response: Head-to-head comparison of different platelet assays to identify clopidogrel non responder patients after coronary stenting. *Arch Cardiovasc Dis*. 2010 ;103:39-45.

Cuisset T, **Frere C**, **Quilici J**, **Uhry S**, **Alessi MC**, **Bonnet JL**. Post-PCI fatal bleeding in aspirin and clopidogrel hyper responder Shifting from antiplatelet resistance to bleeding risk assessment? *Int J Cardiol*. 2010 ; 138 : 212-13

Cuisset T, Hamilos M, Delrue L, **Frere C**, Verhamme K, Bartunek J, **Saut N**, **Bonnet JL**, Eijgelsheim M, Wijns W, **Alessi MC**, Barbato E. Adrenergic receptor polymorphisms and platelet reactivity after treatment with dual antiplatelet therapy with aspirin and clopidogrel in acute coronary syndrome. *Thromb Haemost*. 2010 ; 103 : 774-9.

Cuisset T, Valgimigli M, Mudra H, Muller O, Wijns W, Huber K. Rationale and use of antiplatelet and antithrombotic drugs during cardiovascular interventions: May 2010 update. *EuroIntervention*. 2010 ;6 :39-45. (revue)

Darmon N, Maillot M. In foods, energy is cheap where it is abundant and expensive where it is scarce: this is a fact, not an artifact (letter, answer to Lipsky). *Am J Clin Nutr*, 2010;91:1068-1069.

Darmon N. [Balanced diet in spite of precarious conditions?]. *Soins*. 2010Apr;(744 Suppl):S10-2. French.

Desplat-Jégo S, Deharveng I, Barone R, **Valéro R**, Bégu-Le Corroller A, Mancini J, **Vialettes B**. Anti-cyclic citrullinated peptide (anti-CCP) antibodies in Type 1 diabetes. *Diabetic Medicine* (letter), 2010, 27: 1-2.

Dutour A, **Achard V**, Sell H, Naour N, Collart F, **Gaborit B**, **Silaghi A**, Eckel J, **Alessi MC**, Henegar C, Clément K. Secretory Type II Phospholipase A2 Is Produced and Secreted by Epicardial Adipose Tissue and Overexpressed in Patients with Coronary Artery Disease. *J Clin Endocrinol Metab*. 2010 ;95 :963-7.

Ferguson JF, Phillips CM, Tierney AC, Pérez-Martínez P, Defoort C, Helal O, **Lairon D**, **Planells R**, Shaw DI, Lovegrove JA, Gjelstad IM, Drevon CA, Blaak EE, Saris WH, Leszczynska-Golabek I, Kiec-Wilk B, Risérus U, Karlström B, Miranda JL, Roche HM. Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1 interact with plasma saturated fatty acids to modulate insulin resistance. *Am J Clin Nutr*. 2010;91:794-801.

Fontaine-Bisson B, **Alessi MC**, Saut N, Fumeron F, Marre M, **Dutour A**, Badens C, Levy N, Tichet J, **Juhan-Vague I**, Tregouët DA, Balkau B, **Morange PE**. Polymorphisms of the lamina maturation pathway and their association with the metabolic syndrome: the DESIR prospective study. *J Mol Med*. 2010; 88 : 193-201.

Gaborit B, Cuisset T, Frère C, Alessi MC, Dutour A. Glycemic control and clopidogrel response. *Am Heart J*. 2010; 159 :e35.

Gerstein HC, Ratner RE, Cannon CP, Serruys PW, García-García HM, van Es GA, Kolatkar NS, Kravitz BG, Miller DM, Huang C, Fitzgerald PJ, Nesto RW; APPROACH Study Group. Effect of rosiglitazone on progression of coronary atherosclerosis in patients with type 2 diabetes mellitus and coronary artery disease: the assessment on the prevention of progression by rosiglitazone on atherosclerosis in diabetes patients with cardiovascular history trial. *Circulation*. 2010;121:1176-87.

Gulseth HL, Gjelstad IM, Tierney AC, Lovegrove JA, **Defoort C**, Blaak EE, Lopez-Miranda J, Kiec-Wilk B, Ris U, Roche HM, Drevon CA, Birkeland KI Serum vitamin D concentration does not predict insulin action or secretion in European subjects with the metabolic syndrome. *Diabetes Care*. 2010;33:923-5.

Halimi S, **Racah D**, Schweizer A, Dejager S. Role of vildagliptin in managing type 2 diabetes mellitus in the elderly. *Curr Med Res Opin*. 2010 Jul;26:1647-56. Review.

Hammoud A, **Gastaldi M**, Maillot M, Mercier CS, **Defoort C, Lairon D, Planells R**. APOB-516 T allele homozygous subjects are unresponsive to dietary changes in a three-month primary intervention study targeted to reduce fat intake. *Genes Nutr*. 2010;5:29-37.

Hartwich J, Leszczynska-Golabek I, Kiec-Wilk B, Siedlecka D, Pérez-Martinez P, Marin C, López-Miranda J, Tierney A, Monagle JM, Roche HM, **Defoort C**, Wolkow P, Dembinska-Kiec A Lipoprotein profile, plasma ischemia modified albumin and LDL density change in the course of postprandial lipemia. Insights from the LIPGENE study. *Scand J Clin Lab Invest*. 2010;70:201-8.

Hassan M, **Yazidi CE, Malezet-Desmoulins C, Amiot MJ & Margotat A**. Gene expression profiling of 3T3-L1 adipocytes exposed to phloretin. *J Nutr Biochem*.2010;21:645-52.

Helal O, **Defoort C**, Robert S, Marin C, Lesavre N, Lopez-Miranda J, Risérus U, Basu S, Lovegrove J, McMonagle J, Roche HM, Dignat-George F, **Lairon D**. Increased levels of microparticles originating from endothelial cells, platelets and erythrocytes in subjects with metabolic syndrome: Relationship with oxidative stress. *Nutr Metab Cardiovasc Dis*. 2010 21(9):665-71

Jiménez-Gómez Y, Marín C, Peérez-Martínez P, Hartwich J, Malczewska-Malec M, Golabek I, Kiec-Wilk B, Cruz-Teno C, Rodríguez F, Gómez P, Gómez-Luna MJ, **Defoort C**, Gibney MJ, Pérez-Jiménez F, Roche HM, López-Miranda J. A Low-Fat, High-Complex Carbohydrate Diet Supplemented with Long-Chain (n-3) Fatty Acids Alters the Postprandial Lipoprotein Profile in Patients with Metabolic Syndrome. *J Nutr*. 2010;140:1595-601.

Poyet R, **Cuisset T**, Frere C, **Quilici J, Gaborit B**, Moro PJ, Camoin L, **Morange PE, Bonnet JL, Alessi MC**. Comparison of rosuvastatin and atorvastatin on clopidogrel response and lipidic and inflammatory parameters after coronary stenting for acute coronary syndrome: the prospective, randomized OSCAR study (optimal statin therapy with clopidogrel after coronary revascularisation). *Thromb Res*. 2010 ;126(5):e397-9.

Landrier JF, Gouranton E, Reboul E, Cardinault N, El Yazidi C, **Malezet-Desmoulins C**, André M, **Nowicki M**, Soudi M, **Borel P**. Vitamin E decreases endogenous cholesterol synthesis and apo-AI-mediated cholesterol secretion in Caco-2 cells. *J Nutr Biochem*. 2010 ;21(12):1207-13.

Lavigne-Lissalde G, **Sanchez C**, Castelli C, Alonso S, Mazoyer E, Bal Dit Sollier C, Drouet L, **Juhan-Vague I**, Gris JC, **Alessi MC, Morange PE**. In prothrombin G20210A carriers the genetic mutation and the history of Venous Thrombosis contribute both to thrombin generation independently of factor II plasma levels. *J Thromb Haemost*. 2010; 8 : 942-9.

