



ecopa 2011 Report
Presented by Guillermo Repetto
President of REMA

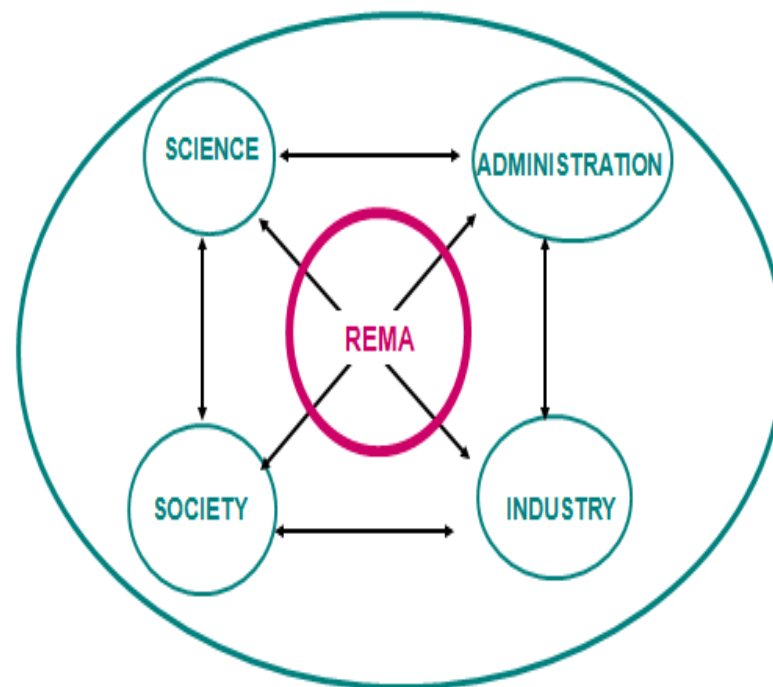
Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation

1. Dissemination
2. Promotion
3. Training
4. Cooperation with authorities
5. Validation
6. R + D + i



Red Española de Métodos Alternativos a la Experimentación Animal



Meeting of Spanish Groups Interested in Alternative Methods
Honors Presidency of HM the Queen of Spain

October 21, 1997



Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation

STRUCTURE AND FUNCTIONING

Registered as an independent non profit Association under Spanish regulation

(Reg. number: 169901-Seccion1) 1999

(VAT number: NIF G83486175)

Registered people:

148 persons (No fee paying)

