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## **Dr. Julie Autmizguine**

Correspondence language: French

Sex: Female

Date of Birth: 10/09

Canadian Residency Status: Canadian Citizen

Country of Citizenship: Canada

## **Contact Information**

The primary information is denoted by (\*)

### **Address**

Primary Affiliation (\*)

3175 Chemin de la Côte Sainte Catherine  
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### **Telephone**

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### **Email**

Work (*)	julie.autmizguine@umontreal.ca
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## Dr. Julie Autmizguine

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### Language Skills

Language	Read	Write	Speak	Understand
English	Yes	Yes	Yes	Yes
French	Yes	Yes	Yes	Yes
Spanish; Castilian	Yes	No	Yes	Yes

### User Profile

Disciplines Trained In: Pediatrics, Pharmacology

Research Disciplines: Pediatrics, Pharmacology

Areas of Research: Infectious Diseases, Pharmacokinetics

Fields of Application: Pathogenesis and Treatment of Diseases

Research Specialization Keywords: Antimicrobials, Infectious Disease, Pediatrics, Pharmacokinetics, Pharmacology

### Degrees

- 2012/7 - 2014/6 Diploma, Fellowship Clinical Pharmacology, Clinical Pharmacology, Duke University  
Degree Status: Completed  
Supervisors: Michael Cohen-Wolkowicz; Daniel K Benjamin, Jr
- 2012/9 - 2014/5 Master's Thesis, Masters of Science, Clinical Research, Duke University  
Degree Status: Completed  
Supervisors: Alex Kemper; P. Brian Smith
- 2012/9 - 2012/10 Diploma, Royal College Examination Pediatric Infectious Disease, Royal College of Physicians and Surgeons Of Canada  
Degree Status: Completed  
Supervisors: NA
- 2009/7 - 2012/4 Diploma, Residency Pediatric Infectious Disease, Pediatric Infectious Disease, Université de Montréal  
Degree Status: Completed  
Supervisors: Valerie Lamarre
- 2010/6 - 2010/7 Diploma, Royal College Examination Pediatrics, Royal College of Physicians and Surgeons Of Canada  
Degree Status: Completed  
Supervisors: NA

2009/9 - 2010/6	Diploma, Epidemiology Certificate, Clinical Epidemiology, Hôpital Sainte Justine Degree Status: Completed Supervisors: Jocelyn Gravel
2006/7 - 2009/6	Diploma, Residency Pediatrics, Pediatrics, Université de Montréal Degree Status: Completed Supervisors: Catherine Farrell
2007/8 - 2007/9	Diploma, Medical Council of Canada Qualifying Examination Part II, Medicine, Medical Council of Canada Degree Status: Completed Supervisors: NA
2006/5 - 2006/6	Diploma, Medical Council of Canada Qualifying Examination Part I, Medicine, Medical Council of Canada Degree Status: Completed Supervisors: NA
2002/9 - 2006/6	Doctorate Equivalent, Medical Doctor - M.D., Medicine, Université de Sherbrooke Degree Status: Completed Supervisors: NA
1999/9 - 2002/7	Bachelor's Equivalent, Medical PCEM1, PCEM2, DCEM1, Medicine, Université de Montpellier I Degree Status: Completed Supervisors: NA

## Credentials

2014/5	MHS, Duke University
2010/6	FRCPC, Royal College of Physicians and Surgeons of Canada
2006/5	MD, Université de Sherbrooke

## Recognitions

2014/6	Robert A. Harrington Excellence in Fellowship Award Duke Clinical Research Institute Prize / Award
2012/4	Best presentation at Saint-Justine Hospital Pediatrics Residents' Research Day Hôpital Sainte Justine Prize / Award
2002/1 - 2002/1	Prix IMS - 2,000 (Canadian dollar) IMS Health Canada Distinction
2000/7	Valedictorian (majore de promotion) Université Montpellier I Distinction

## Employment

2014/10	Assistant Professor Pharmacology, Medicine, Université de Montréal
2014/10	Assistant Professor Pediatrics, University of Montreal, Université de Montréal

2010/11 - 2010/12	Infectious Disease tutor Médecine, University of Montreal, Université de Montréal
2008/9 - 2009/5	Coordinator of The Pediatric courses for Residents Pediatrics, University of Montreal, Université de Montréal
2008/9 - 2008/10	Pediatric Resident Agence de Santé Communautaire Canada-Afrique
2003/9 - 2004/6	Research Trainee Institut de pharmacologie de Sherbrooke, University of sherbrooke, Université de Sherbrooke
2003/1 - 2003/6	Research Trainee Médecine de famille, University of sherbrooke, Université de Sherbrooke
2002/2 - 2002/5	Anatomy Tutor Institut Preparation aux etudes medicales
2001/9 - 2001/12	Molecular biology Tutor Association carabine Montpellierraine

## Affiliations

The primary affiliation is denoted by (\*)