López-Miranda J, Pérez-Jiménez F, Ros E, De Caterina R, Badimón L, Covas MI, Escrich E, Ordovás JM, Soriguer F, Abiá R, de la Lastra CA, Battino M, Corella D, Chamorro-Quirós J, Delgado-Lista J, Giugliano D, Esposito K, Estruch R, Fernandez-Real JM, Gaforio JJ, La Vecchia C, **Lairon D**, López-Segura F, Mata P, Menéndez JA, Muriana FJ, Osada J, Panagiotakos DB, Paniagua JA, Pérez-Martínez P, Perona J, Peinado MA, Pineda-Priego M, Poulsen HE, Quiles JL, Ramírez-Tortosa MC, Ruano J, Serra-Majem L, Solá R, Solanas M, Solfrizzi V, de la Torre-Fornell R, Trichopoulou A, Uceda M, Villalba-Montoro JM, Villar-Ortiz JR, Visioli F, Yiannakouris N. Olive oil and health: summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008. *Nutr Metab Cardiovasc Dis*. 2010;20:284-94.

Luc G, Empana JP, **Morange PE**, **Juhan-Vague I**, Arveiler D, Ferrieres J, Amouyel P, Evans A, Kee F, Bingham A, Machez E, Ducimetiere P. Adipocytokines and the risk of coronary heart disease in healthy middle aged men: the Prime study. *Int J Obesity*. 2010; 34: 118-126.

Maillot M, **Darmon N**, Drewnowski A. Are the lowest-cost healthful food plans culturally and socially acceptable? *Publ Health Nutr*, 2010, 13:1178-1185.

Maillot M, **Vieux F**, **Amiot MJ**, **Darmon N**. Individual diet modeling translates nutrient recommendations into realistic and individual-specific food choices. *Am J Clin Nutr*, 2010;91:421-430.

Meas T, Deghmoun S, Chevenne D, **Gaborit B**, **Alessi MC**, Levy-Marchal C. PAI-1 is an independent marker of metabolic disorders in young adults born SGA *J Thromb Haemost* 2010 8:2608-13

Méjean C, Deschamps V, Bellin-Lestienne C, Oleko A, **Darmon N**, Hercberg S, Castetbon K. Sociodemographic and economic determinants of overweight and obesity in female food-aid users in France (The ABENA study, 2004-2005). *Prev Med* 2010;51(6): 517-8.

Méjean C, Deschamps V, Bellin-Lestienne C, Oleko A, **Darmon N**, Hercberg S, Castetbon K. Associations between socioeconomic factors and inadequate dietary intake in food aid users (The ABENA study 2004-2005). *Eur J Clin Nutr*, 2010;64:374-382.

Méjean C, Deschamps V, Bellin-Lestienne C, Oleko A, **Darmon N**, Hercberg S, Castetbon K. Sociodemographic and economic determinants of overweight and obesity in female food-aid users in France (the ABENA study 2004-2005). *Prev Med*. 2010;51(6):517-8.

Molines L, Darmon P, **Racah D**. Charcot's foot: newest findings on its pathophysiology, diagnosis and treatment. *Diabetes Metab*. 2010 Sep;36(4):251-5.

Monpoux F, **Chambost H**, Haouy S, Benadiba J, Sirvent N. [Recombinant activated factor VII in paediatric practice. Universal hemostatic agent?]. *Arch Pediatr*. 2010 ;17(8):1210-9.

Morange PE, Bezemer I, **Saut N**, Bare L, Burgos G, Brocheton J, Durand H, Biron-Andreani C, Schved Jf, Pernod G, Galan P, Drouet L, Zelenika D, Germain M, Nicaud V, Heath S, Ninio E, Delluc A, Münzel T, Zeller T, Brand-Herrmann Sm, **Alessi MC**, Tiret L, Lathrop M, Cambien F, Blankenberg S, Emmerich J, DA Trégouët DA, Rosendaal Fr. A follow-up study of a genome-wide association scan identifies a susceptibility locus for venous thrombosis on chromosome 6p24.1. *Am J Hum Genet*. 2010; 86 : 655

Morange PE, Tregouët DA. Deciphering the molecular basis of venous thromboembolism: where are we and where should we go? *Br J Haematol*. 2010; 148 : 495-506.

Nogueira JP, **Maraninchi M**, **Portugal H**, Lorec AM, Begu-Le Corroller A, **Nicolay A**, Gaudart J, **Vialettes B**, **Valéro R**. Specific Adipocytokines Profiles in Patients with Hyperactive and/or Binge/Purge Form of Anorexia Nervosa. *Eur J Clin Nutr*. 2010;64:240-4.

Phillips CM, Goumidi L, Bertrais S, Ferguson JF, Field MR, Kelly ED, Mehegan J, Peloso GM, Cupples LA, Shen J, Ordovas JM, McManus R, Hercberg S, **Portugal H**, **Lairon D**, **Planells R**, Roche HM. Additive effect of polymorphisms in the IL-6, LTA, and TNF- α genes and plasma fatty acid level modulate risk for the metabolic syndrome and its components. *J Clin Endocrinol Metab*. 2010;95:1386-94.

Phillips CM, Goumidi L, Bertrais S, Field MR, Cupples LA, Ordovas JM, Defoort C, Lovegrove JA, Drevon CA, Gibney MJ, Blaak EE, Kiec-Wilk B, Karlstrom B, Lopez-Miranda J, McManus R, Hercberg S, **Lairon D, Planells R**, Roche HM. Gene-nutrient interactions with dietary fat modulate the association between genetic variation of the ACSL1 gene and metabolic syndrome. *J Lipid Res.* 2010;51:1793-800.

Phillips CM, Goumidi L, Bertrais S, Field MR, Cupples LA, Ordovas JM, McMonagle J, **Defoort C**, Lovegrove JA, Drevon CA, Blaak EE, Kiec-Wilk B, Riserus U, Lopez-Miranda J, McManus R, Hercberg S, **Lairon D, Planells R**, Roche HM. ACC2 gene polymorphisms, metabolic syndrome and gene-nutrient interactions with dietary fat. *J Lipid Res.* 2010; 51:3500-7

Phillips CM, Goumidi L, Bertrais S, Field MR, Ordovas JM, Cupples LA, **Defoort C**, Lovegrove JA, Drevon CA, Blaak EE, Gibney MJ, Kiec-Wilk B, Karlstrom B, Lopez-Miranda J, McManus R, Hercberg S, **Lairon D, Planells R**, Roche HM. Leptin receptor polymorphisms interact with polyunsaturated fatty acids to augment risk of insulin resistance and metabolic syndrome in adults. *J Nutr.* 2010;140:238-44

Phillips CM, Tierney AC, Pérez-Martínez P, **Defoort C**, Helal O, Lairon D, **Planells R**, Shaw DI, Lovegrove JA, Gjelstad IM, Drevon CA, Blaak EE, Saris WH, Leszczynska-Golabek I, Kiec-Wilk B, Riserus U, Karlström B, Miranda JL, Roche HM. Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1 interact with plasma saturated fatty acids to modulate insulin resistance. *Am J Clin Nutr.* 2010;91:794-801.

Picard V, Chen JM, Tardy B, **Aillaud MF**, Boiteux-Vergnes C, Dreyfus M, Emmerich J, Lavenu-Bombled C, Nowak-Göttl U, Trillot N, Aiach M, Alhenc-Gelas M. Detection and characterisation of large SERPINC1 deletions in type I inherited antithrombin deficiency. *Hum Genet.* 2010 ; 127 :45-53.

Thabuis C, Destailhats F, **Landrier J-F**, Tissot-Favre D, **Martin J-C**. Analysis of gene expression pattern reveals potential targets of dietary oleoylethanolamide in reducing body fat gain in C3H mice. *J Nutr Biochem.* 2010. 21:922-8.