Web page and registration database

All activities managed by a very active Board of 10 members

Funds and administration

No funds for REMA as an entity

Some funds received for activities

No administrative staff

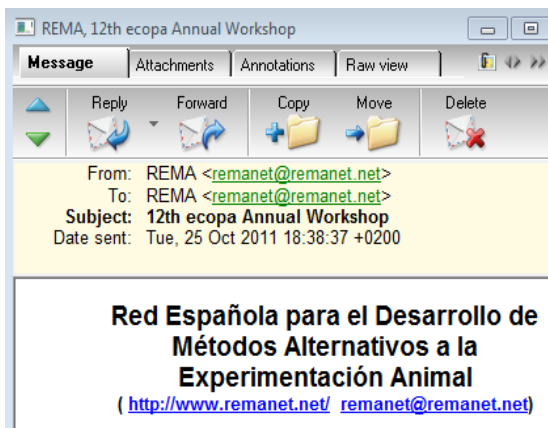
10 años



1999-2009

Red Española de Métodos Alternativos a la Experimentación Animal

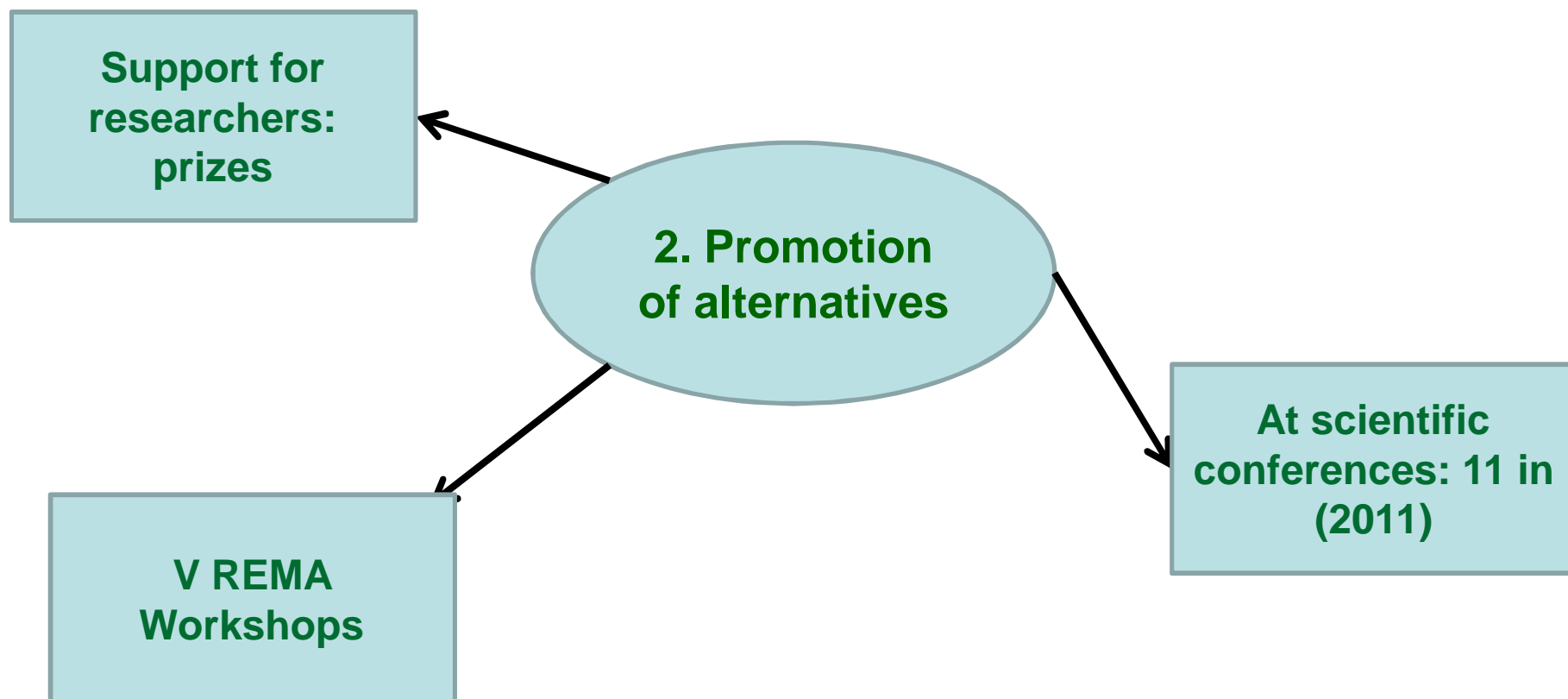
The Spanish Network for Alternative Methods to Animal Experimentation





Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation



“Los métodos alternativos a la experimentación animal ante las nuevas normativas internacionales”

X Aniversario de la Red Española para el Desarrollo de Métodos Alternativos a la Experimentación Animal

(IV Jornada de REMA)

Bajo la

Presidencia de Honor de Su Majestad la Reina

Martes, 1 de diciembre de 2009





V REMA Workshop.

In Vivo models and alternatives in biomedical research. Perspectives on the new European legal framework.

University of Navarra, Pamplona, 5-4-2011

- Genetics and the design of experiments
- Validation and acceptance of alternatives
- The Zebra fish as alternative
- Barrier systems
- Controlled release of cytostatics
- Treatment of Acute Lymphoblastic Leukemia

**Michael Festing
Guillermo Repetto
Carles Callol. Biobide
Maya Vilà. Leitat.
M^a Jesús Garrido
Xabi Agirre. CIMA**



The "LRI –Long Range Research Initiative" a technical and financial instrument of CEFIC for the toxicological R&D in Spain

Opening: Dr. Eduardo de la Peña de Torres

Honorary President of the Spanish Toxicology Association / CCMA, CSIC – Superior Council of Scientific Research

Long Range Research Initiative – Mission, Strategic Themes and Areas and Programme

2009-2010: Prof. Bruno Hubesch.

