

### PERSONAL INFORMATION **Dominique Ploin**

#### WORK EXPERIENCE

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- November 1999- Present **Paediatrician**  
Hospices Civils de Lyon (France)  
Health care, Clinical Research, Teaching
- December 2016- Present **French Alternate of the Paediatric Committee (PDCO)**  
European Medicines Agency (Netherlands)  
Evaluations of Paediatric Investigation Plans (PIPs) as rapporteur or peer-reviewer. Contributing to Scientific Advice (SA) as PDCO Coordinator for paediatric products. Both activities in PIP evaluations and SA contributions are focused in the field of vaccines and infectious diseases.
- July 2019- Present **Membre du Comite scientifique permanent Pediatrie**  
Agence Nationale de Securite du Medicament (France)
- 2011-June 2019 **Expert du Groupe de travail Pediatrique**  
Agence Nationale de Securite du Medicament (France)
- November 1990-October 1999 **GP**  
Hospices Civils de Lyon (France)  
Health care, Clinical Research

#### EDUCATION AND TRAINING

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- November 1988-October 1990 **House Officier**  
Hospices Civils de Lyon (France)  
Health care, Clinical Research
- November 1997-October 1999 **Senior House Officier in Paediatrics**  
Hospices Civils de Lyon (France)  
Health care, Clinical Research, Teaching
- November 1999-October 2004 **Fellow in Epidemiology and Public Health**  
Hospices Civils de Lyon (France)  
Health care, Clinical Research, Teaching
- July 2004-July 2005 **Fellow in Paediatrics**  
Departement de Pediatrie, Hopital Sainte Justine, Montreal (Canada)  
Health care, Clinical Research

#### ADDITIONAL INFORMATION

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**Expertise** Paediatrics  
Clinical Epidemiology  
Flu & RSV respiratory infections

**Publications** \* Cabet et al. Septic arthritis of facet joint in children: a systematic review and a 10-year consecutive case series. PIDJ 2021. In press.  
\* Bastard P et al. Autoantibodies against type I IFNs in patients with life-threatening COVID-19. Science 2020;370(6515):eabd4585.

- \* Zhang Q et al. Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. *Science* 2020;370(6515):eabd4570.
- \* Pollard AJ et al. Third human challenge trial conference, Oxford, United Kingdom, February 6-7, 2020, a meeting report. *Biologicals*. 2020;66:41-52.
- \* Cremer R et al. [Pediatric informed consent in medical care and research]. *Rev Prat*. 2020;70:218-21.
- \* Pitiot V et al. The use of CT-scan in foreign body aspiration in children: A 6 years' experience. *Int J Pediatr Otorhinolaryngol* 2017;102:169-73.
- \* Angoulvant F et al. Nebulized Hypertonic Saline in Emergency Departments to Reduce Hospitalization Rate for Acute Bronchiolitis: A Randomized Double Blind Clinical Trial. *JAMA Pediatr*. 2017; :e171333.
- \* Ploin D et al. Complications and factors associated with severity of influenza in hospitalized children and adults during the pandemic wave of A(H1N1)pdm2009 infections--the Fluco French cohort. *J Clin Virol* 2013;58:114-9.
- \* Ploin D et al. Enquete RMEF-GFRUP sur les modalites de prise en charge de la crise d'asthme dans les services d'urgences pediatriques francophones : des pratiques a la pratique. *Arch Ped* 2012;19:H151-2.
- \* Chappuy H et al. Do parents understand the medical information provided in paediatric emergency departments? A prospective multicenter study. *Acta Paediatr*. 2012;101:1089-94.
- \* Ploin D et al. Echographic Measurement of Skin Thickness in Sites Suitable for Intradermal Vaccine Injection in Infants and Children. *Vaccine* 2011;29:8438-42.
- \* Pinquier D et al. [Vaccination rate of premature infants at 6 and 24 months of age: a pilot study]. *Arch Pediatr* 2009;16:1533-9.
- \* Moreau A et al. Patient versus general practitioner perception of problems with treatment adherence in type 2 diabetes: from adherence to concordance. *Eur J Gen Pract* 2009;15:147-53.
- \* Javouhey E et al. Management of severely injured children in road accidents in France: impact of the acute care organization on the outcome. *Pediatr Crit Care Med*. 2009;10:472-8.
- \* Cremer R et al. Chronic Diseases in PICU Study Group. Children with chronic conditions in pediatric intensive care units located in predominantly French-speaking regions: Prevalence and implications on rehabilitation care need and utilization. *Crit Care Med*. 2009;37:1456-62.
- \* Bailey B et al. Pneumonie. Dans : Turgeon J et al. Dictionnaire de therapeutique pediatrique Weber. de Boeck, ed, 2e edition. Bruxelles, 2008.
- \* Ploin D et al. Influenza burden in febrile infants and young children in a pediatric emergency department. *Ped Inf Dis J* 2007;26:142-7.
- \* Dupont C et al. [Evaluation of the perinatal network professionals' integration: study about 653 professionals of AUORE network]. *J Gynecol Obstet Biol Reprod*. 2007;36:375-83.
- \* Ploin D et al. [Epidemiology in the pediatric emergency department: needed for children or pediatricians?]. *Arch Pediatr*. 2006;13:553-5.
- \* Touzet S et al. [Evaluation of clinical practices: methods of data collection and information sources?]. *Rev Epidemiol Sante Publique*. 2006;54:223-32
- \* Ploin D et al. [Treatment of exacerbation of asthma: what are today's issues?]. *Arch Pediatr*. 2005;12:351-6.
- \* Cremer R et al. Enfants handicapes ou atteints de maladie chronique en reanimation pediatrique : definitions et epidemiologie. *Actualites en reanimation et urgences* 2005. Elsevier, Paris. 2005, pages 121-32.
- \* Chalumeau M et al. [Clinical epidemiology in pediatrics: shall we close the gap in France?]. *Arch Pediatr* 2005;12:820-2.
- \* Ploin D et al. [Guidelines, consensus and quality of care: what are we talking about?]. *Arch Pediatr*. 2004;11:703-5.
- \* Ploin D et al. Influenza burden in children newborn to eleven months of age in a pediatric emergency department during the peak of an influenza epidemic. *Ped Inf Dis J*. 2003;22:S218-22.
- \* Ploin D et al. [What do "p" and confidence interval mean?]. *Rev Prat*. 2003;53:1749-54.
- \* Mohammedi I et al. [Risk factors for piperacillin-tazobactam-resistant *Escherichia coli* in ICU patients]. *Intensive Care Medicine*. 2003;29:1164-8.
- \* Mohammedi I et al. [Risk factors for amoxicillin-clavulanate-resistant *Escherichia coli* in ICU patients]. *Ann Fr Anesth Reanim*. 2003;22:711-5.