(\*) 2014/10          Assistant Professor, Pharmacology, Université de Montréal

## Leaves of Absence and Impact on Research

2010-12-14 - 2011-08-30	Parental, Université de Montréal Interruption of Pediatric Infectious Disease Residency
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## Research Funding History

### Completed [n=1]

2012/7 - 2014/6	Irma Leasseur
Principal Investigator	<b>Funding Sources:</b>
	2012/7 - 2014/6    CHU Sainte-Justine
	Irma Levasseur
	Total Funding - 80,000 (Canadian dollar)
	Funding Competitive?: Yes

## Community and Volunteer Activities

2008/11	Pediatrician, Canada-Africa Health Alliance Pediatrician in rural communities of Benin
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## International Collaboration Activities

2015-11-02	Site InvestigatorCanada I am the site investigator at the CHU Ste-Justine for a multicenter trial: SCAMP (Antibiotic safety in infants with complicated intra-abdominal infections) within the Pediatric Trial Network, a NIH-sponsored research network (NCT01994993).
2015-09-01	Site Investigator, Canada I am the site investigator at the CHU Ste-Justine for a multicenter trial: POPS (Pharmacokinetics of understudied drugs administered to children per standard of care) within the Pediatric Trial Network, a NIH-sponsored research Network (NCT01431326).

## Presentations

1. (2014). Anaerobic Therapy and Clinical Outcomes in Premature Infants with Necrotizing Enterocolitis. Duke Clinical Research Institute Grand Round, Durham, United States  
Main Audience: Researcher  
Invited?: Yes
2. (2012). Voriconazole in a child with sepsis. Sainte-Justine Hospital Clinical Pharmacology Conference, Canada  
Main Audience: Researcher  
Invited?: Yes
3. Krajinovic M, Rousseau J, Théorêt Y, Litalien C, Marquis C, Tapiéro B, Ovetchkine P. (2011). Pharmacogenetics and beyond: variability of voriconazole plasma levels in a patient with primary immunodeficiency. The Canadian Society of Pharmacology and Therapeutics, Canada  
Main Audience: Researcher  
Invited?: No

## Publications

### Journal Articles

1. Blanchard AC, Quach C, Autmizguine J. (2015). Staphylococcal infections in infants: Updates and current challenges. *Clinics in Perinatology*. 42(1): 119-32.  
Last Author  
Published  
Refereed?: Yes  
Number of Contributors: 3
2. Autmizguine J, Cohen-Wolkowicz M, Ilowite N for the RAPPORT investigators. (2015). Riloncept Pharmacokinetics in Children with Systemic Juvenile Idiopathic Arthritis. *J Clin Pharmacol*. 55(1): 39-44.  
First Listed Author  
Published  
Refereed?: Yes
3. Autmizguine J, Hornik C, Benjamin DK Jr, Laughon MM, Clark RH, Cotten CM, Cohen-Wolkowicz M, Benjamin DK, Smith PB on behalf of the Best Pharmaceuticals for Children Act – Pediatric Trials Network Administrative Core Committee. (2015). Anaerobic therapy and clinical outcomes in very-low-birth-weight infants with necrotizing enterocolitis.. *Pediatrics*. 135(1): e117-25.  
First Listed Author  
Published  
Refereed?: Yes
4. Laverdiere M, Bow EJ, Rotstein C, Autmizguine J, Broady R, Garber G, Haider S, Hussaini T, Husain S, Ovetchkine P, Seki JT, Théorêt Y. (2014). Therapeutic Monitoring of Triazoles: A Needs Assessment Review and Recommendations from a Canadian Perspective. *Canadian Journal of Infectious Diseases & Medical Microbiology*. 25(6): 327-43.  
Co-Author  
Accepted  
Refereed?: Yes
5. Gonzalez D, Melloni C, Yogev R, Poindexter BB, Mendley SR, Delmore P, Sullivan J, Autmizguine J, Lewandowski A, Harper B, Watt KM, Capparelli EV, Benjamin Jr DK, Cohen-Wolkowicz M. (2014). Use of Opportunistic Clinical Data and a Population Pharmacokinetic Model to Support Dosing of Clindamycin for Premature Infants to Adolescents. *Clin Pharmacol Ther*. 96(4): 429-437.  
Co-Author  
Published  
Refereed?: Yes

