



## PRESCRIRE INTERNATIONAL

**Managing Editor:** Christophe Kopp general practitioner  
**Coordinating Editor:** Christine Badiane  
**Sub Editor:** Karen Albrecht  
**Translators:** Helen Geneviev, Ros Schwartz, David Young  
**Consultants:** Judith Mintzes, Andrea Tarr  
**Subscription department:** Christine Barraud

## PRESCRIRE

**Publishing Director:** Bruno Toussaint  
**Publishing Committee:** José Aguilar, Séverine Carré-Pétraud, Pierre Chirac, Valentine de Belleroche, Hélène Merlin, Jérôme Robert, Philippe Schilliger, Jérôme Sclafer  
**Executive Secretary:** Martine Divet, Jade Pépin  
**Development:** Shirley Decupère with Lucie Alexandre, Élise Dezothez, Bernardin Dilou, Sarah Hembert and Vanessa Sumyuen; Houria Farhi (Algeria)  
**Human Resources:** Valentine de Belleroche with Laetitia Luyeye Kinioko and Huynh Dieu Nguyen  
**Accounts:** Tanguy Goblet with Martine Kowanski  
**Administration, Reception, Mail Room:** Astou Badji, Séverine Bégnés, Ibrahima Daffé and "Il est 5 heures"  
**Circulation and Subscriber Services:** Christine Barraud with Aleksandra Debon, Cécile Gai, Corinne Kramer, Patricia Médioni, Cécile Monteil and Stéphanie Traca; technical solutions B&C Technologies  
**Information Technology:** Xavier Martin-Legeay, with Amaury Guern, Apogea, DevPartner, Dokeos, Les Artisans numériques, PFL consulting, Samu-Informatique, Ze Team

### Design:

**Art Director:** Martine Talent

**LAYOUT:** Nathalie Cappelletti with Nolwenn Benmeziane, Sandrine Guillaume, Geneviève Lamagdelaine, Sandrine Praud, Jennifer Ribeiro-Marta

**Multimedia layout:** Sandrine Praud

**Editor:** Jérôme Sclafer general practitioner with Séverine Carré-Pétraud pharmacist

**Editorial Committee:** José Aguilar, Marie Babin, Pierre Chirac, Philippe Mura

### Section Editors:

• **New products:** Eric Cerqueira pharmacist; Florence Chapelle pharmacist; Nathalie Deleau pharmacist; Antoine Grandvillumin pharmacist; Sébastien Hardy pharmacist  
• **Adverse effects:** Élisabeth Veyria pharmacist with Sophie Ginolhac pharmacist and Céline Roussel pharmacist  
• **Reviews:** José Aguilar MD; Marie Babin biologist; Juliette Barthe general practitioner; Marc Legrelle diabetes specialist; Philippe Mura MD; Céline Martin pharmacist  
• **Information to patients:** Christine Guilbaud pharmacist  
• **Health and society:** Clarisse Briand public health; Pierre Chirac pharmacist; Bénédicte Connault MD  
• **Book review:** Pierre Frouard general practitioner  
• **Guideline watch:** Marine Barillot pharmacist  
• **Reader's test:** Christian Bouret general practitioner  
• **Take it easy:** Christophe Kopp general practitioner  
• **Forum:** Odile Burrus nurse • **Queries and comments:** Cécile Poilpré pharmacist • **Prescrire electronic media:** Hélène Merlin pharmacist

**Production Editor:** Christine Badiane with Sophie Bel

### Information search:

• **Companies and agencies:** Olivier Huyghe with Karine Bégnaud, Sophie Ginolhac, Ayah Hakim, Cécile Loubeyre-Unique, Samia Nabi

• **Literature search:** Marine Barillot, Cécile Loubeyre-Unique, Minata Traoré with Astou Badji, Nathalie Hayes and Hortense Sanon

**Packaging working group:** Olivier Huyghe and Samia Nabi

**Editorial Office:** Christelle Sissokho with Hélène Declercq

**Editors:** Nadine Aidan dentist; Laurence Aimard civil engineer; Anne Americh pharmacist; Anne Aubert pharmacist; Karine Bégnaud pharmacist; Éric Bel pharmacist; Angèle Bouquet pharmacist; Delphine Bourneau-Martin pharmacist; Isabelle Breton MD; Sophie Chalons pharmacist; Nolwenn Clec'h communication; Michel Coletti general practitioner; Thomas Declercq pharmacist; Nina Degrell pharmacist; Aurélie Delépine general practitioner; Claude Demange pharmacist; Jean Doubovetzky general practitioner; Houria Farhi general practitioner; Aldo Fari biologist; Nathalie François-Moliner paediatrician; Philippe Gabrié MD; Ghyslaine Galhaud-Costes pharmacist; Marie-France Gonzalez pharmacist; Jean-Pierre Gribaudeau medical law; Dörte Gunther geriatrician; Béatrice Guyard-Boileau gynaecologist-

**President:** Pierre Chirac pharmacist

## ASSOCIATION MIEUX PRESCRIRE

"To work, in all independence, in favour of quality healthcare, first and foremost in the interest of patients (...)." (Article 1 of the Association Mieux Prescrire bylaws).