Visioli F, Alarcón de la Lastra C, Andres-Lacueva C, Aviram M, Calhau C, Cassano A, D'Archivio M, Faria A, **Favé G**, Fogliano V, Llorach R, Vitaglione P, Zoratti M and Edeas M. Polyphenols and human health: a prospectus. *Crit Rev Food Sci Nutr* 2010 ;20:284-94. (Review)

Année 2011

Achard V, Tassistro V, **Boullu-Ciocca V**, **Grino M**. Expression and nutritional regulation of the (pro)renin receptor in rat visceral adipose tissue. *J Endocrinol Invest.* 2011, 34: 840-846. (IF = 1.566)

Albers CA, Cvejic A, Favier R, Bouwmans EE, **Alessi MC**, Bertone P, Jordan G, Kettleborough RN, Kiddle G, Kostadima M, Read RJ, Sipos B, Sivapalaratnam S, Smethurst PA, Stephens J, Voss K, Nurden A, Rendon A, Nurden P, Ouwehand WH. Exome sequencing identifies NBEAL2 as the causative gene for gray platelet syndrome. *Nat Genet.* 2011 17;43:735-7. (IF = 35.532)

Alessi MC, Nicaud V, Scroyen I, Lange C, **Saut N**, Fumeron F, Marre M, Lantieri O, Fontaine-Bisson B, Juhan-Vague I, Balkau B, Tregouet DA, Morange PE; DESIR Study Group. Association of vitronectin and plasminogen activator inhibitor-1 levels with the risk of metabolic syndrome and type 2 diabetes mellitus. Results from the D.E.S.I.R. prospective cohort. *Thromb Haemost.* 2011;106:416-22. (IF = 4.295)

Amengual J, **Gouranton E**, van Helden Yg, Hessel S, Ribot J, Kramer E, Kiec-Wilk B, Razny U, Lietz G, Wyss A, Dembinska-Kiec A, Palou A, Keijer J, **Landrier JF**, Bonet MI, Von Lintig J. Beta-Carotene Reduces Body Adiposity of Mice via BCMO1. *PLoS One.* 2011;6:e20644. (IF = 4.092)

Amiot MJ, Knol D, Cardinault N, **Nowicki M**, **Bott R**, **Antona C**, **Borel P**, Bernard JP, Duchateau G, **Lairon D**. Phytosterol ester processing in the small intestine; impact on cholesterol availability for absorption and chylomicron cholesterol incorporation in healthy humans. *J Lipid Res.* 2011, 52:1256-64. (IF = 5.559)

Morange PE, Oudot-Mellakh T, **Cohen W**, Germain M, Saut N, Antoni G, **Alessi MC**, Bertrand M, Dupuy AM, Letenneur L, Lathrop M, Lopez LM, Lambert JC, Emmerich J, Amouyel P, **Tréguoët DA**. KNG1 Ile581Thr and susceptibility to venous thrombosis. *Blood.* 2011, 31;117:3692-4. (IF = 10.558)

Antoni G, Oudot-Mellakh T, Dimitromanolakis A, Germain M, **Cohen W**, Wells P, Lathrop M, Gagnon F, **Morange PE**, **Tregouet DA**. Combined analysis of three genome-wide association studies on vWF and FVIII plasma levels. *BMC Med Genet*. 2011, 2;12:102. (IF = 2.328)

Bach-Faig A, Berry EM, **Lairon D**, Reguant J, Trichopoulou A, Dernini S, Medina FX, Battino M, Belahsen R, Miranda G, Serra-Majem L. Mediterranean Diet Foundation Expert Group. Mediterranean diet pyramid today Science and cultural updates *Public health Nutr*. 2011, 14, 2274-84. (IF = 2.169)

Bannwarth S, Abbassi M, **Valéro R**, Fragati K, Dubois N, **Vialettes B**, Paquis-Flucklinger V. A novel unstable mutation in mitochondrial DNA responsible for maternal inherited diabetes and deafness. *Diabetes Care*, 2011;342591-3. (IF = 8.087)

Barbier M, Faille D, Loriod B, Textoris J, Camus C, Puthier D, Flori L, Wassmer SC, Victorero G, **Alessi MC**, Fusaï T, Nguyen C, Grau GE, Rihet P. Platelets alter gene expression profile in human brain endothelial cells in an in vitro model of cerebral malaria. *PLoS One*. 2011;6:e19651. (IF = 4.092)

Barruet E, Hadadeh O, **Peiretti F**, Renault VM, Hadjal Y, Bernot D, Tournaire R, Negre D, Juhan-Vague I, **Alessi MC**, **Binétruy B**. p38 mitogen activated protein kinase controls two successive-steps during the early mesodermal commitment of embryonic stem cells. *Stem Cells Dev*. 2011 ;201233-46. (IF = 4.459)

Bataille S, Berland Y, **Fontes M**, Burtey S. High Resolution Melt analysis for mutation screening in PKD1 and PKD2. *BMC Nephrol*. 2011, 18:12:57. (IF = 4.176)

Bataille S, Demoulin N, Devuyst O, Audrézet MP, Dahan K, Godin M, **Fontès M**, Pirson Y, Burtey S. Association of PKD2 (polycystin 2) mutations with left-right laterality defects. *Am J Kidney Dis*. 2011;58456-60. (IF = 5.434)

Bellanné-Chantelot C, Lévy DJ, Carette C, Saint-Martin C, Riveline JP, Larger E, **Valéro R**, Gautier JF, Reznik Y, Sola A, Hartemann A, Laboureau-Soares S, Laloi-Michelin M, Lecomte P, Chaillous L, Dubois-Laforgue D, Timsit J., Clinical Characteristics and Diagnostic Criteria of Maturity-Onset Diabetes Of The Young (MODY) due to Molecular Anomalies of the HNF1A Gene. *J Clin Endocr Metab*, 2011;96:E1346-5. (IF = 5.967)

Berenguer M, Zhang J, Bruce MC, Martinez L, Gonzalez T, Gurtovenko AA, Xu T, Le Marchand-Brustel Y, **Govers R**. Dimethyl sulfoxide enhances GLUT4 translocation through a reduction in GLUT4 endocytosis in insulin-stimulated 3T3-L1 adipocytes. *Biochimie*. 2011;93:697-709. (IF = 3.022)

Bernot D, **Stalin J**, Stocker P, **Bonardo B**, Scroyen I, **Alessi MC**, **Peiretti F**. Plasminogen activator inhibitor 1 is an intracellular inhibitor of furin proprotein convertase. *J Cell Sci*. 2011; 15;124(Pt 8):1224-30. (IF = 6.111)

Borel P, Szabo de Edelenyi F, Vincent-Baudry S, **Malezet Desmoulin C**, **Margotat A**, Lyan B, Gorrard JM, Meunier N, Bieuvelet S. Genetic variants in BCMO1 and CD36 are associated with plasma lutein concentrations and macular pigment optical density in humans. *Ann Med*. 2011; 43:47-59. (IF = 3.516)

Brar SS, Ten Berg J, Marcucci R, Price MJ, Valgimigli M, Kim HS, Patti G, Breet NJ, Disciascio G, **Cuisset T**, Dangas G. Impact of platelet reactivity on clinical outcomes after percutaneous coronary intervention a collaborative meta-analysis of individual participant data. *J Am Coll Cardiol*. 2011;1;58:1945-54. (IF = 14.156)

Castetbon K, Méjean C, Deschamps V, Bellin-Lestienne C, Noukpoapéa A, **Darmon N**, Hercberg S. Dietary behaviours and nutritional status in underprivileged people using food aid (ABENA study, 2004-2005). *J Hum Nutr Diet*. 2011;24:560-71. (IF = 1.738)

Chaussonot A, Bannwarth S, Rouzier C, **Vialettes B**, Mkadem SA, Chabrol B, Cano A, Labauge P, Paquis-Flucklinger V. Neurologic features and genotype-phenotype correlation in Wolfram syndrome. *Ann Neurol*. 2011;69:501-8. (IF = 11.089)

Collet JP, Cayla G, **Cuisset T**, Elhadad S, Rangé G, Vicaut E, Montalescot G. Randomized comparison of platelet function monitoring to adjust antiplatelet therapy versus standard of care: rationale and design of the assessment with a double randomization of (1) a fixed dose versus a monitoring-guided dose of

aspirin and clopidogrel after DES implantation, and (2) treatment interruption versus continuation, 1 year after stenting (ARCTIC) study. *Am Heart J.* 2011;161:5-12.e5. (IF = 4.651)

Cuisset T, Fernandez C, Jolibert M, Unal C, Quilici J. Acute coronary syndrome due to extrinsic compression of the left coronary system by metastatic liposarcoma successful treatment with percutaneous coronary intervention. *J Am Coll Cardiol.* 2011;1;58:2014. (IF = 14.156)