Cefic LRI Programme Manager

Q&A

Chemical Risk Smart Assessment: Prof. Dr. Guillermo Repetto.

National Institute of Toxicology and Forensic Science / University Pablo de Olavide, Seville

New computational models for toxicological risk prediction: Prof. Dr. Ferran Sanz

Director, Research Programme on Biomedical Informatics (GRIB) / IMIM - Parc de Salut Mar / DCEXS - University Pompeu Fabra

Hematotoxicity Assessment: GM-CFU test: Dr. Beatriz Albella .

CIEMAT- Center for Energy, Environmental and Technological Research

Non invasive imaging technics for animal testing: Prof. Dr. Miguel Ángel Morcillo.

CIEMAT- Center for Energy, Environmental and Technological Research

New applications of nomic profiles for risk assessment: Dr. Joan Albert Vericat.

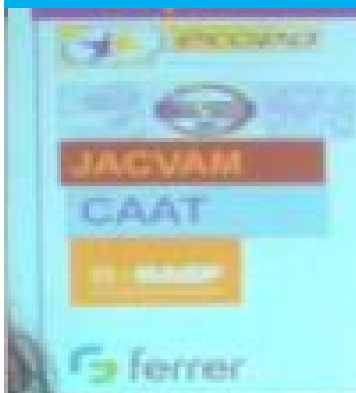
IVTIP- In Vitro Testing Industrial Platform / Director, Preclinical Development, Noscira SA

Q&A

Conclusions: M^a Eugenia Anta

Product Stewardship and Innovation Director, FEIQUE

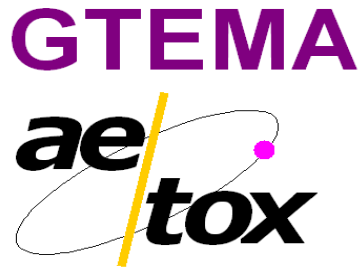
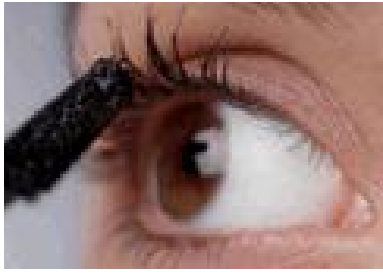
Global impact of 3Rs on regulatory processes: sharing experiences and future trends.



Thomas Hartung (CAAT)
Adela Lopez de Cerain (ecopa)
Argelia Castaño. (REMA).
Robert Landsiedel. BASF
Pilar Prieto (ECVAM)
Hajime Kojima (JaCVAM)
Joan A Vericat (Noscira)



+ precongress course % Evaluation of
drugs without animals+ Domingo
Gargallo (Ferrer), Joan A Vericat
(Noscira)



Red Española para el Desarrollo
de Métodos Alternativos
a la Experimentación Animal

