



english.prescrire.org

## 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 Bellerocche, Jacques Juillard, Hélène Merlin, Jérôme Robert, Philippe Schilliger, Jérôme Sclafér

**Executive Secretary:** Martine Divet

**Development:** Shirley Decupère with Lucie Alexandre, Véronique Beauzel, Ethel David, Elise Dezothéz, Bernardin Dilou, Sarah Hembert and Vanessa Sumyuen; Houria Farhi (Algeria)

**Human Resources:** Valentine de Bellerocche with Laetitia Luyeye Kiniok and Huynh Dieu Nguyen

**Accounts:** Tanguy Goblet with Martine Kowanski

**Administration, Reception, Mail Room:** Astou Badji, Séverine Bégnés, Ibrahima Daffé and Gérard Pierre

**Circulation and Subscription department:** Christine Barraud with Aleksandra Debon, Cécile Gai, Corinne Kramer, Patricia Médioni, Cécile Monteil and Stéphanie Traca

**Information Technology:** Xavier Martin-Legeay, with Damien Donnet, AL consulting, DevPartner, Dokoés, Les Artisans numériques, Octelio, PFL consulting, Samu-Informatique, Ze Team

### Design:

**Art Director:** Martine Talent

**Layout:** Nathalie Cappelletti assisted by Sandrine Guillaume, Geneviève Lamagdelaine, Catherine Marriette, Sandrine Praud, Jennifer Ribeiro-Marta

**Multimedia layout:** Catherine Marriette, Sandrine Praud

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

**Editorial Committee:** José Aguilar, Marie Babin, Pierre Chirac, Gilles Mignot

### Section Editors:

• **Editorial:** Jacques Juillard MD • **Brain-teaser:** José Aguilar MD • **New products:** Florence Chapelle *pharmacist*; Antoine Grandvullemin *pharmacist*; Sébastien Hardy *pharmacist*; Jean-Yves Rolland *dentist*

• **Adverse effects:** Elisabeth Veyriac *pharmacologist* with Céline Roussel *pharmacist* • **Reviews:** José Aguilar MD; Marie Babin *biologist*; Juliette Barthe *general practitioner*; Marc Legrelle *diabetes specialist*; Philippe Mura *general practitioner*; 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:** Jean-Pierre Noiry *general practitioner* with 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 and Fabrice Mailly

**Information search:**

• **Companies and agencies:** Olivier Huyghe with Karine Bégnaud, Nathalie Deleau, Sophie Ginolhac, Ayah Hakim, Cécile Loubeyre-Unique, Samia Nabi, Jean-Yves Rolland • **Packaging working group:** Olivier Huyghe and Samia Nabi • **Literature search:** Marine Barillot, Cécile Loubeyre-Unique, Minata Traoré with Astou Badji, Nathalie Hayes and Hortense Sanon

**Editorial Office:** Christelle Sissokho with Hélène Declerck and Huynh Dieu Nguyen

**Editors:** Nadine Aidan *dentist*; Laurence Aimard *civil engineer*; Catherine Alexandre MD; Anne Americh *pharmacist*; Anne Aubert *pharmacist*; Éric Bel *pharmacist*; Delphine Bourneau-Martin *pharmacist*; Isabelle Breton MD; Éric Cerqueira *pharmacist*; Sophie Chalons *pharmacist*; Nolwenn Clec'h *communication*; Michel Coletti *general practitioner*; Nina Degrell *pharmacist*; Nathalie Deleau *pharmacist*; Aurélie Delépine *general practitioner*; Claude Demange *pharmacist*; Magali Dodeman *nurse*; Jean

**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* 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); Antoine Grandvullemin (Treasurer); Jean-Marc Mollard (Deputy Treasurer); Bernard Topuz (General Secretary); Dörte Gunther (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](http://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](http://english.prescrire.org)); see the "About *Prescrire*" section, "How we work".

Dobovetzky *general practitioner*; Houria Farhi *general practitioner*; Aldo Fari *biologist*; Nathalie François-Moliner *paediatrician*; Philippe Gabrié MD; Ghyslaine Galhaud-Costes *pharmacist*; Sophie Ginolhac *pharmacist*; Marie-France Gonzalez *pharmacist*; Jean-Pierre Gribéauval (*medical law*); Dörte Gunther *geriatrician*; Béatrice Guyard-Boileau *gynaecologist-obstetrician*; Ayah Hakim *pharmacist*; Ghislaine Henry *general practitioner*; Olivier Huyghe *pharmacist*; Aurélie Jamet *pharmacist*; Fabienne Jourdan *emergency care*; Laurence Le Quang Trieu *pharmacist*; Sophie Logerot *pharmacist*; Cécile Loubeyre-Unique *pharmacist*; Nadjat Loumi *pharmacologist*; Odile Martinet *geriatrician*; Marie-Anne Menegeot *journalist*; Gilles Mignot *pharmacologist*; Denis Millières-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*; Chantal Oliéric *pharmacist*; Ann Pariente MD; François Pillon *pharmacist*; Sophie Pilon *pharmacist*; Sonia Prot-Labarte *pharmacist*; Bernard Rueff MD; Étienne Schmitt *pharmacist*; Agnès Sommet *pharmacologist*; Christoph Steffen *epidemiology*; Nhât Thao Tran Thanh *general practitioner*; Bernard Topuz MD; Florence Vandeveldé *pharmacist*; Maryse Véron *nurse*; Cyril Vidal *dentist*; Caroline Vincent *pharmacist*