Cuisset T, Franceschi F, Prevot S, Ansaldi S, Habib G, Pankert M, Fourcade L, Poyet R, **Bonnet JL**, Quilici J. Transradial approach and subclavian wired temporary pacemaker to increase safety of alcohol septal ablation for treatment of obstructive hypertrophic cardiomyopathy: the TRASA trial. *Arch Cardiovasc Dis.* 2011;104:444-9. (IF = 3.516)

Cuisset T, **Morange PE**, **Alessi MC**. High residual platelet reactivity and thrombotic events. *JAMA.* 2011;306:2561; author reply 2561-2. (IF = 30.026)

Cuisset T, **Morange PE**, **Alessi MC**. Recent advances in the pharmacogenetics of clopidogrel. *Hum Genet.* 2011; 131:653-64. (IF = 5.069)

Cuisset T, **Morange PE**, Quilici J, **Bonnet JL**, Gachet C, **Alessi MC**. Paraoxonase-1 and clopidogrel efficacy. *Nat Med.* 2011.7;17:1041-2; author reply 1042-4. (IF = 22.462)

Cuisset T, Pankert M, Quilici J. Synergy between pharmacological and mechanical reperfusion in ST-segment elevation myocardial infarction patients: 2011 update. *J Cardiovasc Med.* 2011; 12:860-7. (IF = 1.510)

Cuisset T, Quilici J, **Cohen W**, Fourcade L, **Saut N**, Pankert M, Gaborit B, Carrieri P, **Morange PE**, **Bonnet JL**, **Alessi MC**. Usefulness of high clopidogrel maintenance dose according to CYP2C19 genotypes in clopidogrel low responders undergoing coronary stenting for non ST elevation acute coronary syndrome. *Am J Cardiol.* 2011;108:760-5. (IF = 3.368)

Cuisset T, Quilici J, Fugon L, Carrieri P. Non adherence to thienopyridine after coronary stenting. *Am J Cardiol.* 2011;107:1866-7. (IF = 3.368)

Cuisset T, Quilici J, Fugon L, **Cohen W**, Roux P, **Gaborit B**, Molines L, Fourcade L, **Bonnet JL**, Carrieri P. Non-adherence to aspirin in patients undergoing coronary stenting: negative impact of comorbid conditions and implications for clinical management. *Arch Cardiovasc Dis.* 2011;104:306-12. (IF = 1.513)

Cuisset T, Quilici J, **Grosdidier C**, Fourcade L, **Gaborit B**, Pankert M, Molines L, **Morange PE**, **Bonnet JL**, **Alessi MC**. Comparison of Platelet Reactivity and Clopidogrel Response in Patients ≤ 75 Years Versus >75 Years Undergoing Percutaneous Coronary Intervention for Non-ST-Segment Elevation Acute Coronary Syndrome. *Am J Cardiol.* 2011;108:1411-6. (IF = 5.069)

Cuisset T, Quilici J, Pankert M, Fourcade L, Poyet R, Lambert M, **Bonnet JL**. Usefulness of Index of Microcirculatory Resistance to detect microvascular dysfunction as a potential mechanism of stress-induced cardiomyopathy (tako-tsubo syndrome). *Int J Cardiol.* 2011;153:e51-3. (IF = 6.802)

Goncalves A, **Gleize B**, **Bott R**, **Nowicki M**, **Amiot MJ**, **Lairon D**, **Borel P**, **Reboul E**. Phytosterols can impair vitamin D intestinal absorption in vitro and in mice. *Mol Nutr Food Res.* 2011;55;2:S303-11. (IF = 4.301)

Dadoun F, **Dutour A**. Ramadan fasting with diabetes: an interview study of inpatients' and general practitioners' attitudes in the south of France. *Diabetes Metab Res.* 2011;37:395-402. (IF = 3.373)

Dao TM, Waget A, Klopp P, Serino M, Vachoux C, Pechere L, Drucker DJ, **Champion S**, Barthélemy S, **Barra Y**, Burcelin R, **Sérée E**. Resveratrol increases glucose induced GLP-1 secretion in mice: a mechanism which contributes to the glycaemic control. *PLoS One.* 2011;6:e20700. (IF = 4.092)

Defoort C, Vincent-Baudry S, **Lairon D**. Effects of 3-month Mediterranean-type diet on postprandial TAG and apolipoprotein B48 in the Medi-RIVAGE cohort. *Public Health Nutr.* 2011;14:2302-8. (IF = 2.169)

Delgado-Lista J, Perez-Martinez P, García-Rios A, Phillips CM, Williams CM, Gulseth HL, Helal O, Blaak EE, Kiec-Wilk B, Basu S, Drevon CA, **Defoort C**, Saris WH, Wybranska I, Riserus U, Lovegrove JA,

Roche HM, Lopez-Miranda J. Pleiotropic effects of TCF7L2 gene variants and its modulation in the metabolic syndrome: from the LIPGENE study. *Atherosclerosis*. 2011;214:110-6. (IF = 3.794)

Dutour A, Roll P, Gaborit B, Courrier S, **Alessi MC**, Tregouet DA, Angelis F, Robaglia-Schlupp A, Lesavre N, Cau P, Lévy N, Badens C, **Morange PE**. High prevalence of laminopathies among patients with metabolic syndrome. *Hum Mol Genet*. 2011;20:3779-86. (IF = 7.636)

Faille D, Frere C, **Cuisset T**, Quilici J, Moro PJ, **Morange PE**, Bonnet JL, **Alessi MC**. CD11b+ leukocyte microparticles are associated with high-risk angiographic lesions and recurrent cardiovascular events in acute coronary syndromes. *J Thromb Haemost*. 2011;1870-3. (IF = 5.731)

Favé G, Beckmann M, Lloyd AJ, Zhou S, Harold G, Lin W, Taillart K, Xie L, Draper J, Mathers JC. Development and validation of a standardized protocol to monitor human dietary exposure by metabolite fingerprinting of urine samples. *Metabolomics*. 2011;469-484. (IF = 4.505)

Gaborit B, Dutour O, Ronsin O, Atlan C, **Darmon P**, Gharsalli R, Pradel V, Dadoun F, **Dutour A**. Ramadan fasting with diabetes: an interview study of inpatients' and general practitioners' attitudes in the South of France. *Diabetes Metab Res*. 2011;37:395-402. (IF = 3.373)

Garcia C, Millet V, Coste T C, Mimoun M, Ridet A, **Antona C**, Simeoni U, Armand M. French mothers' milk deficient in DHA contains phospholipid species of potential interest for infant development. *J Pediatr Gastroenterol Nutr*. 2011;53:206-12. (IF = 2.298)

Garcia-Rios A, Delgado-Lista J, Perez-Martinez P, Phillips CM, Ferguson JF, Gjelstad IM, Williams CM, Karlström B, Kieć-Wilk B, Blaak EE, **Lairon D**, **Planells R**, Malczewska-Malec M, **Defoort C**, Riserus U, Saris WH, Lovegrove JA, Drevon CA, Roche HM, Lopez-Miranda J. Genetic variations at the lipoprotein lipase gene influence plasma lipid concentrations and interact with plasma n-6 polyunsaturated fatty acids to modulate lipid metabolism. *Atherosclerosis*. 2011;218:416-22. (IF = 3.794)

Genton L, Karsegard VL, Chevalley T, Kossovsky MP, **Darmon P**, Pichard C. Body composition changes over 9 years in healthy elderly subjects and impact of physical activity. *Clin Nutr*. 2011;30:436-42. (IF = 3.731)

Germain M, **Saut N**, Greliche N, Dina C, Lambert JC, Perret C, **Cohen W**, Oudot-Mellakh T, Antoni G, **Alessi MC**, Zelenika D, Cambien F, Tired L, Bertrand M, Dupuy AM, Letenneur L, Lathrop M, Emmerich J, Amouyel P, Trégouët DA, **Morange PE**. Genetics of venous thrombosis: insights from a new genome wide association study. *PLoS One*. 2011;6:e25581. (IF = 4.092)

Gomez-Bougie P, Ménoret E, Juin P, Dousset C, Pellat-Deceunynck C, **Amiot M**. Noxa controls Mule-dependent Mcl-1 ubiquitination through the regulation of the Mcl-1/USP9X interaction. *Biochem Biophys Res Commun*. 2011;413, 460-464. (IF = 2.484)

