

**9th Conference of the
European Society for Agricultural and Food Ethics**



***Global Food Security:
Ethical and Legal Challenges***

BILBAO, 15 - 18 SEPTEMBER 2010

**ORGANIZER:
INTER- UNIVERSITY CHAIR
BBVA FOUNDATION –LOCAL GOVERNMENT OF BISCAY
IN LAW AND THE HUMAN GENOME
(University of Deusto – University of the Basque Country)**

For further information, please contact:

*Prof. Leire ESCAJEDO SAN-EPIFANIO (Coordinator),
leire.escajedo@ehu.es - Tel. 0034 (9)4 601 5236*

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1.- Presentation

The 9th Eursafe Congress, that celebrates its tenth anniversary this year, is an invitation to reflect on the challenges of agriculture and food in the third millennium. Advances in the biosciences in relation to achieving global food security have raised interesting socio-ethical and legal questions that we must tackle from an interdisciplinary perspective.

Sustainability, Bioenergy and Animal welfare are topics that will be discussed, together with reflections on the goals and methods in agricultural and food ethics. The possible contribution these ethics may offer to political decision-making and the training of future bioscience graduates and post-graduates will also be covered at this international forum.

The Conference

2010 provides us with a privileged observatory for the 3rd Millenium challenges to agricultural sciences and biosciences. Ethical and legal issues related to the food security, animal welfare as well as the prevention of food born diseases are going to be, among others, the object of cross-disciplinary reflection and debate in the 9th EurSafe Congress.

Congress sub-topics

- 1.** Climate change policies and food security
 - 2.** Sustainable agriculture and aquaculture for global food security
 - 3.** The role of local breeds and traditions in sustainable agriculture and aquaculture
 - 4.** Alleviating hunger and poverty: Role of agri-food research
 - 5.** The role of biotechnology in food security
 - 6.** Ethical and legal aspects of bioscience patenting
 - 7.** Eating, nutrition and health: Ethical and legal considerations
 - 8.** Food labelling and consumer protection
 - 9.** The role of ethical engagement and public participation in EU food governance
 - 10.** Ethics of bioenergy production
 - 11.** Ethical, welfare and legal status of farm and laboratory animals in the EU
 - 12.** Teaching ethics, animal welfare and law for the biosciences and agri-food sector
- * Open call - Animal, Agriculture and Food Ethics

2.- Scientific Committee

SCIENTIFIC COMMITTEE:

Coordinators:

- **Carlos M^a ROMEO CASABONA**, Director of the Congress' Organising Committee. Professor of Criminal Law, Faculty of Law, University of the Basque Country and Chair Director of the Inter-University Chair of the BBVA Foundation - Provincial Government of Biscay in Law and the Human Genome (University of Deusto and University of the Basque Country) - Spain
- **Matthias KAISER**, President of EurSafe. Director of the National Committee for Research Ethics in Science and Technology (NENT), Professor at the Centre for the Study of Science and the Humanities at the University of Bergen – Norway

Members (alphabetically ordered):

- **BRENA SESMA, Ingrid** (Coordinator of the Centre for Legal Studies Concerning Health, Institute For Legal Research Of The National Autonomous University Of Mexico)
- **CASTRO JOVER, Adoración** (Professor Of Ecclesiastical And Roman Law, Faculty Of Law, University Of The Basque Country - Spain)
- **CORTINA ORTS, Adela** (Professor Of Ethics And Political Philosophy, Faculty Of Philosophy, University Of Valencia; Member Of The Bioethics Committee Of Spain)
- **DE RENOBLES SCHEIFLER, Mertxe** (Professor Of Biochemistry And Molecular Biology, Faculty Of Pharmacy, University Of The Basque Country - Spain)
- **DE TAVERNIER, Johan** (Centre For Science, Technology And Ethics, Catholic University Of Leuven - Belgium)
- **EMALDI CIRIÓN, Aitziber** (Senior Researcher Of The Interuniversity Chair In Law And Human Genome; Lecturer Of Law And Biotechnology, Faculty Of Law, University Of Deusto - Spain)
- **ESCAJEDO SAN EPIFANIO, Leire** (Professor of Constitutional Law, University Of The Basque Country - Spain)
- **FREIRE DE SÁ, Fatima** (Faculty Of Law Sciences, Federal University Of Minas Gerais, Belo Horizonte - Brazil)
- **GJERRIS, Mickey** (LIFE - Faculty Of Life Sciences, University Of Copenhagen - Denmark)
- **GÓMEZ CÓRDOBA, Ana Isabel** (Director Of The Medicine Program, Faculty Of Medicine, El Rosario University, Bogotá - Colombia)
- **GONZALEZ DE CANCINO, Emilssen** (Director Of The Centre For Genetics And Legal Research, Faculty Of Law, University Of Externado De Colombia, Bogotá – Colombia)

