



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 Belleroche, Jacques Juillard, Hélène Merlin, Jérôme Robert, Philippe Schilliger, Jérôme Sclafer

**Executive Secretary:** Martine Divet

**Development:** Shirley Decupère with Véronique Beauzel, Bernardin Dilou, Fabrice Mailly, Mélody Royère 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:** Jean-Pierre Bargin with Séverine Bégnès, Astou Badji, 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 Bilog, Damien Donnet, Dokoos, Les Artisans numériques, SamuInformatique, OpenBridge, Pierre-François Laporte

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

## Design:

**Art Director:** Martine Talent

**Layout:** Nathalie Froment assisted by Sandrine Guillaume, Geneviève Lamagdelaine, Catherine Marriette, Sandrine Praud, Jennifer Ribeiro-Marta and Trias Consulting

**Multimedia layout:** Catherine Marriette

**Editor:** Jérôme Sclafer *general practitioner*

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

## Section Editors:

• **Editorial:** Jacques Juillard MD • **Brain-teaser:** José Aguilar MD • **New products:** Séverine Carré-Pétraud *pharmacist*; Sébastien Hardy *pharmacist*; Gilles Mignot *pharmacologist* • **Adverse effects:** Élisabeth Veyriac *pharmacologist* • **Reviews:** Marie Babin *biologist*; Juliette Barthe *general practitioner*; Marc Legrelle *diabetes specialist*

• **Key messages:** Philippe Mura *general practitioner* and Céline Martin *pharmacist* • **Information to patients:** Christine Guilbaud *pharmacist* • **Health and society:** 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*

## Information search:

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

**Production Editor:** Christine Badiane with Sophie Bel **Editors:** Nadine Aidan *dentist*; Laurence Aimard *civil engineer*; Catherine Alexandre MD; Anne Americh *pharmacist*; Anne Aubert *pharmacist*; Stéphane Bérout *general practitioner*; Angèle Bouquet *pharmacist*; Delphine Bourneau-Martin *pharmacist*; Isabelle Breton MD; Jean Bruneton *pharmacognosy specialist*; Alain Burtscher *paediatrician*; Éric Cerqueira *pharmacist*; Sophie Chalons *pharmacist*; Florence Chapelle *pharmacist*; Michel Coletti *general practitioner*; Nina Degrell *pharmacist*; Nathalie Deleau *pharmacist*; Aurélie Delépine *general practitioner*; Claude Demange *pharmacist*; Jean Doubovetzky *general practitioner*; Emmanuelle Espieussat *pharmacist*; Houria Farhi *general practitioner*; Aldo Fari *biologist*; Nathalie François-Moliner *paediatrician*; Hélène Frouard *social his-*

**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).

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 the "About Prescrire" section, "How we work".

tory; Philippe Gabriél MD; Ghyslaine Galhaud-Costes *pharmacist*; Sophie Ginolhac *pharmacist*; Marie-France Gonzalvez *pharmacist*; Antoine Grandvullemin *pharmacist*; Dörte Gunther *geriatrician*; Béatrice Guyard-Boileau *gynaecologist-obstetrician*; Ayah Hakim *pharmacist*; Ghislaine Henry *general practitioner*; Olivier Huyghe *pharmacist*; Fabienne Jourdan *emergency care*; Laurence Le Quang Trieu *pharmacist*; Sophie Logerot *pharmacist*; Cécile Loubeyre-Unique *pharmacist*; Nadjat Loumi *pharmacologist*; Jeanne Maritoux *pharmacist*; Odile Martinet *geriatrician*; Marie-Anne Mengeot *journalist*; Denis Millès-Lacroix *general practitioner*; Laure Misrahi *pharmacist*; Agnès Monchovet-Godard (MD); 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*; Didier Rod MD; Jean-Yves Rolland *dentist*; Céline Roussel *pharmacist*; Bernard Rueff MD; Étienne Schmitt *pharmacist*; Nhât Thao Tran Thanh *general practitioner*; Bernard Topuz MD; Florence Vandeveld *pharmacist*; Maryse Véron *nurse*; Cyril Vidal *dentist*

**Art and Photo Editor:** Olivier Huyghe

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

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

**Indexing:** Marie Babin, Mélanie Hardy, Hélène Merlin with Sandrine Parmentier, Annie Mura (illustrations)

**Projects:** Mireille Didier; Didier Rod

**Consulting Editors:** Philippe Adrien; Karine Bégnaud; Mélanie Hardy; Aurélie Jamet; Eve Parry; Annie Péresse; François Pillon