Gouranton E, Aydemir G, Reynaud E, **Marcotorchino J**, **Malezet C**, Caris-Veyrat C, Blomhoff R, **Landrier JF**, Rühl R. Apo-10'-lycopenoic acid impacts adipose tissue biology via the retinoic acid receptors. *Biochim Biophys Acta L*. 2011;1811:1105-14. (IF = 5.269)

Gouranton E, Thabuis C, Riollet C, **Malezet C**, El Yazidi C, **Amiot MJ**, **Borel P**, **Landrier JF**. Lycopene inhibits proinflammatory cytokine and chemokine expression in adipose tissue. *J Nutr Biochem*. 2011;22:642-8. (IF = 3.891)

Guagliardo V, Lions C, **Darmon N**, Verger P. Eating at the university canteen: is it associated with healthier dietary habits in French students? *Appetite*. 2011;56:90-95. (IF = 2.585)

Hamilos M, Muller O, Ntalianis A, Trana C, Bartunek J, Sarno G, Mangiacapra F, Dierickx K, Meeus P, **Cuisset T**, De Bruyne B, Wijns W, Barbato E. Relationship between peripheral arterial reactive hyperemia and residual platelet reactivity after 600 mg clopidogrel. *J Thromb Thrombolysis*. 2011;32:64-71. (IF = 1.476)

Hanss M, Pouymayou C, Blouch MT, Lellouche F, Ffrench P, Rousson R, Abgrall JF, **Morange PE**, Quélin F, de Mazancourt P. The natural occurrence of human fibrinogen variants disrupting inter-chain disulfide bonds (A α -Cys36Gly, A α -Cys36Arg and A α -Cys45Tyr) confirms the role of N-terminal A α disulfide bonds in protein assembly and secretion. *Haematol-Hematol J*. 2011 ;96:1226-30. (IF = 6.424)

Huber K, Airaksinen KJ, **Cuisset T**, Marín F, Rubboli A, Lip GY. Antithrombotic therapy in patients with atrial fibrillation undergoing coronary stenting: similarities and dissimilarities between North America and Europe. *Thromb Haemost.* 2011;106:569-71. (IF = 4.295)

Issa C, **Darmon N**, Salameh P, **Maillot M**, Batal M, **Lairon D**. A Mediterranean diet pattern with low consumption of liquid sweets and refined cereals is negatively associated with adiposity in adults from rural Lebanon. *Int J Obes.* 2011;35:251-58. (IF = 6.424)

Johnson CY, Tuite A, **Morange PE**, Tregouet DA, Gagnon F. The factor XII -4C>T variant and risk of common thrombotic disorders: A HuGE review and meta-analysis of evidence from observational studies. *Am J Epidemiol.* 2011;173:136-44. Review. (IF = 5.216)

Lairon D, **Defoort C**. Effects of nutrients on postprandial lipemia. *Curr Vasc Pharmacol.* 2011;9:309-12. Review. (IF = 2.896)

Lebreton A, Lapalud P, **Chambost H**, Biron-Andréani C, **Morange PE**, Combescure C, Marquès-Verdier A, Berger C, Schved JF, Granier C, Lavigne-Lissalde G. Prevalence and epitope specificity of non-neutralising antibodies in a large cohort of haemophilia A patients without inhibitors. *Thromb Haemost.* 2011;105:954-61. (IF = 4.295)

Lecompte S, Szabo De Edelenyi F, Goumidi L, Maiani G, Moschonis G, Widhalm K, Molnar D, Kafatos A, Spinneker A, Breidenassel C, Dallongeville J. Meirhaerghe-Hurez, **Borel P**. Polymorphisms in the CD36/FAT gene are associated with plasma vitamin concentrations in humans. *Am J Clin Nutr.* 2011;93:644-51. (IF = 6.669)

Lloyd AJ, Beckmann M, **Favé G**, Mathers JC, Draper J. Proline betaine and its biotransformation products in fasting urine samples are potential biomarkers of habitual citrus fruit consumption. *Brit J Nutr.* 2011;106:812-24. (IF = 3.013)

Lloyd AJ, **Favé G**, Beckmann M, Lin W, Taillart K, Xie L, Mathers JC, Draper J. Use of mass spectrometry fingerprinting to identify urinary metabolites after consumption of specific foods. *Am J Clin Nutr.* 2011;94:981-91. (IF = 6.669)

Maillot M, Drewnowski A, **Vieux F**, **Darmon N**. Quantifying the contribution of foods with unfavourable nutrient profiles to nutritionally adequate diets. *Brit J Nutr.* 2011;105:1133-7. (IF = 3.013)

Maillot M, Issa C, **Vieux F**, **Lairon D**, **Darmon N**. The shortest way to reach nutritional goals is to adopt Mediterranean food choices: evidence from computer-generated personalized diets. *Am J Clin Nutr.* 2011;94:1127-37. (IF = 6.669)

Million M, **Maraninchi M**, Henry M, Armougom F, Richet H, Carrieri P, **Valero R**, **Racch D**, **Vialettes B**, Raoult D. Obesity-associated gut microbiota is enriched in *Lactobacillus reuteri* and depleted in *Bifidobacterium animalis* and *Methanobrevibacter smithii*. *Int J Obes (Lond).* 2012 Jun;36:817-25.

Morange PE, Oudot-Mellakh T, **Cohen W**, Germain M, **Saut N**, Antoni G, **Alessi MC**, Bertrand M, Dupuy AM, Letenneur L, Lathrop M, Lopez LM, Lambert JC, Emmerich J, Amouyel P, Trégouët DA. KNG1 Ile581Thr and susceptibility to venous thrombosis. *Blood.* 2011;31;117:3692-4. (IF = 10.558)

Morange PE, **Saut N**, Antoni G, Emmerich J, Trégouët DA. Impact on venous thrombosis risk of newly discovered gene variants associated with FVIII and VWF plasma levels. *J Thromb Haemost.* 2011;9:229-31. (IF = 5.731)

Morange PE, **Tregouet DA**. Lessons from genome-wide association studies in venous thrombosis. *J Thromb Haemost.* 2011;9:S1:258-64. (IF = 5.731)

Moussa M, **Gouranton E**, **Gleize B**, El Yazidi C, Niot I, Besnard P, **Borel P**, **Landrier JF**. CD36 is involved in lycopene and lutein uptake by adipocytes and adipose tissue cultures *Mol Nutr Food Res.* 2011;55:578-84. (IF = 4.301)

Nicolay A, **Wolff E**, Vergnes MF, Kaloustian J, **Portugal H**. Rapid HPLC method for determination of parachloroaniline in chlorhexidine antiseptic agent in mouthrinses, ophthalmic and skin solution. *Am J Anal Chem.* 2011;2(4): 422-428. (IF =

Oddoze C, **Portugal H**. Stability study of 80 analytes including hormonology on human whole blood: effect of temperature and delay before/after centrifugation according to different collection tubes. Clin Chem Lab Med, 2011;49: S731-S731. (IF = 1.595)

Oudin C, Simeoni MC, Sirvent N, Contet A, Begu-Le Coroller A, Bordigoni P, Curtillet C, Poirée M, Thuret I, Play B, Massot MC, Chastagner P, **Chambost H**, Auquier P, Michel G. Prevalence and risk factors of the metabolic syndrome in adult survivors of childhood leukemia. Blood. 2011;28;117:4442-8. (IF = 10.558)

Paniagua JA, Pérez-Martinez P, Gjelstad IM, Tierney AC, Delgado-Lista J, **Defoort C**, Blaak EE, Risérus U, Drevon CA, Kiec-Wilk B, Lovegrove JA, Roche HM, López-Miranda J; LIPGENE Study Investigators. A low-fat high-carbohydrate diet supplemented with long-chain n-3 PUFA reduces the risk of the metabolic syndrome. Atherosclerosis. 2011;218:443-50. (IF = 3.794)

Pages N, Maurois P, Delplanque B, Bac P, **Martin JC**, Du Q, Rapoport SI, and Vamecq J. Brain protection by rapeseed oil in magnesium-deficient mice. Prostag Leukot Ess. 2011;85:53-60 (IF = 3.367)