6. Autmizguine J, Moran C, Gonzalez D, Capparelli EV, Smith PB, Benjamin DK, Cohen-Wolkowicz M, Watt KM. (2014). Vancomycin Pharmacokinetics and Cerebrospinal Fluid Exposure in Children with Cerebral Ventricular Shunt Infections.. *Pediatr Infect Dis J.* 33(10): e270-e272.  
First Listed Author  
Published  
Refereed?: Yes
7. Autmizguine J, Guptill JT, Cohen-Wolkowicz M, Benjamin DK, Capparelli EV. (2014). Pharmacokinetics and Pharmacodynamics of Antifungals in Children: Clinical Implications. *Drugs.* 74(8): 891-909.  
First Listed Author  
Published  
Refereed?: Yes
8. Autmizguine J, Benjamin DK, Smith PB, Sampson M, Ovetchkine P, Cohen-Wolkowicz M, Watt KM. (2014). Pharmacokinetic Studies in Infants Using Minimal-risk Study Designs. *Current Clinical Pharmacology.* 9(4): 350-358.  
First Listed Author  
Published  
Refereed?: Yes
9. Autmizguine J, Watt KM, Théorêt Y, Kassir N, Laferrière C, Parent S, Tapiéro B, Ovetchkine P. (2013). Pharmacokinetics and pharmacodynamics of oral cephalexin in children with osteoarticular infection. *Pediatr Infect Dis J.* 32(12): 1340-1344.  
First Listed Author  
Published  
Refereed?: Yes
10. Autmizguine J, Krajcinovic M, Rousseau J, Théorêt Y, Litalien C, Marquis C, Tapiéro B, Ovetchkine P. (2012). Pharmacogenetics and beyond: variability of voriconazole plasma levels in a patient with primary immunodeficiency. *Pharmacogenomics.* 13(16): 1961-1965.  
First Listed Author  
Published  
Refereed?: Yes
11. Autmizguine J, Théorêt Y, Launay E, Duval M, Rousseau C, Tapiéro B, Boivin G, Ovetchkine P. (2011). Low systemic ganciclovir exposure and preemptive treatment failure of cytomegalovirus reactivation in a transplanted child. *Journal of Population Therapeutics and Clinical Pharmacology.* 18(2): 257-260.  
First Listed Author  
Published  
Refereed?: Yes

## Book Chapters

1. Bhosle VK, Altit G, Autmizguine J, Chemtob S. (2014). Basic Pharmacologic Principles. *Fetal and Neonatal Physiology.*  
Co-Author  
Submitted, Elsevier  
Refereed?: No
2. Carle S, Autmizguine J, Quach C. (2014). Les Antifongiques. *Précis de Pharmacologie.*  
Co-Author  
Submitted, Les presses de L'Université de Montréal  
Refereed?: No
3. Truong J, Autmizguine J. (2014). Les beta-lactames. *Précis de Pharmacologie.*  
Last Author  
Submitted, Les presses de L'Université de Montréal  
Refereed?: No

**Conference Publications**

1. Ericson JE, Gostelow M, Autmizguine J, Clark RH, Benjamin Jr DK, Hornik CP, Smith PB. (2015). Safety of Acyclovir in Infants with HSV in the Era of High-Dose Therapy. Pediatric Academic Societies Annual Meeting  
Abstract  
Co-Author  
Published, Invited?: No
2. Autmizguine J, Cohen-Wolkowicz M, Brouwer KL, Benjamin DK Jr, Watt KM. (2015). Pharmacokinetics of Micafungin in Children Supported with Extracorporeal Membrane Oxygenation.. American Society for Clinical Pharmacology and Therapeutics 2015 Annual Meeting  
Poster  
First Listed Author  
Published, Invited?: No
3. Kanecia OZ, Autmizguine J, Cheifetz IM, Rycus P, Watt KM. (2015). Redefining fungus in ECMO: Infection and colonization do not differ. Society of Critical Care Medicine Annual Congress  
Poster  
Co-Author  
Published, Invited?: No
4. Autmizguine J, Tan S, Cohen-Wolkowicz M, Cotton MC, Goldberg RN, Adams-Chapman I, Stoll B, Smith PB, Benjamin Jr DK. (2014). Antifungal Susceptibility and Clinical Outcome in Neonatal Candidiasis.. Pediatric Academic Societies annual meeting  
Poster  
First Listed Author  
Published, Invited?: No
5. Autmizguine J, Hornik C, Benjamin DK Jr, Laughon MM, Clark RH, Cotten CM, Cohen-Wolkowicz M, Benjamin DK, Smith PB. (2014). Anaerobic therapy and clinical outcomes in very-low-birth-weight infants with necrotizing enterocolitis.. Pediatric Academic Societies annual meeting  
Poster  
First Listed Author  
Published, Invited?: No
6. Gonzalez D, Melloni C, Yogeve R, Watt KM, Poindexter B, Mendley S, Delmore P, Autmizguine J, Lewandowski A, Harper B, Capparelli EV, Benjamin Jr DK, Cohen-Wolkowicz M. (2014). Pharmacokinetics of Clindamycin from Premature Infants to Adolescents Using Opportunistic Sampling. American Society for Clinical Pharmacology and Therapeutics annual meeting  
Poster  
Co-Author  
Published
7. Autmizguine J, Watt K, Kassir N, Theoret Y, Watt K, Parent S, Tapiéro B, Ovetchkine P. (2012). Pharmacokinetics and pharmacodynamics of oral cephalexin in children with osteoarticular infection. ID week Annual Meeting  
Poster  
First Listed Author  
Published, Invited?: No