The evaluation of cosmetic ingredients without animals

**XIX Spanish Congress of Toxicology, Vigo,
27.07.2011**

**Carmen Esteban, STANPA.
Legislation**

**Consuelo del Cañizo, Safety
evaluation**

**Eugenio Vilanova, UMH and RAC-
ECHA. REACH and cosmetics**

**Guillermo Repetto, UPO,
GTEMA/AETOX, REMA.
Available alternatives**





PROMOTION ACTIVITIES, At scientific conferences

Red Española de Métodos Alternativos a la Experimentación Animal

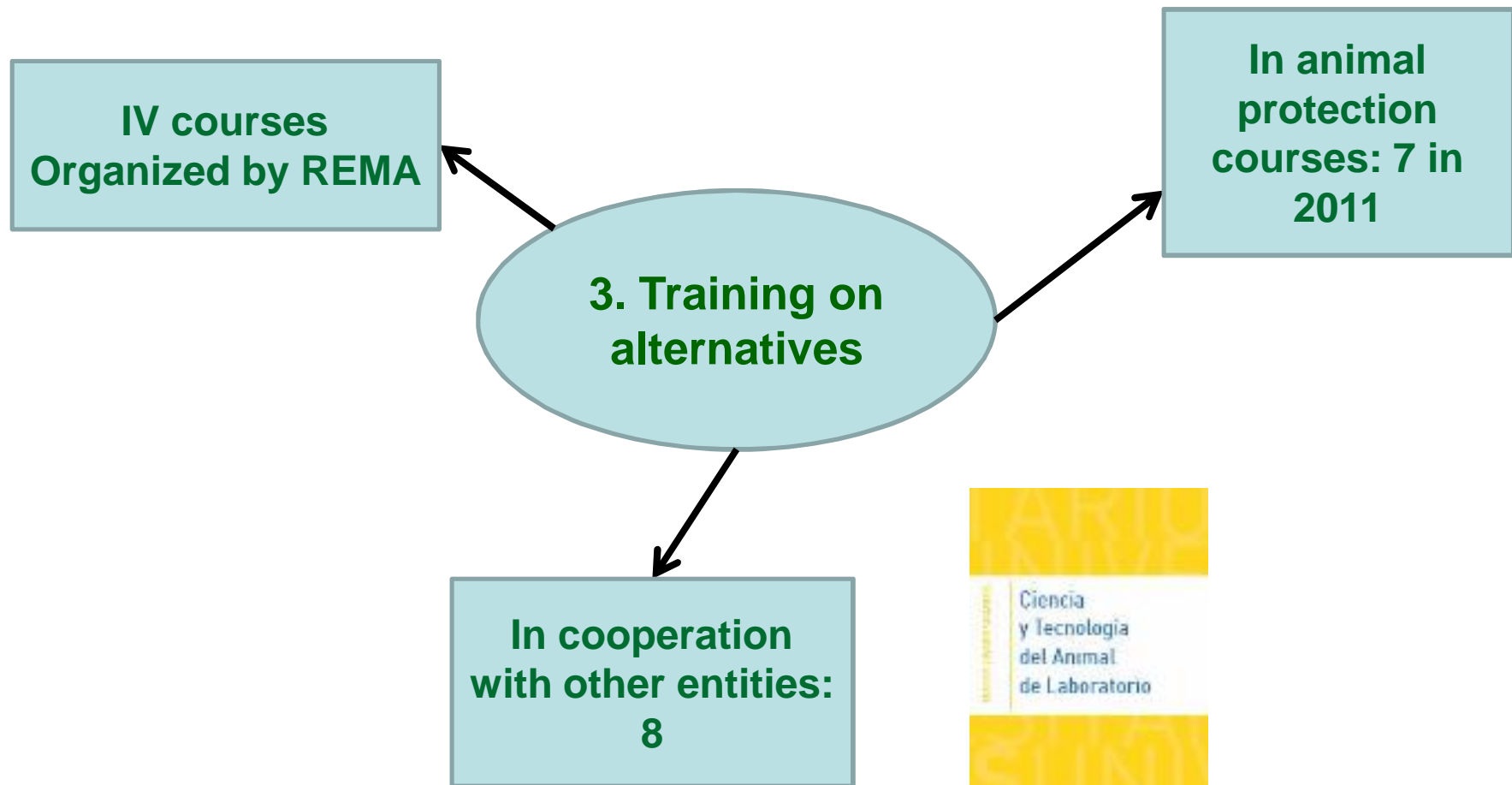
The Spanish Network for Alternative Methods to Animal Experimentation