Prescrire International is a monthly journal of selected texts translated from the French journal Prescrire.

Prescrire International is published 11 times a year by Association Mieux Prescrire, a non-profit continuing education organisation (N° 11 711 075) under the French law of 1901. Its board members are: Pierre Chirac (President); Séverine Carré-Pétraud (Vice President); Dörte Gunther (Treasurer); Antoine Grandvillumin (Deputy Treasurer); Bernard Topuz (General Secretary); Maryline Dufils-Gelgon (Deputy General Secretary).

**EDITORIAL STAFF** Members of the Prescrire Editorial Staff sign a yearly declaration of absence of conflicts of interest, in accordance with Prescrire's "Non merci..." Charter. Members are free from any interest contrary to Association Mieux Prescrire's objectives (the Charter and the Declaration are available online at english.prescrire.org).

Publishing reliable reviews that are easy to use and adapted to readers' needs depends upon complex editorial procedures, all initiated and overseen by the members of Prescrire's Editorial Staff. Members of the Editorial Staff define editorial goals. They oversee the literature search, the writing and rewriting of texts, and the review by a panel of outside experts (medical specialists, methodologists, representatives of Prescrire's subscriber base...). They organise internal and external quality control procedures, and edit the final copy. Every draft is submitted, before publication, to a large number of outside reviewers. Details on how Prescrire's content is produced are available online at the Prescrire in English website (english.prescrire.org): see About Prescrire and How we work.

obstetrician; Ayah Hakim pharmacist; Mélanie Hardy pharmacist; Ghislaine Henry general practitioner; Olivier Huyghe pharmacist; Aurélie Jamet pharmacist; Jérôme Jean nursing; Fabienne Jourdan emergency care; Jacques Juillard MD; Philippe Lecoq internal medicine; Laurence Le Quang Trieu pharmacist; Sophie Logerot pharmacist; Cécile Loubeyre-Unique pharmacist; Nadjat Loumi pharmacologist; Odile Martinet geriatrician; Marie-Anne Mengot journalist; Gilles Mignot pharmacologist; Denis Millies-Lacroix general practitioner; Laure Misrahi-Guillaume pharmacist; Agnès Monchovet-Godard general practitioner; Didier Morère pharmacist; Évelyne Mouret pharmacist; Clotaire Nanga pharmacist; Angelina Nguyen-Tramond general practitioner; Jean-Pierre Noiry general practitioner; Chantal Oliéric pharmacist; Ann Pariente MD; Eve Parry pharmacist; Sophie Pilon pharmacist; Sonia Prot-Labarthe pharmacist; Pauline Quillet pharmacy; Michaël Rochoy general practitioner; Jean-Yves Rolland dentist; Anne-Claire Rosati public health; Bernard Rueff MD; Étienne Schmitt pharmacist; Agnès Sommet pharmacologist; Christoph Steffen epidemiology; Bernard Topuz MD; Florence Vandeveldé pharmacist; Maryse Véron nurse; Cyril Vidal dentist; Caroline Vincent pharmacist

**Consulting Editors:** Philippe Adrien; Alain Burtcher; Mélanie Hardy; Natacha Marpillat; Annie Pécresse; Olivier Rozand

**Art and Photo Editor:** Olivier Huyghe

**Illustrations:** José David; Léa Lord; Alain Savino

**Indexing:** Mélanie Hardy, Hélène Merlin with Laurence Le Quang Trieu, Sandrine Parmentier

**Prescrire electronic media:** Hélène Merlin

**Policy advocacy:** Florence Vandeveldé with Teresa Alves, Pierre Chirac, Olivier Huyghe, Rita Kessler, Christophe Kopp

**Projects:** Catherine Alexandre; Karelle Le Gleut; Christine Piette; Didier Rod

**Reviewers' panels:** Laure Misrahi-Guillaume

**For Belgium and Switzerland:** Sophie Chalons with Marie-Louise Bouffloux, Dominique Leyh (Agence fédérale des médicaments et des produits de santé), and Catherine Delafontaine (pharmaSuisse)