**Consulting Editors:** Philippe Adrien; Youna Audouard-Marzin; Karine Bégnaud; Angèle Bouquet; Alain Burtscher; Ouardia Hadjour; Mélanie Hardy; Jeanne Maritoux; Pauline Quillet; Eve Parry; Annie Pecresse; 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, Annie Mura (illustrations)

**Prescrire electronic media:** Hélène Merlin

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

**Projects:** Mireille Didier; Karelle Le Glout; 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, Jacques Juillard, Annie Péresse

**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:** Michel Coletti; Sandrine Parmentier • **Accreditation:** Ghyslaine Galhaud-Costes

**REVIEW PANEL:** The following persons reviewed the articles, which were first published in *Prescrire* then translated for this issue of *Prescrire International*:

Valérie Amirat-Combralier (hospital pharmacy); Michel Andrejak (pharmacology); Philippe Autier (epidemiology); Françoise Bacle (general practice); Haleh Bagheri (pharmacology); Francis Blanc (general practice); Mehine Blouri (gynaecology - obstetrics); Emmanuelle Bondon-Guitton (pharmacovigilance); Jean-Marie Bouchet (radiology); Michel Burellier (general practice); Marie Carpentier (pharmacy); Denis Chaleil (hospital pharmacy); Christel Chalmendrier (hospital pharmacy); Emile Chenot (hospital pharmacy); Pierre Chevalier (general practice - Belgium); Marcel Chiche (general practice); Philippe Convers (neurology); Christine Damase-Michel (pharmacology); Monique Daniere (general practice); Christophe Debeugny (public health); Philippe Deguiral (oncology); Nicole Delépine (oncology); Erwann Du Rouchet (gynaecology - obstetrics); Maryline Dufils (general practice); Pascale Dugast (hospital pharmacy); Bernard Duperray (radiology); Gérard Durand (public health); Yohan El-Haik (pharmacovigilance); Laurence Fossat (hospital pharmacy); Henri Foulques (gynaecology); Maud Gelly (family planning); Aurélie Grandvullemin (pharmacovigilance); Françoise Haramburu (pharmacology); Olivier Heinzlef (neurology); Dominique Hillaire-Buys (pharmacology); Christian Jamin (gynaecology - obstetrics); Bernard Junod (public health); Jean-Claude Kuhn (general practice); Martine Lalande (gynaecology); Philippe Lerat (general practice); Nadia Letailleur (pharmacy); Dominique Leveque (hospital pharmacy); Amélie Liou (hospital pharmacy); Julien Mahé (pharmacovigilance); Eric Marchesseau (general practice); Christian Merlin (pharmacy); François Meuret (general practice); Véronique Midy (medical student); Jean-Louis Montastruc (pharmacology); Christine Noiry-Vacle (general practice); Pascale Olivier-Abbal (pharmacovigilance); Jean-Christophe Ouallet (neurology); Elisabeth Paganelli (gynaecology); François-Marie Paillet (hospital pharmacy); Robert Pujol (pharmacy); Patrick Rambourg (hospital pharmacy); Catherine Remblier (hospital pharmacy); Éric Renaudineau (pharmacology); Bruno Revol (hospital pharmacy); Françoise Rivals-Jonquet (general practice); Fanny Rocher (pharmacovigilance); Michaël Rochoy (general practice); Pascale Romestaing (oncology); Jérôme Roth (general practice); Lucien Roulet (hospital pharmacy - Switzerland); Philippe Roux (general practice); Christian Roy (pharmacy); Issam Salouage (pharmacovigilance - Tunisia); Hélène Sancho-Garnier (public health); Remy Senand (general practice); Catherine Soulat (gynaecology); Stéphane Tellez (pharmacy); Patrick Toubiana (radiology); Françoise Tourmen (physician); Raphaël Urréa (general practice); Laurent Vercueil (neurology); Gwenaëlle Veyrac (pharmacovigilance); Philippe Vignal (gynaecology); Stéphane Vignes (internal medicine); Raphaël Wielgo (hospital pharmacy); Daniel Wirthner (gynaecology - obstetrics - Switzerland); Marc Zaffran (general practice - Canada); Isabelle Zion (pharmacy - Belgium);

Christine Barraud (general practice); Jean-Marc Mollard (deputy treasurer); Bernard Topuz (general secretary); Dörte Gunther (deputy general secretary).



*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](http://www.isdbweb.org)

### Copyright Prescrire

[www.prescrire.org](http://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](mailto: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 Mouquet - France