**Reviewers' panels:** Laure Misrahi

**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, Société suisse des pharmaciens)

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

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

**Prescrire electronic media:** Hélène Merlin with Sandrine Parmentier

**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:** Christian Bouret; Frédérique Digonnet; Marie-France Gonzalvez; Jacques Juillard; Odile Martinet; Hélène Merlin; Étienne Schmitt; Maryse Véron • **Organisation:** Hélène Merlin • **Atelier Questions de Pratiques:** Éric Bel, Christine Guilbaud • **Evaluation:** Michel Coletti; Sandrine Parmentier • **Accreditation:** Ghyslaine Galhaud-Costes



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

**REVIEW PANEL:** The following persons reviewed the articles, which were first published in *Prescrire International*: Serge Alfandari (infectiology); Pierre Aubert (general practice); Marie-Josée Augé-Caumon (pharmacy); Haleh Bagheri (pharmacology); Françoise Ballereau (hospital pharmacy); Gérard Bapt (health mission/french national assembly); Sophie Barbou Des Courières (hospital pharmacy); Marc Bardou (gastroenteropathology); Laurence Baumann-Coblentz (general practice); Laurent Beaugerie (gastroenteropathology); François Begom (general practice); Philippe Bothorel (pharmacy student); François Bricaire (infectiology); Hervé Buisson (dermatology); Marie Carpentier (pharmacy); Éric Caumes (infectiology); Richard Causse (hospital pharmacy); Jean-Didier Cavallo (infectiology); Philippe Chaplais (general practice); Daniel Chervonaz (rheumatology); Pierre Chevalier (general practice - Belgique); Valérie Colas (pharmacy); Pierrick Cressard (ethics committee); Joël Daems (general practice - Belgique); Patrice Darrouzes (pharmacy); Bertrand Dautzenberg (pneumology); Éric De Beaurepaire (pharmacy); Henriette De Valk (epidemiology); Jean-Marie Decazes (infectiology); Thomas Declerck (pharmacy); Philippe Deguiral (oncology); Béatrice Delpech (rheumatology); Jean-Philippe Delsart (pharmacy); Nicolas Demazeau (general practice); Mady Denantes (general practice); Catherine Dumont (paediatrics); Dominique Dupagne (general practice); Gérard Durand (public health); Pierre Faure (hospital pharmacy); Christian Florent (gastroenteropathology); Daniel Floret (paediatric intensive care); Philippe Foucras (general practice); Henri Foulques (gynaecology); Irène Frachon (pneumology); Pierre Gargadennec (sports medicine); Jean-Louis Goriaux (general practice); André Gorins (senology); Aurélie Grandvullemin (pharmacovigilance); Jean-Pierre Gribeauval (medical law); Thierry Henon (hospital pharmacy); Tanja Holager (pharmacy - Norway); François Jacquier (general practice); Pierre Jarry (paediatrics); Robert-Vincent Joule (social psychology); Dominique Larrey (hepatology); Stéphane Le Gratiet (pharmacy); Dominique Le Houzec (paediatrics); Marc Le Quang Trieu (hospital pharmacy); Michel Leboeuf (pharmacognosy); Jean-Pierre Lellouche (paediatrics); Hervé Maisonneuve (physician); Henri-Romain Malaterre (cardiology); Laurent Mandelbrot (gynaecology - obstetrics); Éric Marchesseau (general practice); Christian Merlin (pharmacy); Jean Montane (pneumology); Jean-Louis Moutastruc (pharmacology); Michel Paris (pharmacy); Patrick Petitpretz (pneumology); Alain Pinzani (cardiology); François Pouliquen (general practice); Robert Pujol (pharmacy); Jean-Max Ramette (general practice); Pascale Rostaing (oncology); Jérôme Roth (general practice); Élisabeth Russ (anatomo-cytopathology); Catherine Sokolsky (journalism); Roger Stijns (general practice); Laurent Thiriet (hospital pharmacy); Marie-Madeleine Trassart (general practice); Frederick Varrichio (Fda - Usa); Cyrille Vartanian (general practice); Vivien Veyrat (pharmacy); Anouk Waeytens (oncology - Belgique)

## 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 Mouquet - France