

CURRICULUM VITAE

Martine ROPERT-BOUCHET

QUALIFICATIONS :

DIPLOMES:

Diplôme d'Etat de **Docteur en Médecine** – Lille II – 1994.

Diplôme d'Etudes Spécialisées (DES) de **Biologie Médicale** – Lille II – 1994.

Maîtrise de Sciences Biologiques et Médicales – Rennes I – 1999.

Diplôme d'Etude Approfondie (DEA) de Biologie Cellulaire et Moléculaire - Rennes I (Master II) - 2000.

TITRES:

Interne en Médecine de l'interrégion Nord, spécialité **Biologie Médicale** de mai 1991 à novembre 1994

Assistant Hospitalier-Universitaire du CHU de Rennes de novembre 1996 à novembre 2000

FONCTIONS :

- **Praticien Hospitalier** du CHU de Rennes depuis octobre 2001 **dans le Service de Biochimie (Pr BENDAVID) – Pôle Biologie (Pr GANGNEUX) – Hôpital Pontchaillou – CHU de Rennes**
- **Responsable de l'Unité Fonctionnelle 3142 « Biochimie Spécialisée » :**
 - Dosage des éléments traces par ICP-MS dans le plasma, les érythrocytes, les urines et le tissu hépatique (Al, Cu, Zn, Li, Mg, Fe, Se, Cr, Co) – Plateforme AEM2 (Analyse élémentaires et Métabolisme des métaux)
 - Dosage de paramètres spécialisés du bilan martial : formes anormales de fer, hepcidine, activité ferroxydase
 - Dosage des vitamines lipo- et hydro-solubles par HPLC (A, E, C, B1 et B6)
 - Exploration des porphyries (dosage des porphyrines et de leurs précurseurs)
 - Autres techniques manuelles (enzymes érythrocytaires, métabolites divers)
- **Membre du Centre National de Référence des Surcharges en fer rares d'origine génétique**
- **Membre de l'unité Inserm U 991 (équipe Fer et Foie) (Dr LOREAL)**
- **Responsable Assurance Qualité adjoint du Pôle de Biologie du CHU de Rennes**

TRAVAUX

PUBLICATIONS

- Joint Model of Iron and Hepcidin During the Menstrual Cycle in Healthy Women. Angeli A, Lainé F, Lavenu A, **Ropert M**, Lacut K, Gissot V, Sacher-Huvelin S, Jezequel C, Moignet A, Laviolle B, Comets E. - AAPS J. 2016 Mar;18(2):490-504. doi: 10.1208/s12248-016-9875-4. Epub 2016 Feb 2.
- Variations of hepcidin and iron-status parameters during the menstrual cycle in healthy women. Lainé F, Angeli A, **Ropert M**, Jezequel C, Bardou-Jacquet E, Deugnier Y, Gissot V, Lacut K, Sacher-Huvelin S, Lavenu A, Laviolle B, Comets E. Br J Haematol. 2015 Dec 21. doi: 10.1111/bjh.13906. [Epub ahead of print] No abstract available.
- Indicators of iron status are correlated with adiponectin expression in adipose tissue of patients with morbid obesity. Pihan-Le Bars F, Bonnet F, Loréal O, Le Loupp AG, **Ropert M**, Letessier E, Prieur X, Bach K, Deugnier Y, Fromenty B, Cariou B. Diabetes Metab. 2016 Apr;42(2):105-11. doi: 10.1016/j.diabet.2015.10.007. Epub 2015 Dec 8.
- Myriocin prevents muscle ceramide accumulation but not muscle fiber atrophy during short-term mechanical unloading. Salaun E, Lefeuvre-Orfila L, Cavey T, Martin B, Turlin B, **Ropert M**, Loreal O, Derbré F. J Appl Physiol (1985). 2016 Jan 15;120(2):178-87. doi: 10.1152/jappphysiol.00720.2015. Epub 2015 Nov 5.
- Pretransplant renal function according to CKD-EPI cystatin C equation is a prognostic factor of death after liver transplantation. Uguen T, Jezequel C, **Ropert M**, Houssel-Debry P, Latournerie M, Lainé F, Deugnier Y, Vigneau C, Boudjema K, Guyader D, Bardou-Jacquet E. Liver Int. 2016 Apr;36(4):547-54. doi: 10.1111/liv.12989. Epub 2016 Jan 30.
- Genetic determinants associated with cfxA-positive clinical Capnocytophaga isolates. Tamanai-Shacoori Z, Dupont A, Auffret M, Peton V, Barloy-Hubler F, Ehrmann E, **Ropert M**, Bonnaure-Mallet M, Jolivet-Gougeon A. Int J Antimicrob Agents. 2015 Sep;46(3):356-8. doi: 10.1016/j.ijantimicag.2015.05.006. Epub 2015 Jun 19.
- Quilamine HQ1-44, an iron chelator vectorized toward tumor cells by the polyamine transport system, inhibits HCT116 tumor growth without adverse effect. Renaud S, Corcé V, Cannie I, **Ropert M**, Lepage S, Loréal O, Deniaud D, Gaboriau F. Biochem Pharmacol. 2015 Aug 1;96(3):179-89. doi: 10.1016/j.bcp.2015.06.001. Epub 2015 Jun 10.
- Mouse genetic background impacts both on iron and non-iron metals parameters and on their relationships. Cavey T, **Ropert M**, de Tayrac M, Bardou-Jacquet E, Island ML, Leroyer P, Bendavid C, Brissot P, Loréal O. Biometals. 2015 Aug;28(4):733-43. doi: 10.1007/s10534-015-9862-8. Epub 2015 Jun 4.
- Monoclonal anti-transferrin antibody: a paradigm for better understanding of iron metabolism. **Ropert M**, Détivaud L, Fimbel d'Hauthuille B, Gautier M, Leroyer P, Jouanolle AM, Loréal O, Brissot P. Am J Hematol. 2015 Jun;90(6):E129-30. doi: 10.1002/ajh.24004. No abstract available.

