

Curriculum Vitae

Christopher F. Rose, Ph. D.

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Centre de recherche du CHUM
900 rue St-Denis, bureau R08.422
Montréal, Québec
Canada, H2X 0A9

Tél : 514-890-8000 Poste : 35739
Email : christopher.rose@umontreal.ca
Site web : <http://hepato.neuro.ca>
Twitter: @labHN
Orcid : <http://orcid.org/0000-0001-9854-6834>

Date : 2019/10/25



EDUCATION

University Degrees

- 09/1994-11/2000 **Ph. D. in Biomedical Sciences**
 Université de Montréal, Montréal, Canada
Encéphalopathie hépatique: relation entre les mécanismes pathophysiologiques et nouvelles approches thérapeutiques.
 Dr Roger Butterworth
- 09/1990-05/1994 **Baccalauréat es Sciences - Specialization in Physiology**
 Université Concordia, Montréal, Canada

Post-doctoral Training

- 03/2003-03/2006 **Canadian Institutes of Health (CIHR) Research postdoctoral fellowship**
 Neurobiology, Instituto de Investigaciones Citológicas, Valencia, Spain
The effect of an acute ammonia application on amino acid release in frontal cortex of rats with acute liver failure: an in vivo microdialysis study.
 Dr Vicente Felipo
- 03/2001-03/2003 **Alexander von Humboldt (German) postdoctoral fellowship**
 Cellular Neuroscience, Max-Delbruck Center for Molecular Medicine, Berlin, Germany
Acute ammonia results in calcium-dependent glutamate release from cultured astrocytes: a role of pH.
 Dr Helmut Kettenmann

Bursaries and Fellowships

Fellowships

Post-doctoral

- 03/2006-07/2006 Postdoctoral fellowship; *European Association for the Study of the Liver*; 70,000\$ - declined
- 03/2003-03/2006 Postdoctoral fellowship; *Canadian Institutes of Health (CIHR)*; 135,000\$
- 03/2001-03/2003 Postdoctoral fellowship; *Alexander von Humboldt Post-Doctoral Stipendium*; 108,000\$

Doctoral

- 04/1999-04/2000 Bursary J.A. DeSève; *Université de Montréal*; 15,000\$
- 05/1997-05/1999 Bursary; *Fonds de Recherche en Santé du Québec (FRSQ)*; 30,000\$
- 05/1996-05/1997 Bursary André-Viallet; *Université de Montréal*; 12,000\$
- 05/1991-09/1991 Summer student bursary; *Government of Canada Challenge 91*; 4,000\$

Awards

2009	Travel Award; Andres T. Blei, 5 th International Hannover Conference on Hepatic Encephalopathy; 600\$
2006	Travel Award; Canadian Association for the Study of the Liver; 500\$
2005	Young Investigator Educational Enhancement Award (American Society of Neurochemistry); 750\$
2005	Travel Award; International Society of Neurochemistry; 750\$
2004	Travel Award; International Society of Neurochemistry; 400\$
2004	Travel Award; European Association for the Study of Liver; 1,000\$
2001	Travel Award; International Symposium on Hyperammonemia, Liver Failure and Hepatic Encephalopathy; 750\$
2001	Travel Award; European Association for the Study of the Liver; 1,000\$
2000	Travel Award; European Association for the Study of the Liver; 1,000\$
1999	Excellence prize from Université de Montréal, Faculty of Medicine; 7,000\$
1999	Travel Award; International and European Society of Neurochemistry; 1,000\$
1999	Travel Award; Turkish Society of Gastroenterology; 800\$
1998	Travel Award; American Society of Neurochemistry; 800\$

Academic Career

Position

06/2018	Nomination Full Professor Department of Medicine, Faculty of Medicine Université de Montréal CRCHUM Montréal, Canada
01/2014	Affiliation Department of Nutrition, Université de Montréal Montréal, Canada
07/2012	Nomination Associate Professor Department of Medicine, Faculty of Medicine Université de Montréal CRCHUM Montréal, Canada
01/2012	Affiliation Department of Pharmacology, Université de Montréal Montréal, Canada
07/2009-06/2012	Renewal Research Professor Department of Medicine, Faculty of Medicine Université de Montréal Hôpital St-Luc, CRCHUM Montreal, Canada
07/2006-07/2009	Nomination Assistant Professor Department of Medicine, Faculty of Medicine Université de Montréal Hôpital St-Luc, CRCHUM Montreal, Canada
07/2006	Researcher for “Axe Infection, immunité, inflammation (III),” Centre de recherche du Centre Hospitalier de l’Université de Montréal (CRCHUM) Montreal, Canada