- \* Ploin D et al. [Evaluation of the prognosis of cardiac surgical procedures under cardiopulmonary bypass: strengths and weaknesses of outcome scoring systems]. ITBM-RBM 2002;23(S1):6-13.
- \* Ploin D et al. [Risk factors for early bronchiolitis at asthma during childhood: case-control study of asthmatics aged 4 to 12 years]. Arch Pediatr 2002;9:1025-30.
- \* Ploin D et al. Clinical evaluation of a self blood pressure monitor according to the First International Consensus Conference on Self Blood Pressure Measurement. Blood Pressure Monitoring 2002;7:1-7.
- \* Ploin D et al. [High-dose albuterol by metered-dose inhaler through an asthma spacer device in wheezy infants and young children]. Rev Fr Allergol Immunol Clin 2001; 41:155-64.
- \* Cracowski JL et al. Formation of isoprostanes in children with type IIa hypercholesterolemia. J Cardiovasc Pharmacol 2001;38:228-31.
- \* Ploin D et al. Aspirin and Reye's syndrome. Pediatrics 2001;107:214 [letter].
- \* Ploin D et al. High-dose albuterol by metered-dose inhaler plus a spacer device versus nebulization in preschool children with recurrent wheezing: a double blind, randomized equivalence trial. Pediatrics 2000;106:311-7.
- \* Ploin D et al. Pharmacokinetically guided dosing for intravenous melphalan: a pilot study in patients with advanced ovarian adenocarcinoma. Eur J Cancer 1992;28A:1311-5. Comment in: Eur J Cancer 1992;28A:1302-4.
- \* Tranchand B et al. High-dose melphalan dosage adjustment: possibility of using a test-dose. Cancer Chemother Pharmacol 1989;23:95-100.

**Projects** University Teaching: List upon demand

- \* Co-Chair of the Pediatric Epi Diploma, Lyon I, Lille et Paris V, 2004-2014
- \* Epi, 2nd Year Medical school, Lausanne University, Switzerland, 2005-2008
- \* Therapeutic Education Master Module, Lyon I University, 2004-2011

Auditing manager, improving hospital practices according "Haute Autorite en Sante" Tracer Patient guidelines 2016-2019

Writer of French National Guidelines "Therapeutic Education of the Asthmatic Child", French Health Care Agency (ANAES), 2001-2002

Morbi-mortality review meetings "protection of childhood in danger", in the Paediatric Department, Hospital Femme Mere Enfant, Hospices Civils de Lyon, since 2008

Paediatric Expert of the Institutional Review Board, Comite Sud-Est III, 2012-2015

Biomedical Research Expert, Institutional Review Board, Comite Lyon CLB, 1997-2004

Previously awarded funding for clinical research and trials (List upon demand)

- \* By national institutions
- \* By learned societies: Groupe de Pediatrie Generale, Groupe Francophone d'Urgence et de reanimation pediatrique, Groupe recherches epidemiologiques en pediatrie
- \* By industrial partners: Glaxo, Wellcome, Wyeth

Previously investigator for BD, and Boehringer Ingelheim

Certified Investigator for the International Intima-media Thickness Study, 1993-2000

Wake Forest University/Bowman Gray School of Medicine, Winston Salem, USA

**Memberships** Groupe Francophone de Reanimation et d'Urgence Pediatriques

Groupe de Recherches Epidemiologiques en Pediatrie

Conseil des Medecins du Rhone fellow 69.10251; RPPS 1000.305.9200

**Other Relevant Information** MD (Lyon University 1990), PhD (Lyon University 1993), Diploma in Epidemiology (Mc Gill University 2006).  
Master of pharmacology (Lyon University 1990), Master of immunology (Lyon University 1984).

Clinical and economic analysis of medical decision making (Lyon University 1996), Medical pedagogy (Lyon University 2000), Database analysis in Epi (Lyon University 2000), Paediatric clinical pharmacology (Paris University 1996), Clinical research and methods in Epi (Lyon University 1992), Vaccinology - prevention of infectious diseases (Paris University 2020).

Advanced Course of Vaccinology (ADVAC). WHO & University of Geneva (2018),  
Vaccinology and prevention of infectious diseases (Paris University 2020).