Paule P, **Cuisset T**, Gil JM, Chiche L, Quilici J, Fourcade L. Coronary thrombosis with normal epicardial coronary arteries. Presse Med. 2011;40:972-6. (IF = 0.667)

Perez-Martinez P, Delgado-Lista J, Garcia-Rios A, Mc Monagle J, Gulseth HL, Ordovas JM, Shaw DI, Karlström B, Kiec-Wilk B, Blaak EE, Helal O, Malczewska-Malec M, **Defoort C**, Risérus U, Saris WH, Lovegrove JA, Drevon CA, Roche HM, Lopez-Miranda J. Glucokinase regulatory protein genetic variant interacts with omega-3 PUFA to influence insulin resistance and inflammation in metabolic syndrome. PLoS One. 2011;6:e20555. (IF = 4.092)

Perez-Martinez P, Delgado-Lista J, Garcia-Rios A, Ferguson JF, Gulseth HL, Williams CM, Karlström B, Kieć-Wilk B, Blaak EE, Helal O, Malczewska-Malec M, **Defoort C**, Risérus U, Saris WH, Lovegrove JA, Drevon CA, Roche HM, Lopez-Miranda J. Calpain-10 interacts with plasma saturated fatty acid concentrations to influence insulin resistance in individuals with the metabolic syndrome. Am J Clin Nutr. 2011;93:1136-41. (IF = 6.669)

Phillips CM, Goumidi L, Bertrais S, Field MR, McManus R, Hercberg S, **Lairon D**, **Planells R**, Roche HM. Gene-nutrient interactions and gender may modulate the association between ApoA1 and ApoB gene polymorphisms and metabolic syndrome risk. Atherosclerosis. 2011;214:408-14. (IF = 3.794)

Poggi M, Engel D, Christ A, Beckers L, Wijnands E, Boon L, Driessen A, Cleutjens J, Weber C, Gerdes N, Lutgens E. CD40L deficiency ameliorates adipose tissue inflammation and metabolic manifestations of obesity in mice. Arterioscl Thromb Vas. 2011;31:2251-60. (IF = 6.368)

Reboul E, Goncalves A, Comera C, **Bott R**, **Nowicki M**, **Landrier JF**, **Jourdheuil-Rahmani D**, Dufour C, Collet X, **Borel P**. Vitamin D intestinal absorption is not a simple passive diffusion: evidences for involvement of scavenger receptors. Mol Nutr Food Res. 2011;55: 691-702. (IF = 4.301)

Reboul E, P. Borel Proteins involved in uptake, intracellular transport and basolateral secretion of fat-soluble vitamins and carotenoids by mammalian enterocytes. Prog Lipid Res. 2011;50:388-402. (IF = 10.667)

Reboul E, Z Soayfane, A Goncalves, M Cantiello, R Bott, M Nauze, X Collet, C Coméra Respective contributions of intestinal NPC1L1 and SR-BI to cholesterol and tocopherol uptake: In vivo versus in vitro studies Brit J Nutr. 2011;20:1-9. (IF = 3.013)

Reboul E, Borel P. Proteins involved in uptake, intracellular transport and basolateral secretion of fat-soluble vitamins and carotenoids by mammalian enterocytes. Prog Lipid Res. 2011;50(4):388-402. (IF = 10.667)

Reboul E, Soayfane Z, Goncalves A, Cantiello M, Bott R, Nauze M, Tercé F, Collet X, Coméra C. Respective contributions of intestinal Niemann-Pick C1-like 1 and scavenger receptor class B type I to cholesterol and tocopherol uptake: in vivo v. in vitro studies. Brit J Nutr. 2011;20:1-9. (IF = 3.013)

Robert P, **Canault M**, Farnarier C, Nurden A, Grosdidier C, Barlogis V, Bongrand P, Pierres A, Chambost H, **Alessi MC**. A novel leukocyte adhesion deficiency III variant: kindlin-3 deficiency results in integrin- and nonintegrin-related defects in different steps of leukocyte adhesion. J Immunol. 2011;186:5273-83. (IF = 5.788)

Sani MA, Campana-Salort E, Begu-LeCorroller A, Baccou M, **Valéro R, Violettes B**. Non-traumatic rhabdomyolysis and diabetes. *Diabetes Metab.* 2011;37:262-4. (IF = 2.411)

Schaepelynck P, **Darmon P**, Molines L, Jannot-Lamotte MF, Treglia C, **Racchah D**. Advances in pump technology: insulin patch pumps, combined pumps and glucose sensors, and implanted pumps. *Diabetes Metab.* 2011;37:S85-93. (IF = 3.373)

Schaepelynck P, Renard E, Jeandidier N, Hanaire H, Fermon C, Rudoni S, Catargi B, Riveline JP, Guerci B, Millot L, Martin JF, Sola A; EVADIAC Group. A recent survey confirms the efficacy and the safety of implanted insulin pumps during long-term use in poorly controlled type 1 diabetes patients. *Diabetes Technol Ther.* 2011 ;13:657-60.

Tardif N, Salles J, **Landrier JF**, Mothe-Satney I, Guillet C, Boue-Vaysse C, Combaret L, Giraudet C, Patrac V, Bertrand-Michel J, Migné C, Chardigny JM, Boirie Y, Walrand S. Oleate-enriched diet improves insulin sensitivity and restores muscle protein synthesis in old rats. *Clin Nutr.* 2011;30:799-806. (IF 3.410)

Tierney AC, McMonagle J, Shaw DI, Gulseth HL, Helal O, Saris WH, Paniagua JA, Gołębek-Leszczczyńska I, **Defoort C**, Williams CM, Karström B, Vessby B, Dembinska-Kiec A, López-Miranda J, Blaak EE, Drevon CA, Gibney MJ, Lovegrove JA, Roche HM. Effects of dietary fat modification on insulin sensitivity and on other risk factors of the metabolic syndrome--LIPGENE: a European randomized dietary intervention study. *Int J Obes (Lond).* 2011;35:800-9. (IF = 4.691)

Thabuis C, Destailats F, Lambert D, Muccioli GG, **Maillot M**, Harach T, Tissot-Favre D, and **Martin JC**. Lipid transport function is the main target of oral oleylethanolamide to reduce adiposity in high-fat fed mice. *J Lipid Res.* 2011;52:1373-82. (IF = 5.559)

Thibault R, Chikhi M, Clerc A, **Darmon P**, Chopard P, Genton L, Kossovsky MP, Pichard C. Assessment of food intake in hospitalised patients: a 10-year comparative study of a prospective hospital survey. *Clin Nutr.* 2011;30:289-96. (IF = 3.731)

Thomas AP, Dunn TN, Oort PJ, **Grino M**, Adams SH. Inflammatory phenotyping identifies CD11d as a gene markedly induced in white adipose tissue in obese rodent and women. *J. Nutr.* 2011; 141:1172-80. (IF = 4.295)

Thuny F, Habib G, Le Dolley Y, **Canault M**, Casalta JP, **Verdier M**, Avierinos JF, Raoult D, Mege JL, **Morange PE, Alessi MC**. Circulating matrix metalloproteinases in infective endocarditis: a possible marker of the embolic risk. *PLoS One.* 2011;14;6:e18830. (IF = 4.092)

van Helden YG, Godschalk RW, von Lintig J, Lietz G, **Landrier JF**, Luisa Bonet M, van Schooten FJ, Keijer J. Gene expression response of mouse lung, liver and white adipose tissue to β -carotene supplementation, knockout of *Bcmo1* and sex. *Mol Nutr Food Res.* 2011;55:1466-74. (IF = 4.301)

Villard PH, Barlesi F, **Armand M**, Dao TM, Pascussi JM, Fouchier F, **Champion S, Dufour C**, Giniès C, Khalil A, **Amiot MJ, Barra Y, Seree E**. CYP1A1 induction in the colon by serum: involvement of the PPAR α pathway and evidence for a new specific human PPRE α site. *PLoS One.* 2011;31;6:e14629. (IF = 4.092)

Visioli F, De La Lastra CA, Andres-Lacueva C, Aviram M, Calhau C, Cassano A, D'Archivio M, Faria A, **Favé G**, Fogliano V, Llorach R, Vitaglione P, Zoratti M, Edeas M. Polyphenols and human health: a prospectus. *Crit Rev Food Sci.* 2011;51(6):524-46. (IF = 4.789)

Wolff E, Vergnes MF, Defoort C, Planells R, Portugal H, Nicolay A, Lairon D. Cholesterol absorption status and fasting plasma cholesterol are modulated by the microsomal triacylglycerol transfer protein -493 G/T polymorphism and the usual diet in women. *Genes Nutr.* 2011;6:71-9. (IF = 2.507)

Wolff E, Vergnes MF, Portugal H, Defoort C, Amiot-Carlin MJ, Lairon D, Nicolay A. Cholesterol-absorber status modifies the LDL cholesterol-lowering effect of a Mediterranean-type diet in adults with moderate cardiovascular risk factors. *J Nutr.* 2011;141:1791-8. (IF = 4.295)

Gaigi H, Darmon N. Une étude démontre la pertinence de la distribution de fruits et légumes via l'aide alimentaire. La santé de l'homme, revue de l'INPES, n°412, Mars-Avril 2011, p50-51.