Graduate Students

Post-doctoral Fellows (total=4)

- 2015-présent **Dr Rafael Ochoa Sanchez**, fellowship from FRQS et CONACYT
The brain in obesity-induced liver disease.
Research Director
- 2010-2012 **Dr Chantal Bémeur**
The role of lactate in the pathogenesis of neurological complications following liver transplantation.
Research Director
- 2008-2009 **Dr Wolfgang Kresse**
Fluctuations of ammonia lead to Ca²⁺-release from mitochondria: An in vitro fluorescence microscopy study.
Research Director
- 2007-2008 **Dr Mireille Bélanger**, fellowship from Association Canadienne pour l'étude du foie
The role of endothelial and glial cell activation in the pathophysiology of hepatic encephalopathy.
Research Director

Doctoral Students (total=5)

- 2019-present **Amal Trigui**
Ph. D. en Nutrition, Université de Montréal
Impact of malnutrition on hepatic encephalopathy.
Co-Research Director
Directrice : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2019-present **Farzaneh Tamnanloo**
Ph. D. en Sciences biomédicales, Université de Montréal
Neuronal death caused by episodic hepatic encephalopathy.
Research Director
- 2017-present **Mariana Oliveira**, fellowship from Fonds de recherche du Québec-Santé, MITACS et Université de Montréal
Ph.D., Biomedical Sciences, Université de Montréal
Glutamine synthetase in endothelial cells of the blood-brain barrier and its role in ammonia metabolism and the onset of hepatic encephalopathy in liver disease.
Research Director
- 2006-2016 **Rune Kristiansen**
Ph. D. in Experimental Medicine, University Hospital Northern Norway, Norvège
L-Ornithine Phenylacetate as a novel ammonia lowering strategy and experimental tool to investigate the pathophysiology of intracranial hypertension in pigs with acute liver failure
Co-Research Director
Director : Dr Lars Ytrebø, University Hospital Northern Norway, Norvège
- 2008-2015 **Cristina Bosoi**, fellowship from Fonds de recherche du Québec-Santé
Ph. D. in Biomedical Sciences (passage direct de M. Sc. à Ph.D.; 05/2009)
Implications of oxidative/nitrosative stress in the pathogenesis hepatic encephalopathy.
Research Director

Master's Students (total=17)

2019-présent	<p>Katerina Kroupina M. Sc. en Pharmacologie, Université de Montréal <i>A high protein diet : treatment or precipitant for hepatic encephalopathy?</i> Directeur de recherche</p>
2019-2019	<p>Eugénie Rousseau, boursière MITACS Master2, Université de Poitiers, France <i>Oxidative stress in high-fat diet fed cirrhotics rats.</i> Directeur de recherche</p>
2019-present	<p>Manila Sophasath M. Sc. in Nutrition, Université de Montréal <i>Evaluation of educational guide in nutrition for people with chronic liver disease.</i> Research Co-Director Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal</p>
2019-2019	<p>Alexis Monnet-Aimard Master, Université de Poitiers, France <i>The blood-brain barrier in cirrhotic rats: a male and female comparison.</i> Research Director</p>
2017-2019	<p>Gregory Petrazzo M. Sc. in Biomedical Sciences, Université de Montréal <i>Hepatic encephalopathy sensitize brain to neuronal death induced by hypotension/reperfusion in cirrhotics rats.</i> Research Director</p>
2016-2018	<p>Annie Lamoussenerie M. Sc. in Nutrition, Université de Montréal <i>Development of a measuring tool of malnutrition in cirrhotic population.</i> Research Co-Director Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal</p>
2016-2018	<p>Cassandra Picinbino-Larose M. Sc. in Nutrition, Université de Montréal <i>Impact of nutritional status on the complications of chronic liver disease.</i> Research Co-Director Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal</p>
2015-2017	<p>Mariana Oliveira, fellowship from MITACS et Université de Montréal M. Sc. in Biomedical Sciences, Université de Montréal <i>Role of ammonia and oxidative stress on blood-brain barrier's permeability.</i> Research Director</p>
2014-2017	<p>Rafaela de Melo Almeida M. Sc. in Nutrition, Université de Montréal <i>Mitochondrial function and inflammatory stress in acidosis of Saguenay-Lac-Saint-Jean.</i> Research Co-Director Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal</p>
2013-2015	<p>Marc-André Clément, fellowship from Fondation Canadienne du Foie M. Sc. in Pharmacology, Université de Montréal <i>Tyrosine: a new pathogenic factor involved in the pathogenesis of hepatic encephalopathy?</i> Research Director</p>
2015-2015	<p>Émilie Lesot Master Sciences et technologies, Biologie intégrative et physiologie, Université Pierre et Marie Curie, France <i>Impact of leucine and exercise on muscle in cirrhotic rats.</i></p>

- Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2014-2014 **Sara Ghezal**, fellowship from *FSDIE*
Master Sciences et technologies, Biologie intégrative et physiologie, Université Pierre et Marie Curie, France
Impact du statut nutritionnel et de la masse musculaire sur la pathogenèse de l'encéphalopathie hépatique chez le rat.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2014-2014 **Amani Chihi**, fellowship from *AMIE*
Master Sciences et technologies, Biologie intégrative et physiologie, Université Pierre et Marie Curie, France
Étude de l'impact d'un stress de type inflammatoire dans un modèle cellulaire d'acidose lactique du Saguenay-Lac-Saint-Jean.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2013-2014 **Raphaële Ferland-Very**
M. Sc. in Nutrition, Université de Montréal
Développement d'un outil de mesure de la malnutrition dans la population cirrhotique.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2011-2012 **Christian Parent-Robitaille**, fellowship from *Fonds de recherche du Québec-Santé*
M. Sc. in Biomedical Sciences, Université de Montréal
Ischemia in hepatic encephalopathy
Research Director
- 2012-2012 **Nelly Paladines**
M. Sc. professionnelle in clinical Pharmacology, Université de Montréal
Expression of glutamine synthetase in hepatic encephalopathy.
Research Director
- 2009-2011 **Jimmy Huynh**
M. Sc. in Biomedical Sciences, Université de Montréal
Blood brain barrier integrity in the pathogenesis of hepatic encephalopathy.
Research Director
- 2008-2010 **Xiaoling Yang**
M. Sc. in Biomedical Sciences, Université de Montréal
Effects of oxidative stress in hepatic encephalopathy.
Research Director

DESS (Diploma of graduate specialized studies) students (total =3)

- 2017-2018 **Xiaoru Chen**
DESS in clinical Pharmacology, Université de Montréal
Alcoholic cerebellar degeneration in bile-duct ligated rats.
Research supervisor
- 2015-2015 **Annie Lamoussenerie**
DESS in Nutrition, Université de Montréal
Développement d'un outil de mesure de la malnutrition dans la population cirrhotique.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 2012-2012 **Ada Rivera**
DESS in clinical Pharmacology, Université de Montréal

Glutaminase activity in muscle.
Research Director

Undergraduate Students (total=52)

