

## 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 Lucie Alexandre, Véronique Beauzel, Ethel David, Élise Dezothé, Bernardin Dilou, Sarah Hembert, Mélody Royère and Vanessa Sumyoun; Houria Farhi (Algeria)

**Human Resources:** Valentine de Belleroche with Laetitia Luyey 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, Dokoos, Les Artisans numériques, Samu-Informatique, PFL consulting, 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

**Editor:** Jérôme Sclafer *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:** Sébastien Hardy *pharmacist*; Gilles Mignot *pharmacologist*; Jean-Yves Rolland *dentist* • **Adverse effects:** Élisabeth Veyric *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 Boret *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*; Florence Chapelle *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 Doubovetzky *general practitioner*; Emmanuelle Espieussat *pharmacist*; Houria

**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".

Farhi *general practitioner*; Aldo Fari *biologist*; Nathalie François-Moliner *paediatrician*; Philippe Gabrié *MD*; Ghyslaine Galhaud-Costes *pharmacist*; Sophie Ginolhac *pharmacist*; Marie-France Gonzalez *pharmacist*; Antoine Grandvullemin *pharmacist*; Jean-Pierre Gribeauval (*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 Mengent *journalist*; 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-Labarthe *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 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, 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 Gleut; Christine Piette; Didier Rod

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

**For Belgium and Switzerland:** Sophie Chalons with Marie-Louise Bouffiu, 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 Pécresse

**Continuing education programmes:**

**Pedagogical adviser:** Philippe Schilliger • **Instructors:** Anne Aubert; Christian Boret; Frédérique Digonnet; Marie-France Gonzalez; Jacques Juillard; Odile Martinet; Hélène Merlin; Étienne Schmitt; 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*:

Serge Alfandari (infectiology); Serge Armengaud (general practice); Pierre Atlan (general practice); Jean-François Audouard (general practice); Marie-Françoise Avril (dermatology); Françoise Bacle (general practice); Isabelle Barges (pharmacy); François Begom (general practice); Jean-Pierre Bertinchant (cardiology); Gilles Bertschy (psychiatry); Alain Brailon (public health); Catherine Buffet (hepatology); Marie Carpentier (pharmacy); Delphine Carré-Gislard (dermatology); Alfonso Carvajal (pharmacology - Spain); Jean-Pierre Cesarini (dermatology); Christel Chalmendrier (hospital pharmacy); Philippe Chaplais (general practice); Natacha Chaumard-Billotey (hospital pharmacy); Christophe Chiny (general practice); Marc Chobert (general practice); Lionel Chouteau (general practice); Pierre Clautre (pharmacy); Valérie Colas (pharmacy and toxicology); Sélim Corm (haematology); Michel Damagnez (counselling pharmacist); Christine Damase-Michel (pharmacology); Philippe Deguiral (oncology); François Delahaye (cardiology); Nicolas Demazeau (general practice); Olivier Dereure (dermatology); Pierre Desvaux (general practice); Gérard Durand (public health); Pierre Faure (hospital pharmacy); Jean-Yves Feberey (psychiatry); Michel Galinier (cardiology); François Garnier (teaching GP); Christine Gintz (psychiatry); Guy Godin (cardiology); Jean-Michel Halna (dermatology); Emmanuel Herlem (pharmacovigilance); Dominique Hillaire-Buys (pharmacology); Hélène Jantzen (pharmacovigilance); Diane Kleinerms (general practice - Belgium); Jean-Philippe Lacour (dermatology); Isabelle Lacroix (pharmacovigilance); Dominique Larrey (hepatology); Michel Le Duff (hospital pharmacy); Amélie Liou (hospital pharmacy); Florent Mace (pharmacy); Éric Marchesseau (general practice); Serge Marquet (general practice); Jacques Medioni (oncology); Didier Mennecier (gastroenteropathology); Christian Merlin (pharmacy); Florence Metz (pharmacy); Maily Michot-Casbas (physician); Catherine Montagnier-Pétrissans (hospital pharmacy); Jean-Louis Montastruc (pharmacology); Marion Montastruc (haematology - oncology); Guillaume Moulis (pharmacovigilance); Nathalie Mugnier (hospital pharmacy); Élisabeth Nicand (virology); Frédéric Pasquier (hospital pharmacy); Frédéric Peyrade (oncology); Marie-Hélène Portal (general practice); Robert Pujol (pharmacy); Philippe Regard (general practice); Catherine Remblier (hospital pharmacy); Hervé Renault (general practice); Bruno Revol (hospital pharmacy); Élisabeth Rivollier (general practice); Hugo Robays (hospital pharmacy - Belgium); François-Xavier Rose (hospital pharmacy); Jérôme Roth (general practice); Pierre Saussey (general practice); Guy Savy (general practice); Jean-Marc Schiano De Colella (general practice); Pascale Simon (gynaecology - obstetrics); Pierre Simonet (pharmacy student); Pierre Tattevin (semiology); Laurent Thiriet (hospital pharmacy); Dominique Tingaud (pharmacy); Christian Trépo (hepatology); Christophe Trivalle (geriatrics); Raphaël Urréa (general practice); Vivien Veyrat (pharmacy); Raphaël Wielgo (hospital pharmacy); Jean-Pierre Zarski (hepatology)

### 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



*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)