- i **Eduardo de la Peña involved with the theme "Alternative Methods in Legislation on animals used for scientific purposes" in the Roundtable on Alternative Methods in Scientific experimentation, organized at the University of Valparaiso, Chile. 2010.**
- i **Eduardo de la Peña participated in the 1st International Congress of Clinical Toxicology. Juarez Hospital of Mexico. Lecture: "Toxicological Evaluation in the REACH and Development of Alternative Methods" (E. de la Peña, A. Pillco). Communication: "The Latin American Network of Toxicology and Chemical Safety Training, Research and Development" E. de la Peña). 2010**
- i **IUTOX-2010, XII International Congress of Toxicology, Barcelona, 2010, organized by E Vilanova. REMA organized the session "Global Impact of the 3R strategy on the Regulatory process: sharing Experiences and future trends", "moderated by Argelia Castaño and in which spoke, Adela Lopez, Pilar Prieto and other internationally renowned experts,"**
- i **LRI Long Range Research Initiative," a technical and financial instrument CEFIC for R & D poison in Spain. Conference organized by FEIQUE, AETOX, REMA, CSIC and LRI. 2010, Madrid, attended by de la Peña E, G Repetto and JA Vericat**
- i **The ban on testing cosmetic ingredients on animals in 2013, round table organized by GTEMA / AETOX in partnership with REMA and STANPA in the XIX Spanish Congress of Toxicology, Vigo, 07.27.2011**
- i **Seminar .- Eduardo de la Peña de Torres, in the Faculty of Medicine, National University of Colombia. on "Toxicological Studies, mutagenic, carcinogenic and toxic to reproduction, and alternative methods." Bogota, 02/05/2011**
- i **Lecture by Eduardo de la Peña de Torres, in the Master of Toxicology, University of Cartagena de Indias, Colombia on "Alternative Methods" at the Faculty of Medicine, Cartagena de Indias, 05.02.2011**
- i **Expert Course in the safety assessment of cosmetic products, Universidad San Pablo CEU, Carr, Madrid, May 30 to June 3, with the collaboration of REMA. 06.04.2011 .-**
- i **Expert Course on Safety Assessment of Cosmetic Products of San Pablo CEU University, Madrid, with the participation of Argelia Castaño, Guillermo Repetto and Eugenio Vilanova. 01.9.2011 .-**
- i **Eduardo de la Peña gave a lecture entitled "Toxicological Evaluation in the REACH and Development of Alternative Methods to Animal Testing at the Centre for State Control of Drug Quality in Cuba. 01.12.2011 .-**
- i **M^a José Gómez Lechon participating in the Master of Molecular Biotechnology. University of Barcelona. Using cell models for assessing toxicity and metabolism. Barcelona, 09/11/11**



Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation





II CURSO-TALLER DE REDUCCIÓN, REFINAMIENTO Y REEMPLAZO DE ANIMALES EN INVESTIGACIÓN, DESARROLLO Y DOCENCIA

Organiza: REMA + Universidad de Córdoba y SECAL





Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation

TRAINING ACTIVITIES In cooperation with other entities:

REMA is associated in the organization of the International Master in Toxicology, a prestigious international training program graduate distance lead by Prof. Dr. Manuel Repetto, organized by the Official College of Chemists of Sevilla

Eduardo de la Peña gives a lecture: "Assessing the effects on human health and the environment of substances and mixtures. Development and Application of Alternative Methods to Animal Testing. " (E. de la Peña, A. Pillco). Autonomous University of Yucatan. Mérida. Mexico 2010

Argelia Castaño participates in the Master in Therapeutic Targets Cell Signaling: research and development. University of Alcalá de Henares. 2009-2010.

Seminars "ADME-Tox: New Strategies." ADVANCELL, with the participation of JV Castell and JA Vericat. 2010

Eduardo de la Peña has been involved with the theme "Alternative Methods in Legislation on animals used for scientific purposes" in the Roundtable on Alternative Methods in Scientific experimentation, organized at the University of Valparaíso, Chile. 11/11/2010

Expert Course on Safety Assessment of Cosmetic Products, San Pablo CEU University, Madrid, with the participation of Argelia Castaño, Guillermo Repetto and Eugenio Vilanova. 2011

Dr de la Peña gave a lecture entitled "Toxicological Evaluation in the REACH and Development of Alternative Methods to Animal Testing at the Centre for State Control of Drug Quality in Cuba. 2011

Expert Course in safety assessment of cosmetic products, Universidad San Pablo CEU, Madrid, in collaboration with REMA and with the participation of Argelia Castaño, Guillermo Repetto and Eugenio Vilanova. 01.06.2011