- Portable hemoglobinometer is a reliable technology for the follow-up of venesections tolerance in hemochromatosis. Pawlowski M, Latute F, Bardou-Jacquet E, Latournerie M, Zerrouki S, Bendavid C, Brissot P, **Roport M**. Clin Res Hepatol Gastroenterol. 2015 Oct;39(5):570-5. doi: 10.1016/j.clinre.2014.09.014. Epub 2015 Mar 13.
- Hereditary hypotransferrinemia can lead to elevated transferrin saturation and, when associated to HFE or HAMP mutations, to iron overload. Beaumont-Epinette MP, Delobel JB, **Roport M**, Deugnier Y, Loréal O, Jouanolle AM, Brissot P, Bardou-Jacquet E. Blood Cells Mol Dis. 2015 Feb;54(2):151-4. doi: 10.1016/j.bcmd.2014.11.020. Epub 2014 Nov 26.
- Genome-wide association study identifies TF as a significant modifier gene of iron metabolism in HFE hemochromatosis. de Tayrac M, Roth MP, Jouanolle AM, Coppin H, le Gac G, Piperno A, Férec C, Pelucchi S, Scotet V, Bardou-Jacquet E, **Roport M**, Bouvet R, Génin E, Mosser J, Deugnier Y. J Hepatol. 2015 Mar;62(3):664-72. doi: 10.1016/j.jhep.2014.10.017. Epub 2014 Oct 18.
- Iron, hepcidin, and the metal connection. Loréal O, Cavey T, Bardou-Jacquet E, Guggenbuhl P, **Roport M**, Brissot P. Front Pharmacol. 2014 Jun 4;5:128. doi: 10.3389/fphar.2014.00128. eCollection 2014. Review.
- Iron-mediated effect of alcohol on hepatocyte differentiation in HepaRG cells. Do TH, Gaboriau F, Cannie I, Batusanski F, **Roport M**, Moirand R, Brissot P, Loreal O, Lescoat G. Chem Biol Interact. 2013 Nov 25;206(2):117-25. doi: 10.1016/j.cbi.2013.08.016. Epub 2013 Sep 8.
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- Liver transplantation normalizes serum hepcidin level and cures iron metabolism alterations in HFE hemochromatosis. Bardou-Jacquet E, Philip J, Lorho R, **Roport M**, Latournerie M, Houssel-Debry P, Guyader D, Loréal O, Boudjema K, Brissot P. Hepatology. 2014 Mar;59(3):839-47. doi: 10.1002/hep.26570. Epub 2014 Jan 27.
- Involvement of polyamines in iron(III) transport in human intestinal Caco-2 cell lines. Lescoat G, Gouffier L, Cannie I, Lowe O, Morel I, Lepage S, **Roport M**, Loréal O, Brissot P, Gaboriau F. Mol Cell Biochem. 2013 Jun;378(1-2):205-15. doi: 10.1007/s11010-013-1611-0. Epub 2013 Mar 14.
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- Serum ceruloplasmin and ferroxidase activity are decreased in HFE C282Y homozygote male iron-overloaded patients. Lainé F, **Ropert M**, Lan CL, Loréal O, Bellissant E, Jard C, Pouchard M, Le Treut A, Brissot P. J Hepatol. 2002 Jan;36(1):60-5.
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