- 05/2019-09/2019 **Félix Veillette**
Stagiaire, B. Sc. in Neurosciences, Université de Montréal
Modulation du microbiote dans l'encéphalopathie hépatique.
Research Director
- 05/2019-09/2019 **Laurence Grenier**
Stagiaire, B. Sc. in Cognitive Sciences, Université de Montréal
Tests psychométriques chez les patients cirrhotiques.
Research Director
- 05/2019-09/2019 **Katerina Kroupina**
Stagiaire
Research Director
- 01/2019-04/2019 **Félix Veillette**
Stagiaire, B. Sc. in Neurosciences, Université de Montréal
Péritonite bactérienne spontanée: absente ou présente chez les rats avec ligation de voie biliaire?
Research Director
- 02/2019-03/2019 **Javiera Diaz Sotomayor**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), University of Chile, Santiago, Chile
Dosage of hydroxyproline in liver of cirrhotic rats treated with probiotics.
Research Director
- 05/2018-08/2018 **Linsheng He**
Stagiaire, B. Sc. In Biomedical Sciences, Université de Montréal
Caractérisation histologique du foie cirrhotique : fibrose et infiltration lipidique.
Research Director
- 03/2018-04/2018 **Nobuyuki Otani**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), Medicine, Osaka City University, Osaka City, Japon
Purification of endothelial cells from different organs.
Research Director
- 02/2017-09/2017 **Julia Ruf**
Stagiaire, M. Sc. Biotechnology, Hochschule Weihenstephan-Triesdorf, Germany
Development of an in vitro model of episodic hepatic encephalopathy.
Research Director
- 06/2017-09/2017 **Charlène Blanchette, boursière PREMIER et Fondation Canadienne du Foie**
Stagiaire, B. Sc. in Nutrition, Université de Montréal
Impact of exercise on brain protection in experimental chronic liver disease.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 07/2017-08/2017 **Katarzyna H. Bak**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), Medicine, University of Warmia and Mazury, Pologne
Expression of a lactate receptor.
Research Director
- 06/2017-08/2017 **Sofía Ortiz-Pacheco**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), Medicine, Autonomous University of Yucatan, Mexique
Cell localization of glutamine synthetase.
Research Director

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- 06/2017-08/2017 **Raluca Ticala**
Stagiaire, B. Sc. in Nutrition, Université de Montréal
Therapeutic potential of inhibition of mTOR during French Canadian variant of Leigh Syndrome
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 05/2017-06/2017 **Bowworn Juengwattanasirikul**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), Chulalongkorn University, Thaïlande
Assessing glutamine synthetase levels on endothelial cells of the blood-brain barrier in vivo and in vitro.
Research Director
- 05/2017-08/2017 **Sarah Mashkour**
Stagiaire, Neurosciences, Université de Montréal
Neuronal death induced by episodes of hepatic encephalopathy in a model of cirrhotic rat.
Research Director
- 02/2017-09/2017 **Julia Ruf**
Stagiaire, M.Sc. Biotechnology, Hochschule Weihenstephan-Triesdorf, Germany
Development of an in vitro model of episodic hepatic encephalopathy.
Research Director
- 05/2017-08/2017 **Kim Phat Pham**, fellowship from COPSE et Fondation Canadienne du Foie
05/2016-08/2016 Stagiaire, B. Sc. de Biomedical Sciences, Université de Montréal
The episodic hepatic encephalopathy leads to neuronal death in cirrhotic rats.
Research Director
- 08/2016-12/2016 **Fannie Dancose**
Stagiaire, Sciences biologiques, Université de Montréal
Caractérisation cérébrale des souris mutantes LRPPRC.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 07/2016-10/2016 **Marcos Ocaña-Sanchez**
Stagiaire, M. Sc. Neuroethology, Universidad Veracruzana, Mexique
The brain in obesity-induced liver disease.
Research Director
- 08/2016-09/2016 **Vasco Almeida**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), Universidade do Porto, Portugal
Lactate during episodic hepatic encephalopathy..
Research Director
- 07/2016-08/2016 **Amina Grabovica**
Stagiaire, Programme d'échange d'étudiants en médecine (IFMSA), University of Oslo, Norvège
Glutamine synthetase activity in muscle of rats with chronic liver disease fed with high-fat diet. Research Director
- 05/2015-08/2015 **Maxime Hovington**, fellowship from COPSE
Stagiaire, B. Sc. de Biomedical Sciences, Université de Montréal
Neuroinflammation induced by neuronal death in cirrhosis model superimposed with hypotension.
Research Director
- 05/2015-08/2015 **Alexa Aberle**
Stagiaire, Médecine, Université de Montréal
Glutamine synthetase expression in a murine model fed with high-fat diet.
Research Director
- 06/2015-07/2015 **Corine Fontaine**, fellowship from COPSE
Stagiaire, Nutrition, Université de Montréal
Différenciation musculaire durant la cirrhose.
Research Co-Director
Director : Dr Chantal Bémeur, département de nutrition, Université de Montréal