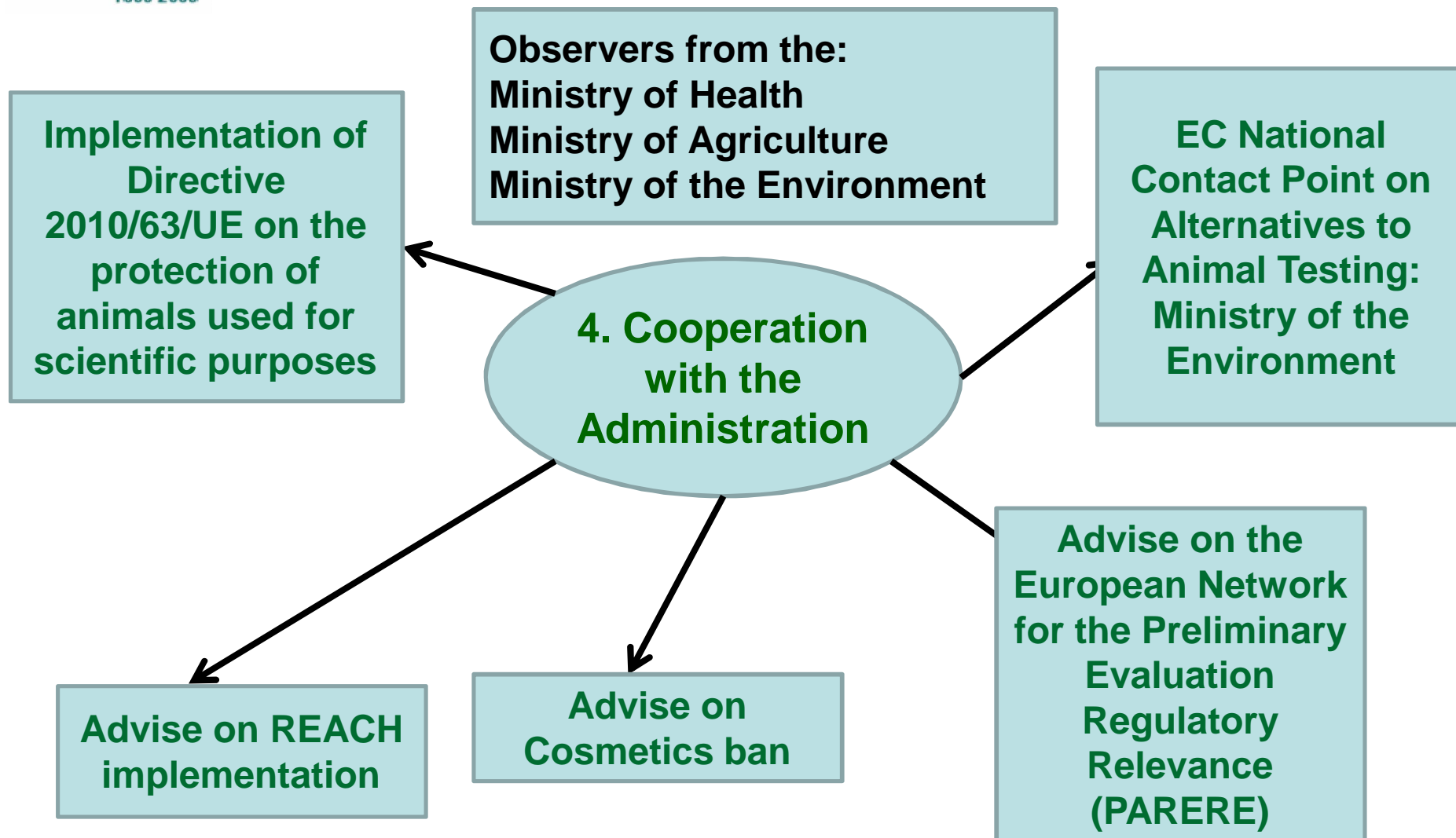


TRAINING ACTIVITIES, At animal protection courses

Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation

- i Argelia Castaño participates in the training course for experiments in laboratory animal science. Category B School of Medicine. Autonomous University of Madrid 2010
- i Argelia Castaño participates in the course: "Technical specialist in animal experimentation: Category B CSIC 2010
- i Argelia Castaño participates in the training course "Design and Management of animal experiments. Category C "for researchers in laboratory animal science. Veterinary Faculty of Madrid Complutense University. Issue II 2010.
- i Argelia Castaño participates in the training course for experiments in laboratory animal science: Category B CIEMAT / CSIC. Madrid. 2010
- i Argelia Castaño participates in the training course for experiments in laboratory animal science. Category B Institute of Health Sciences of Castile and Leon. Salamanca: 2010.
- i Argelia Castaño participates in the course "Alternative methods: Theory and Practise" Category C course. English CNIO 4 hours. 2010 CNIO Madrid
- i Argelia Castaño participates in the training course on laboratory animal science. Category B Institute of Health Sciences of Castile and Leon. Salamanca: 31-1-2011
- i Argelia Castaño participates in the course for the formation of personnel responsible for animal procedures. Category B. University of Alcalá, 6-10-11.
- i Eugenio Vilanova participates in the course of experiments (B) and charge (C) "aimed at training and accreditation for animal experimentation," 3ERs ", Universidad Miguel Hernández de Elche, 6-2010
- i Eugenio Vilanova participates in the course of experiments (B) and charge (C) "aimed at training and accreditation for animal experimentation," 3ERs ", Universidad Miguel Hernández de Elche, 6-2011
- i Adela Lopez participates in the course Cerain animal experiments (Category B) - University of the Basque Country 6-2011
- i Argelia Castaño participates in the XVIII Course on Laboratory animal technician. Category B, CSIC, Madrid, 2-6-2011