Pavaut B, **Vieux F, Darmon N.** Le resto-U : une aide à l'équilibre alimentaire ? Cahiers de nutrition et de Diététique, 2011; 46: 21-29.

Borel P. Lutein and zeaxanthin: new vitamins? Correspondances en Métabolismes Hormones Diabètes et Nutrition 2011;15:201-202.

Landrier JF. Vitamine E et physiologie du tissu adipeux. Oléagineux, Corps Gras, Lipides. 2011, 18:83-87

Reboul E. Absorption intestinales des vitamines liposolubles (Intestinal absorption of fat soluble vitamins). Oléagineux, Corps Gras, Lipides. 2011, 18, n°2.

Darmon P. Statines : pour quelques diabètes de plus. Médecine des Maladies Métaboliques 2011;5:Suppl 1:6

Darmon P. LDL-cholestérol : lower is (truly) better. Médecine des Maladies Métaboliques 2011;5:Suppl 1:10-11

Darmon P. Traitement du diabète de type 2 : salsalate, le temps des promesses... déçues ? Médecine des Maladies Métaboliques 2011;5:Suppl 1:13-14

Darmon P. Diabète de type 2 et insuffisance rénale chronique : traiter l'anémie par érythropoïétine double le risque d'AVC. Médecine des Maladies Métaboliques 2011;5:Suppl 1:27-28

Darmon P. Une restriction expérimentale du sommeil altère la sensibilité à l'insuline chez le sujet sain. Médecine des Maladies Métaboliques 2011;5:Suppl 1:38

Darmon P. Diabète de type 1 : la surmortalité régresse mais reste encore élevée. Médecine des Maladies Métaboliques 2011;5:Suppl 1:43

Darmon P. Surmortalité dans le bras intensif de l'étude ACCORD : les hypoglycémies relaxées. Médecine des Maladies Métaboliques 2011;5:Suppl 1:44

Darmon P. Des arguments expérimentaux rassurants pour l'utilisation de la glargine pendant la grossesse. Médecine des Maladies Métaboliques 2011;5:Suppl 1:45

Darmon P. Insulinothérapie après échec d'une bithérapie orale : commencer par une basale est la meilleure solution... à condition de passer rapidement à autre chose ! Médecine des Maladies Métaboliques 2011;5:Suppl 1:47-48

Darmon P. Navigator : touché... coulé ! Médecine des Maladies Métaboliques 2011;5:Suppl 1:53-54

Darmon P. De l'intérêt de l'exénatide chez les adolescents diabétiques de type 1. Médecine des Maladies Métaboliques 2011;5:Suppl 1:57

Darmon P. Metformine et insuffisance cardiaque : de la contre-indication à la bonne indication ? Médecine des Maladies Métaboliques 2011;5:Suppl 1:59-60

Darmon P. Prise en charge de l'anorexie mentale : les recommandations 2010 de la HAS. Actualités en Diététique et Nutrition 2011:97-107

Darmon P. Glitazones et risque de fracture. Supplément de la revue du praticien vol 61 Mai 2011 :1-2

Darmon N, Soler LG, auteurs. Champenois A, Esnouf C, Martin S, Mousset J, Reflingshoeffter B, Russel M, Supkova M, Touazi D, **Vieux F,** contributeurs. Impact carbone de l'alimentation et qualité nutritionnelle des choix alimentaires en France. Une étude de cas. Chapitre 3, in *Pour une alimentation durable. Réflexion stratégique duALIne*, Catherine Esnouf, Marie Russel et Nicolas Bricas (coord.),

éditions Quae, déc. 2011, 288 pages. (Chapitre d'ouvrage) (ces travaux ont été sélectionnés comme Fait Marquant Prioritaire du Département Alim-H de l'INRA en 2011).

Landrier JF. Vitamin E and adipose tissue physiology. Tocopherol: Sources, Uses and Health Benefits, Nova Science Publishers, Inc. New York 2011.

Morand C, Rabot S, Thomas M, Siess MH, **Borel P.** Biodisponibilité et métabolisme des microconstituants bioactifs des végétaux. Ouvrage de l'Institut Français pour la Nutrition (IFN) intitulé: "Les phytomicronutriments ", éditeurs V. Coxam et MJ Amiot-Carlin.

Racchah D, Molines L, **Darmon P.** Les barrières à l'insulinothérapie. **Médecine des Maladies Métaboliques** 2011;5:Suppl 2

CONTRATS ANNÉES 2010 et 2011

Responsable	Titre du projet	Organisme / Nature	Période
P.E. Morange	Research of new variants predisposing venous thrombosis: RENOVA-TV study	APHM PHRC	(2009-12)
P.E. Morange	Genetic determinants of the Facteur VIII plasma level : how they influence the thrombotic risk	APHM AORC excellence	(2009-12)
M.C. Alessi	Role of PAI-1 in the development of obesity and its complications	ANR coordinator	(2007-10)
M.C. Alessi	Role of PAI-1 in obesity and its complications	FRM accreditation DEQ20071210508	(2007-10)
B. Binetruy	Role of the p38 MAPKinase in the commitment of the ES cells	AFM	(2008-10)
M.C. Alessi	The thrombotic risk in the insulin resistance : study in the platelet	FDL	(2009-12)
H. Chambost	Evaluation of the guidelines of the early prophylaxy in haemophilia. National cohort nationale. « Réseau FranceCoag »	AP-HM PHRC	(2009-11)
M. Grino	Epicardial fat and vascular reactivity	University foundation	(2010-12)
A.Dutour	Characterization of epicardial fat	Fondation de France	(2010-13)
P.E Morange	CIFRE grant : C Sanchez	Stago	(2007- 10)
P.E. Morange H. Chambost	Aging and hemophilia	CSL Behring	(2008 -11)
M.F. Aillaud	D-dimers EL/CQ-2074/N.PIGA	Bio Mérieux	(2008 -11)
P.E. Morange	Fibrinolysis 012744/HAEM/4/2	Novo Nordisk	(2008 -10)
M.C. Alessi	FGT 1-A 616 2009-00431	LFB	(2009 - 11)
P.E Morange	Rivaroxaban ATLAS-ACS-2 MI	Janssen-Cilag	(2009 - 11)
P.E Morange	Argatroban in HIT ARG-E07	Mitsubishi	(2009 - 10)
M.F. Aillaud	Conscious 3 study AC-054-302	Actelion	(2009 - 12)
P.E. Morange	PREObs	Sanofi Aventis	(2009 - 11)
A. Dutour	Epicardial adipose tissue and obesity surgery	ARARD	(2010 - 12)
P. Borel	LYCOCARD (IP) Role of lycopene for the prevention of cardiovascular diseases	UE	(2006-11)
P. Borel	COLORSPORE (New Sources of natural, gastric stable, food additives, colourants and novel functional foods)	UE	(2008-11)