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- 08/2014-10/2014 **Daria Doncevic**, fellowship from *Deutscher Akademischer Austausch Dienst (DAAD)*
Stagiaire, B. Sc. Molecular Biotechnology, Ruprecht-Karls-University, Allemagne
Role of ammonia and oxidative stress on blood-brain barrier.
Research Director
- 05/2014-08/2014 **Valérie Boucher**, fellowship from *COPSE*
Stagiaire, Médecine, Université de Montréal
Role of ammonia and oxidative stress on blood-brain barrier.
Research Director
- 05/2014-08/2014 **Léandro de Paula Gregório**, fellowship from *MITACS*
Stagiaire, Médecine, Universidade Federal de Minas Gerais, Brésil
Étude de la mort neuronale dans un modèle de cirrhose surimposée d'une hypotension.
Research Director
- 05/2014-07/2014 **Cristiane Müllenmeister**
Stagiaire, Université de Montréal
Impact of leucine and exercise on metabolic state, muscle mass and hepatic encephalopathy in cirrhotic rats.
Co-Research Director
Directrice : Dr Chantal Bémeur, département de nutrition, Université de Montréal
- 01/2014-03/2014 **Roxanne Beauchamp**
Stagiaire, B. Sc. biology, UQAM
Impact de l'exercice sur l'état métabolique, la masse musculaire et l'encéphalopathie hépatique chez le rat.
Research Director
- 09/2013-03/2014 **Rajeswari Gubbula**
Stagiaire
Glutamate transporters in muscle.
Research Director
- 06/2013-09/2013 **Marc-André Clément**
Stagiaire
Development of model of hypotension in rats.
Research Director
- 07/2013-08/2013 **Lucia Matejková**
Stagiaire, Programme d'échange d'étudiants in médecine (IFMSA), Masaryk University, République Tchèque
Activity of glutamine synthetase and glutaminase
Research Director
- 06/2013-09/2013 **Xin Yue Chen**
Stagiaire, Médecine, Université de Montréal
Expression of glutamine synthetase and glutaminase during chronic hepatic encephalopathy.
Research Director
- 05/2013-07/2013 **Mariana Oliveira**, fellowship from *MITACS*
Stagiaire, étudiante au B.Sc in biology, Université de Sao Paulo, Brésil
Development of an ammonia dosage.
Research Director
- 05/2012-08/2012 **Vi Thuy Tran**, fellowship from *COPSE-Fonds de recherche du Québec-Santé*
Stagiaire, Médecine, Université de Montréal
D-Lactate; a new marker for hepatic encephalopathy?
Research Director
- 06/2012-09/2012 **Laurent Bilodeau**, fellowship from *American Gastroenterological Association*
Stagiaire, Médecine, Université Laval
The effect of brain edema on neuronal function.
Research Director
- 10/2011-12/2011 **Eleni Tzifra**
Stagiaire, Programme d'échange d'étudiants in médecine (IFMSA), Université de Patras, Grèce