- i Argelia Castaño participates in the course for the formation to carried out experimental procedures with animals. Hospital Universitario La Paz. Category B.17-11-11





National Contact Points on Alternatives to Animal Testing (Directive 2010/63/UE): Spain: GD of Livestock Resources



Creation of the European Network for the Preliminary Evaluation Regulatory Relevance (PARERE)



The Spanish Network for Alternative Methods to Animal Experimentation

Advise to the authorities

Logo of the Spanish Government (GOBIERNO DE ESPAÑA) and the Ministry of the Environment and Rural and Marine Affairs (MINISTERIO DE MEDIO AMBIENTE Y MEDIO RURAL Y MARINO). The website address is **marm.gob.es**.

Language options: Bienvenidos | Benvinguts | Benvidos | Ongi etorri | Welcome

Search bar: Buscar

Font size: A A A |

Ministerio	Áreas de actividad	Participación pública	Cartografía y SIG	Estadísticas	Ayudas y subvenciones	Sede electrónica	Sala de prensa	Atención ciudadana
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Sala de prensa

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Mediante la suscripción de un Convenio

El MARM y la Red REMA colaboran para la utilización de métodos alternativos al uso de animales de experimentación

[Imprimir](#) [RSS](#) [Descargar en PDF](#)

13/10/2011

Galería

Su objetivo es establecer los cauces para el intercambio de información técnica y científica.

Cooperation Agreement between the Ministry of the Environment and Rural and Marine Affairs, and REMA for cooperation on alternatives to animals for experimental and other scientific purposes.

Several members of the Board of REMA participate in expert committees and working groups on validation.

EC Working Group on the availability of alternative methods in the evaluation of Cosmetic Products. 2010 (Pilar Prieto, Guillermo Repetto)

5. Activities on validation

Meeting of the National Contact Points on Alternatives to Animal Testing, Spain being represented by Pilar León (MARM), advised by Guillermo Repetto

Arch Toxicol (2011) 85:437–465
 DOI 10.1007/s00201-011-0602-2

REVIEW ARTICLE

Alternative (non-animal) methods for cosmetics testing: current status and future prospects—2010