**Translations "Assessment Elsewhere":** Marie-Andrée Bernard, Annick Pijnenburg, Karin Raton, Eva Stille

**Website:** Philippe Schilliger and Karen Albrecht

**Subscriber correspondence:** Anne Americh, Nolwenn Clec'h, Annie Pécresse, Jérôme Robert with Huynh Dieu Nguyen

### Continuing education programmes:

**Pedagogical adviser:** Philippe Schilliger • **Instructors:** Anne Aubert; Christian Bouret; Frédérique Digonnet; Maryse Véron • **Organisation:** Hélène Merlin • **Atelier Médicaments en Question:** Nadine Aidan • **Atelier Questions de Pratiques:** Éric Bel, Christine Guilbaud • **Evaluation:** Sandrine Parmentier • **Accreditation:** Ghyslaine Galhaud-Costes

**Preventing the Preventable Programme:** Marie-France Gonzalez and Étienne Schmitt with Éric Beaugendre, Éric Bel, Thomas Declercq, Éric Galam, Josette Vallée.

### Review Panel:

The following persons reviewed the articles, which were first published in Prescrire then translated for this issue of Prescrire International: Catherine Alamowitch (endocrinology); Jean-François Audouard (general practice); Haleh Bagheri (pharmacology); Marie-Odile Barrellon (geriatrics); Benoît Barthelme (general practice); Leonardo Basco (parasitology); Imene Beghriche (pharmacovigilance - Algeria); Delphine Bertram (clinical trial surveillance); Éric Bonnin (geriatrics); Henriette Bosvieux (pharmacy); Olivier Bouchaud (tropical medicine); Habib Boughazi (general practice - Algeria); Jean-Frédéric Bourva (pharmacy); Alain Brailion (public health); Jean-Didier Cavallo (infectiology); Philippe Chaplais (general practice); Pierre Chevalier (general practice - Belgium); Marcel Chiche (general practice); Marc Chobert (general practice); Sylvie Cognard (general practice); Valérie Colas (pharmacy and toxicology); Alexandra Daguet (pharmacy intern); Michel Damagnez (counselling pharmacist); Christine Damase-Michel (pharmacology); Martin Danis (parasitology); Philippe Deguier (oncology); François Delahaye (cardiology); Christophe Droin (general practice); Jean-Christophe Édé (general practice); Antoine Egu (geriatrics); Yohan El-Haik (pharmacovigilance); Jean-Luc Faillie (pharmacovigilance); Jean-François Faucher (internal medicine); Pierre Faure (hospital pharmacy); Daniel Floret (paediatric intensive care); Henri Fouques (gynaecology); Sophie Gautier (pharmacology); Guy Godin (cardiology); François Gueyffier (cardiology); Claude Hocke (gynaecology - obstetrics); Xavier Humbert (medical student); Alain Junod (physician - Switzerland); Pierre Kerbrat (oncology); Jean-Marie Kindermans (public health - Belgium); Talna Kortchinsky (anaesthesiology-intensive care); Pascal Lachaise (pharmacy); Martine Lalande (general practice); Mathieu Laramas (oncology); Robert Laurent (general practice); Jacques Le Bras (malaria); Dominique Le Houezec (paediatrics); Dominique Leveque (hospital pharmacy); Michel Lièvre (pharmacology); Florent Macé (pharmacy); Anne Maheut-Bosser (geriatrics); Hervé Maisonneuve (physician); Christian Merlin (pharmacy); Alexandre Merlo (general practice); Jean-Louis Montastruc (pharmacology); Marion Montastruc (haematology - oncology); Sophie Moreau-Crépeaux (public health); Henri Partouche (general practice); François Pesty (pharmacy); Patrice Pezet (cardiology); François Pillon (physician and pharmacist); Jean Poirriez (medical biology); Robert Pujol (pharmacy); Bruno Revol (hospital pharmacy); Frédéric Romieu (general practice); Dominique Somme (geriatrics); Emmanuel Sonnet (diabetology); Philippe Tellier (cardiology); Jean Van Elslande (general practice); Catherine Van Surell - Seyler (public health); Frederick Varrichio (FDA - USA); Anouk Waeytens (oncology - Belgium); Raphaël Wielgo (hospital pharmacy); Nassima Yahiaoui (pharmacovigilance)

### Copyright Prescrire

www.prescrire.org

**Registered address:** 83, bd Voltaire 75011 Paris France  
Tel.: (33)(0)1 49 23 72 80 - Fax : (33)(0)1 48 07 87 32

**E-mail:** contact@prescrire.org

**Postal address:** Prescrire - 83, bd Voltaire  
75558 Paris Cedex 11 - France

All rights reserved. Contents may not be reproduced, except by individual subscribers for limited distribution, in small quantities, for solely non-commercial purposes.

All other uses: permission must be obtained in writing from the publisher.

Printing: Imprimerie BMG - France



Prescrire is a founder and member of ISDB, a network of drug bulletins that are independent of drug companies, which aims to promote international exchange of quality information on drugs and therapeutics.  
Website: www.isdbweb.org