



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, Bernard 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, Dokeos, 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* and Philippe Schilliger MD • **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, Coralie Quéau 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 Burtcher *paediatrician*; Éric Cerqueira *pharmacist*; Sophie Chalons *pharmacist*; Florence Chapelle *pharmacist*; Michel Coletti *general practitioner*; Nina Degrell *pharmacist*; Nathalie Deleau *pharmacist*; Aurélie Délepine *general practitioner*; Claude Demange *pharmacist*; Jean Doubovetzky *general practitioner*; Emmanuelle Espieussat *pharmacist*; Houria Farhi *general practitioner*; Aldo Fari *biologist*; Nathalie

**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 monthly 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 Grandvillemin (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".

François-Moliner *paediatrician*; Hélène Frouard *social history*; Philippe Gabrié MD; Ghyslaine Galhaud-Costes *pharmacist*; Hubert Ghestem *pharmacist*; Sophie Ginolhac *pharmacist*; Marie-France Gonzalez *pharmacist*; Antoine Grandvillemin *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 Millières-Lacroix *general practitioner*; Laure Misrahi *pharmacist*; Agnès Monchovet-Godard (MD); Didier Morère *pharmacist*; Évelyne Mouret *pharmacist*; Annie Mura *primary school teacher*; Clotaire Nanga *pharmacist*; Angelina Nguyen-Tramond *general practitioner*; Chantal Oliéric *pharmacist*; Ann Pariente MD; 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

**Projects:** Mireille Didier; Didier Rod; Marianne Samuelson

**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 Chantal Lattmann (pharmaSuisse, Société suisse des pharmaciens)

**Translations "Assessment Elsewhere":** Marie-Andrée Bernard, Pierre Klotz, Karin Raton, Eva Stille

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

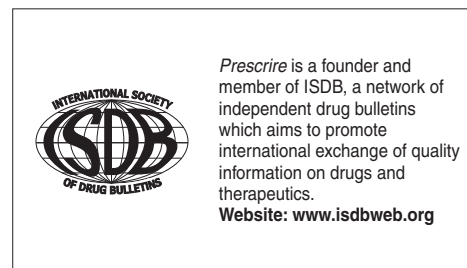
**Prescrire electronic media:** Hélène Merlin with Sandrine Parmentier

**Website:** Philippe Schilliger with Karen Albrecht

**Subscriber correspondence:** Anne Americh, Nolwenn Clec'h, Jacques Juillard, Annie Péresse

### Continuing education programmes:

**Pedagogical adviser:** Philippe Schilliger • **Instructors:** Christian Bouret; Frédéric Digonnet; Marie-France Gonzalez; 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 • **Promotion:** Pierre Atlan



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

**REVIEW PANEL:** The following persons reviewed the articles, which were first published in *Prescrire International*: Paul Arcizet (gynaecology); Serge Armengaud (general practice); Marie-Josée Augé-Caumont (pharmacy); Françoise Augry (hospital pharmacy); Guillaume Babin (medical student); Françoise Bacle (general practice); Philippe Biedermann (general practice); Olivier Bismuth (general practice); Laurence Boutal-Rouaux (midwifery); Élisabeth Bouvet (infectiology); Béatrice Brembilla-Perrot (cardiology); Catherine Buffet (hepatology); Jacques Caron (pharmacology); Marie Carpentier (pharmacy); Alfonso Carvajal (pharmacology - Spain); Jean-Pierre Cazenave (haematology); Christel Chalmendrier (hospital pharmacy); Alain Chansou (emergency care); Pierre Chevalier (general practice - Belgium); Francis Chomienne (paediatrics); Valérie Colas (pharmacy); Philippe Convers (neurology); Dominique Costagliola (epidemiology); Marie Courdent (infant care); Bernard Crespy (surgery); Roland Dardennes (psychiatry); Thomas Declerck (pharmacy); Denis Del Nista (emergency care); Jean-Louis Devoize (neurology); Hervé Douine (general practice); Jean-Louis Ducassé (emergency care); Dominique Dupagne (general practice); Emmanuelle Espieussat (pharmacy); Nadia Faradji (midwife); Robert Fauche (general practice); Catherine Foulhy (midwife); Marc Freysz (emergency care); Sylvie-Georgina Gatt (pharmacy); Jean-Marc Geniole (general practice); Laurence Gerard (infectiology); Christine Gintz (psychiatry); Bénédicte Gosselin (hospital pharmacy); Julien-Daniel Guelfi (psychiatry); Bernard Guerin Du Masgenêt (gynaecology); Ouardia Hadjour (pharmacy); Tanja Holager (pharmacy - Norway); Constant Houssou (psychiatry); Christian Jamin (gynaecology - obstetrics); Frédéric Lapostolle (emergency care); Philippe Latreyte (general practice); Robert Laurent (general practice); Titia Lebon-Brouillet (general practice); Bénédicte Lewden-Bernadac (pharmacy); Henri-Romain Malaterre (cardiology); Raphaël Maville (general practice); Daniel Mayer (gynaecology - obstetrics); Jean-Christophe Mercier (intensive care); Christian Merlin (pharmacy); Bernard Mesle (general practice); Christophe Michon (internal medicine); Agnès Monchovet-Godard (general practice); Jean-Louis Montastruc (pharmacology); Camille Mura (midwifery); Jean-Baptiste Nousbaum (hepatology); Georges Offenstadt (intensive care); Stéphanie Orsucci (midwifery - Switzerland); Hervé Outin (intensive care); Frédéric Pasquier (hospital pharmacy); Jean-Luc Patureau (general practice); Eric Peyron (psychiatry); Alain Pinzani (cardiology); Marie-Hélène Portal (general practice); Robert Pujol (pharmacy); Philippe Regard (general practice); Françoise Rivals-Jonquet (general practice); Olivier Rogeaux (infectiology); Nadine Rosencher (anaesthesiology-intensive care); Marc Samama (anaesthesiology-intensive care); Catherine Soulat (gynaecology); Corinne Taéron (Arcat sida); Stéphane Tellez (pharmacy); Marie-Madeleine Trassart (general practice); Emmanuel Trénoud (Aides); Thierry Trenque (pharmacology); Laurent Vercueil (neurology); Isabelle Vincent (hospital pharmacy)

### 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