- Peripheral oxidative stress in chronic liver failure.*
Research Director
- 02/2011-07/2011 **Cédric Leboeuf**, fellowship from *Envoleo*
Stagiaire, licence professionnelle in biotechnology, Université de Nantes, France
Characterization of ionic transporters on blood-brain barrier in hepatic encephalopathy.
Research Director
- 05/2010-09/2010 **Tayeb Dennouna Dalero**
Stagiaire, Programme d'échange d'étudiants in médecine (IFMSA), Université de Séville, Espagne
Glutamine synthetase activity in hepatic encephalopathy
Research Director
- 05/2010-09/2010 **Helen Andrea Marin**
Stagiaire, B. Sc. in Biomedical Sciences, Université de Montréal
Metabolism of lactate in neurons in hepatic encephalopathy.
Research Director
- 05/2008-09/2008 **Christian Parent-Robitaille**, fellowship from *Fondation Canadienne du Foie*
05/2009-09/2009 Stagiaire, B. Sc. in Biology, Université Concordia
05/2010-08-2010 *Cerebral immunohistochemical evidence of oxidative/nitrosative stress in bile duct ligated rats*
Research Director
- 03/2010-05/2010 **Xiaoxue Su**
Stagiaire
Expression de SNAT-3 et SNAT-5 dans les modèles BDL et PCA.
Research Director
- 05/2009-09/2009 **Jimmy Huynh**
Stagiaire, Université McGill
Blood brain barrier integrity in the pathogenesis of hepatic encephalopathy
Research Director
- 05/2009-09/2009 **Patricia Bélanger**
Stagiaire, B. Sc. in sciences biologiques, Université de Montréal
Study of the synergistic role of ammonia, oxidative stress and inflammation in the pathogenesis of encephalopathy in chronic liver failure.
Research Director
- 05/2009-09/2009 **Yu Yen**
Stagiaire, Programme d'échange d'étudiants in médecine (IFMSA), National Taiwan University, Chine
Aquaporin-4 expression in hepatic encephalopathy.
Research Director
- 05/2008-09/2008 **Matthew Hachey**
Stagiaire
pH dependent changes in association with changes in cytosolic Ca²⁺ in cultured astrocytes: role of ammonia.
Research Director
- 05/2008-09/2008 **YuanHang Cao**
Stagiaire, B. Sc. in Biochemistry, Université McGill
Expression of ammonia transporters (RhBG and RhCG) in brains of rats with portacaval anastomosis and primary biliary cirrhosis.
Research Director
- 01/2008-05/2008 **Xiaoling Yang**
Stagiaire, Université de Montréal
Effects of oxidative/nitrosative stress in hepatic encephalopathy.
Research Director
- 01/2008-05/2008 **Cristina Bosoi**
Stagiaire
Implications of oxidative/nitrosative stress in the pathogenesis of hepatic encephalopathy.
Research Director

05/2007-09/2007 **Adam Fontebasso**, fellowship from *Fondation Canadienne du Foie*
 Stagiaire, B. Sc. in Biochemistry, Université McGill
Blood cytokine levels in rats with chronic liver failure.
 Research Director

Other students

Invited researchers (total =3)

04/2015 **Vincent Forster** (post-doctorat) et **Valentina Agostini** (post-doctorat)
The effect of liposome-supported peritoneal dialysis in the prevention of induced cirrhosis.
 Director: Dr Jean-Christophe Leroux, ETH Zürich, Switzerland

11/2014 **Vincent Forster** (post-doctorat)
The effect of liposome-supported peritoneal dialysis in the prevention of induced cirrhosis.
 Director: Dr Jean-Christophe Leroux, ETH Zürich, Switzerland

Students in training within collaboration projects (total = 5)

04/2017-05/2017 **Simon Matoori**
 Ph.D., ETH Zürich, Switzerland
Ammonia-binding polymers as an ammonia-lowering strategy in chronic liver disease.
 Director: Dr Jean-Christophe Leroux, ETH Zürich, Switzerland

08/2016-12/2016 **Luise Aamann**, fellowship from *ISHEN*
 MD-Ph. D., Aarhus University Hospital, Denmark
The beneficial effects of aerobic vs anaerobic exercise in muscle mass optimization and development of hepatic encephalopathy.
 Director : Dr Gitte Dam, Aarhus University Hospital, Denmark

04/2014-07/2014 **Fatma Amri**, fellowship from *du Programme canadien de Bursarys de la Francophonie*
 Ph. D., Université El Manar, Tunisia
Implication de la neuroglobine dans l'encéphalopathie hépatique.
 Director: Pr Masmoudi Olfa, Université El Manar, Tunisie

07/2013-08/2013 **Jorge Almagro** and **Juan Bañares**
 B. Sc. biology et Médecine, Hospital General Universitario Gregorio Marañón
The effect of heparin on the onset of portal hypertension and development of hepatic encephalopathy.
 Director : Dr Javier Vaquero, Hospital General Universitario Gregorio Marañón, Espagne

Publications

Articles (total=75)