P. Borel N. Darmon	COMPALIMAGE Comportements alimentaires et qualité du vieillissement. Rôle du statut inflammatoire, du stress oxydant, de l'insulino-résistance et de certains facteurs génétiques	ANR	(2007-10)
MJ Amiot N. Darmon	Développement d'un outil de programmation linéaire permettant de valider ou invalider des approches de profilage nutritionnel. Analyse des données sur les diètes optimisées (focus spécifique sur la consommation de produits laitiers)	DANONE	(2011)
I. Crenon-Constaratas	AGILAIT : Structures, stabilité à l'oxydation, propriétés et bioaccessibilité de la matière grasse de laits riches en acides gras insaturés	ANR	(2007-10)
P Borel	Biodisponibilité de la lutéine et de la zéaxanthine	BONDUELLE	(2009-11)
P. Borel	Biodisponibilité de la vitamine E chez le monogastrique	ADISSEO	(2010)
JF Landrier	LIP-AGE Lipides alimentaires et réaction inflammatoire : implication dans le développement de l'obésité sarcopénique	ANR	(2008-10)
JC Martin	INNOVALAIT : Innovation et valorisation appliquée sur la matière grasse laitière	LACTALIS	(2008-11)
MJ Amiot-Carlin	Identification des effets du complément alimentaire <i>Limicol</i> ® sur la réduction des taux de lipides sanguins chez des volontaires sains	CIC LA Conception	(2008-10)
JC Martin	Recherches de biomarqueurs des effets biologiques induits par la consommation de matières grasses laitières modifiées chez le hamster hypercholestérolémique	INRA Orsay ALLIANCE-CORMAN	(2009-10)
JF Landrier	Zinc-Nickel-Cobalt Oligosol et fonction adipocytaire	Labcatal	(2009-10)
N Darmon	Utilisation par les bénéficiaires de l'aide alimentaire des fruits et légumes conditionnés par l'atelier Imagine 84 "Les jardins de la Méditerranée"	Ministère de la Santé	(2009-10)
N Darmon	L'insécurité alimentaire en France	Observatoire National de la Pauvreté et de l'Exclusion Sociale (ONPES)	(2009-10)
N Darmon	Project Initiation Document (PID) for the development of a user friendly web application for formulating and testing food based dietary guidelines in children	Organisation Mondiale de la Santé, direction de la santé de l'enfant	(2009-10)
N Darmon	ALIMINFO : Politiques alimentaires et d'information nutritionnelle des consommateurs : quelles contributions respectives à la maîtrise des bénéfices / risques de santé ?	ANR	(2008-10)
N Darmon MJ Amiot-Carlin	Effet sur la santé d'une consommation accrue de fruits et légumes chez des populations précaires algériennes (Programme Hubert-Curien TASSILI (projet 09MDU782)	Organisation mondiale de la santé CREAD ALGERIE	(2009-10)

R. Valéro	Effet des différentes techniques de chirurgie bariatrique sur le métabolisme des lipoprotéines riches en triglycérides (LRT) intestinales chez les patients obèses	FONDAT° DE France	(2011-13)
JC Martin	Métabolomique : application en toxicologie de l'uranium après ingestion chronique	IRSN Institut Radioprotection & Sureté Nucléaire	(2010-12)
D. Lairon	Informier, sensibiliser et motiver les lycéens et étudiants à adopter un modèle d'alimentation de type méditerranéen (élaboration d'outils originaux)	PREFECTURE REGION PACA	(2011-13)
MJ Amiot, E. Reboul	Absorption intestinale de la vitamine D : mécanismes moléculaires et interactions	LESIEUR CIFRE	(2011-14)
MJ Amiot, N.Darmon	OPTIMED Valorisation et amélioration de la qualité nutritionnelle de produits industriels transformés méditerranéens / Programme scientifique et technique d'accompagnement des industriels agroalimentaires de la région PACA.	CRITT	(2010 -13)
P.H. Villard	Approches cellulaire, moléculaire et expérimentale de l'effet des polychlorobiphényles sur la biologie de l'adipocyte et de la plaquette : implication dans l'obésité, le diabète et la thrombose.	MEEDDM (Programme National de Recherche sur les Perturbateurs Endocriniens/PNRP E)	(2009-12)
MJ Amiot, JF Landrier, E Reboul	POLIVD3 Etude de l'impact de la consommation d'huile d'olive riche en polyphénols, vitamine D et DHA sur la fonction locomotrice	ANR	(2011 -14)
JC Martin	PRESAGE Augmentation de l'efficacité de la renutrition chez le patient âgé : restauration du statut nutritionnel et conséquences fonctionnelles et locomotives	ANR	(2011 -14)
JF Landrier	Régulation de l'expression des microRNA dans l'adipocyte par les micronutriments lipophiles	FCA FONDAT° CŒUR & ARTERES	(2011 -13)
M. Poggi	Bourse européenne	SFC Sté Française de Cardiologie	(2011-12)
E. Reboul	Identification des mécanismes de captage et évaluation du métabolisme potentiel de la vitamine K par l'entérocyte	SFN Sté Française de Nutrition	(2011)

THESES de DOCTORAT ANNÉES 2010 et 2011

Année 2010

MIMOUN Myriam - Statut en acides gras polyinsaturés chez un modèle de mucoviscidose et bénéfice d'une nutrition à base de glycérophospholipides enrichis en acide docosahexaénoïque - 12/01/2010

GOURANTON Erwan - Effets du lycopène et du B-Carotène sur la physiologie du tissu adipeux : un impact globalement positif sur les désordres physiopathologiques associés à l'obésité - 05/10/2010

HAMMOUD Ahd - Facteurs métaboliques de risque cardio-vasculaire : Interaction entre régimes alimentaires et polymorphismes des gènes impliqués dans le métabolisme des lipides 06/12/2010

DU Qin - Optimisation des profils lipidiques du cerveau de rats déficients en omega-3 au sevrage par l'utilisation de matière grasse laitière -conséquences au niveau du lipidome- 17/12/2010

KHALIL Ayman - Effets de micronutriments, ligands du récepteur AhR sur l'inflammation intestinale - 22/12/ 2010

CUISSET Thomas - Variabilité de réponse au Clopidogrel : bases biologiques, mécanismes, conséquences chimiques et alternatives thérapeutiques - 26/11/2010

BARRUET Emilie - Rôle de la voie de transduction P38MAPK dans les différenciations issues du mésoderme des cellules souches embryonnaires - 30/11/2010

Année 2011

SANCHEZ Caroline - Influences génétiques et environnementale de la génération de thrombine - 7 /03/ 2011

Ola HADADEH - Rôle du PAI-1 dans la différenciation des cellules souches embryonnaires (ES) de souris - 12/12/2011

CLOT Pierre-François - Quantification de la fibrinolyse par thromboélastométrie appliquée à l'évaluation PK/PD d'un inhibiteur du TAFI chez le sujet jeune et sain - 19/12/2011

BREVETS ANNÉES 2010 et 2011

Patent N° FR R 634FR (Extension 2007) Domaine d'application : obésité Titre : Utilisation d'un extrait végétal pour la fabrication d'une composition pour contrôler la prise de poids.

Co-inventeurs: Amiot-Carlin MJ, Juhel C, Tosini F, Cara L, Berger V (SCALIME NUTRITION)

French Patent N° 07/05294 du 20/7/07. Extension WO 07/05294 (18/7/08).Composition alimentaire pour améliorer la digestibilité des lipides alimentairesCo-Inventeurs: Armand M ; déposant: ISL (G PIERONI) et INSERM

Patent N° 8830/US/PSP ; Filing N° US 61,188,907 Compositions and Methods for influencing atyety, Lipid Metabolism, and Fat Utilization Co-inventeurs: Tissot-favre D, Destailats F, Thabuis C (PhD student Martin JC) 2010, application number: US2009/004583, international patent number, A61K31/20.

Patent on the use resveratrol in type 2 diabetes and inflammatory diseases .INSERM N° EP10305071.2 (Application patent covering 5 sub-applications)Innovative composition of a mix applicable for therapeutic strategies Burcelin R & Seree E

ACCUEIL MASTERS

Pathologie Humaine : Nutrition, régulations métaboliques et physiopathologie vasculaire

EQUIPEMENTS MAJEURS

- 1/ Plateau Métabolome / Spectromètre de masse
- 2/ Plateforme Chromatographie HPLC / Chromatographie gazeuse
- 3/ Cytométrie en flux
- 4/ Plateforme Microscopie optique (système de déconvolution)
- 5/ Plateforme Génomique fonctionnelle : Thermocycleur/Fluorimètre/Luminomètre
- 7/ Compteur GAMMA