Sarah Adler · David Basketter · Stuart Cretton · Olli-Pekka Järvenpää · Jan van Bennekom · Valerie Zang · Klaus Egeer Andersen · Alexandre Angers-Lustant · Ayman Agrife · Anne Bal-Price · Emílio Benfante · Ulfrike Bernauer · Jan Benmans · Frederik V. De Bo · Alan Boobis · Esther Brandon · Susanne Brenner · Thomas Brochuard · Silvia Casati · Sandra Coschke · Raffaella Crotti · Mark Cronin · George Dunton · Wolfgang Dekant · Susan Felber · Elise Gligouard · Ursula Gaudert-Remy · Tania Harrison · Jan Kluiber · Joe Kluiber · Hanna Kumpulainen · Richard Krilling · Joachim Kreyer · Sofia Barletta Leite · George Lohm · Gavin Maxwell · Paolo Muscatello · Sharon Munn · Stefan Pfahler · Pascal Pleuskowski · Albert Piersma · Albrecht Roth · [\[10.1007/s00201-011-0602-2\]](#) · Yves Rogiers · Gert Schuster · Michael Schwarz · Rodina Serdyukova · Hans Tikh · Emanuela Testa · Joost van Delft · Henk van Loveren · Marlene Vinken · Andrew Worth · José-Manuel Zaldívar

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Abstract The 7th amendment to the EU Cosmetics Directive prohibits the use of animal-derived cosmetics on the market in Europe after 2013. In that context, the European

Commission invited stakeholder bodies (industry, non-governmental organizations, EU Member States and the Commission's Scientific Committee on Consumer Safety) to identify scientific experts in the toxicological areas, i.e. toxicokinetics, repeated dose toxicity, carcinogenicity, skin

Sarah Adler, David Basketter, Stuart Cretton, Olli-Pekka Järvenpää, Jan van Bennekom, Valerie Zang, Klaus Egeer Andersen, Alexandre Angers-Lustant, Ayman Agrife, Anne Bal-Price, Emílio Benfante, Ulfrike Bernauer, Jan Benmans, Frederik V. De Bo, Alan Boobis, Esther Brandon, Susanne Brenner, Thomas Brochuard, Silvia Casati, Sandra Coschke, Raffaella Crotti, Mark Cronin, George Dunton, Wolfgang Dekant, Susan Felber, Elise Gligouard, Ursula Gaudert-Remy, Tania Harrison, Jan Kluiber, Joe Kluiber, Hanna Kumpulainen, Richard Krilling, Joachim Kreyer, Sofia Barletta Leite, George Lohm, Gavin Maxwell, Paolo Muscatello, Sharon Munn, Stefan Pfahler, Pascal Pleuskowski, Albert Piersma, Albrecht Roth, [\[10.1007/s00201-011-0602-2\]](#), Yves Rogiers, Gert Schuster, Michael Schwarz, Rodina Serdyukova, Hans Tikh, Emanuela Testa, Joost van Delft, Henk van Loveren, Marlene Vinken, Andrew Worth, José-Manuel Zaldívar



Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation





Í THE FUTURE OF THE 3Rs Æ FROM INNOVATION TO VALIDATIONÎ
12th ecopa Annual Workshop

11-11-11

**Madrid, Spain, organized by
The Spanish Network for Alternatives to animal testing (REMA)**





Red Española de Métodos Alternativos a la Experimentación Animal

The Spanish Network for Alternative Methods to Animal Experimentation



Junta Directiva: Presidente: Guillermo Repetto (U Pablo de Olavide de Sevilla); Vicepresidente: Domingo Gargallo (Grupo Ferrer, Barcelona); Secretario: Alberto Díez Michelena (ANDA, Madrid); Tesorera: M^a José Gómez Lechón (Hospital La Fé, Valencia); Vocales: Argelia Castaño (I.S. Carlos III, Madrid), José Vicente Castell (Hospital La Fé, Valencia), Nicolas Fabre (Noscira, Madrid), Francisco Ferrándiz. (OTIME- Oficina Técnica Internacional del Medicamento), Adela López de Cerain (U de Navarra, Pte ECOPA), Eduardo de la Peña de Torres (CCMA, CSIC, Madrid), Pilar Prieto (Centro Europeo para la Validación de Métodos Alternativos, Italia), Joan Albert Vericat (Noscira, Madrid), Eugenio Vilanova (U Miguel Hernández, Elche).