1. Mouchiroud M, Camiré É, Aldow M, Caron A, Jubinville É, Turcotte L, Kaci I, Beaulieu M-J, Roy C, Labbé SM, Varin TV, Gélinas Y, Lamothe J, Trottier J, Mitchell PL, Guénard F, Festuccia WT, Joubert P, **Rose CF**, Karvellas CJ, Barbier O, Morissette MC, Marette A and Laplante M (2019) The hepatokine Tsukushi is released in response to NAFLD and impacts cholesterol homeostasis. *Mol Metab* doi: 10.1016/j.molmet.2019.09.014
2. Mouchiroud M, Camiré É, Aldow M, Caron A, Jubinville É, Turcotte L, Kaci I, Beaulieu M-J, Roy C, Labbé SM, Varin TV, Gélinas Y, Lamothe J, Trottier J, Mitchell PL, Guénard F, Festuccia WT, Joubert P, **Rose CF**, Karvellas CJ, Barbier O, Morissette MC, Marette A and Laplante M (2019) The hepatokine Tsukushi is released in response to NAFLD and impacts cholesterol homeostasis. *JCI insight* 4.e129492
3. Aamann L, Ochoa-Sanchez R, Oliveira M, Tremblay M, Bemeur C, Dam G, Vilstrup H, Aagaard NK and **Rose CF** (2019) Progressive resistance training prevents loss of muscle mass and strength in bile duct ligated rats. *Liver Int* 39:676-683.
4. Ochoa-Sanchez R, **Rose CF** (2018) Pathogenesis of hepatic encephalopathy in chronic liver disease. *J Clin Exp Hepatol* 8:262-271.
5. Weiss N, Dam G and **Rose CF** (2018) Ammonia: this is not the end but rather the end of the beginning. *J Hepatol*, 68:1110-1113.
6. Reuter B, Walter K, Biggins SW, Bissonnette J, **Rose CF**, Lai JC, Leise MD, Kamath PS, Tandon P, Wade J and Bajaj JS. (2018) Assessment of the Spectrum of Hepatic Encephalopathy: A Multi-Center Study. *Liver Transpl*. 24:587-594.
7. Bhanji RA, Moctezuma-Velazquez C, Duarte-Rojo A, Ebadi M, Ghosh S, **Rose C** and Montano-Loza AJ (2018) Myosteatosis and sarcopenia are associated with hepatic encephalopathy in patients with cirrhosis. *Hepatol Int*. 12:377-386
8. Fortea JI, Zipprich A, Fernandez-Mena C, Puerto M, Bosoi CR, Almagro J, Hollenbach M, Bañares J, Rodriguez-Sanchez B, Clément MA, **Rose CF**, Bañares R, Vaquero J and Ripoll C (2018) Enoxaparin does not ameliorate liver fibrosis or portal hypertension in rats with advanced cirrhosis. *Liver Int* 38:102-112.
9. Karvellas CJ, Speiser JL, Tremblay M, Lee WM, **Rose CF** and US Acute Liver Failure Study Group (2017) The association between FABP7 serum levels with survival and neurological complications in acetaminophen-induced acute liver failure: a nested case-control study. *Ann Intensive Care* 7:99.
10. **Rose CF** (2017) What's New in Our Understanding of the Pathogenesis of Hepatic Encephalopathy? *Clin Liver Dis* 10:29-31.
11. Bosoi CR, Oliveira MM, Ochoa-Sanchez R, Tremblay M, Ten Have GA, Deutz NE, **Rose CF** and Bemeur C (2017) The bile duct ligated rat: A relevant model to study muscle mass loss in cirrhosis. *Metab Brain Dis* 32:513-518.
12. Dasarathy S, Mookerjee RP, Rackayova V, Rangroo Thrane V, Vairappan B, Ott P and **Rose CF** (2017) Ammonia toxicity: from head to toe? *Metab Brain Dis* 32:529-538.
13. Karvellas CJ, Speiser JL, Tremblay M, Lee WM, **Rose CF** and US Acute Liver Failure Study Group (2017) In reply: Elevated FABPI serum levels are associated with poorer survival in acetaminophen-induced acute liver failure. *Hepatology*. 66:670-671.
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