- **HAGEN, Kristin** (Europäische Akademie Zur Erforschung Von Folgen Wissenschaft-Lich-Technischer Entwicklungen; Member Of The Eursafe's Executive Committee - Germany)
- **HERBOSA, Inmaculada** (Senior Lecturer of Private Law, Faculty of Law, University Of Deusto - Spain)
- **MEIJBOOM, Franck L. B.** (Secretary Of The Eursafe Executive Committee; Lecturer And Research Coordinator, Ethics Institute, Utrecht University - Netherlands)
- **MILLAR, Kate** (Director Of The Centre For Applied Bioethics, University Of Nottingham; Vice-President Of The Eursafe's Executive Committee – United Kingdom)
- **NICOL, Dianne** (Faculty Of Law, University Of Tasmania - Australia)
- **OLSSON, I. Anna S.** (Executive Board Member Of Eursafe; Researcher, Laboratory Animal Science, Institute For Molecular And Cell Biology, Porto - Portugal)
- **PÉREZ DE LAS HERAS, Beatriz** (Senior Lecturer Of European Union Law, Faculty Of Law, University Of Deusto - Spain)
- **Rebato Ochoa, Esther** (Professor Of Biological Anthropology, Faculty Of Science And Technology, University Of The Basque Country - Spain)
- **Willemsen, Ariane** (Executive Secretary, Swiss Ethics Committee On Non-Human Gene Technology, Federal Office For The Environment - Switzerland)

3.-Generic Programme

WEDNESDAY 15th - CAMPUS OF SARRIKO – UNIVERSITY OF THE BASQUE COUNTRY

16'00-19'00 . Zubiria Etxea

Food Ethics Dilemma Workshop

Organised by: Nordic Network of Agriculture and Food Ethics Dilemma Project,
financed by the Nordic Council of Ministers
Carolina Kallum, Matthias Kaiser, Anne Algers

19'30 : WELCOME RECEPTION. Faculty of Economic and Business Sciences (Main Hall).



THURSDAY 16th - EUSKALDUNA CONGRESS HALL



08.30: REGISTRATION

09.00: WELCOME AND OPENING - *E Room*

09.30: PLENARY SESSION (*E Room*)

Global Food Security and Human Rights

Chair: Carlos M. Romeo Casabona (Conference Director)

Speaker: Mr. Federico MAYOR ZARAGOZA. He served as Director-General of UNESCO. President of the Foundation for a Culture of Peace.

Sustainable production and Food Security

Chair: Franck Meijboom (Secretary of EurSafe)

Speaker: Huub Löffler. Director of Wageningen Academics International.

11.00: COFFEE AT POSTERS.

11.30: PARALLEL SESSIONS – 4 parallel sessions

	Climate change policies and food security	Animal Biotechnology	Animal Welfare (I)	Food Labeling and consumer protection
	Room: Sala E Chair: Sandøe, P. (Denmark)	Room: Sala B Terraza Chair: Nicolás Jiménez, P. (Organising Team)	Room: Sala C3 Chair: Hagen, K. (Germany)	Room: Sala B3 Chair: Anthony, R.
11'30	Human Development and Food: A Global Vision Clotet Ballús, Ramon; Colomer Xena, Yvonne Triptolemos Foundation - Barcelona, Spain.	Transgenic animals, ethics boards and democracy Röcklinsberg, H. Centre for Theology and Religious Studies, Ethics - Lund, Sweden.	Designing a computer game for pigs, to explore and redefine the interface between animal welfare, science and ethics Driessen, C.P.G.; Bracke, M.B.M.; Copier, M.	Certification and ethical standards in aquaculture Haugen, A.S.; Almaas, V.; Kaiser, M. University of Bergen, Centre for the Study of the Sciences and the Humanities. Norway.
12'00	Designing ethical strategies for global food security Kaiser, M. University of Bergen. Centre for the Study of the Sciences and the Humanities. Norway	Is there more to life than welfare? How the concept of animal integrity can contribute to discussions of animal ethics Gjerris, M.; Gamborg, C. University of Copenhagen, Faculty of Life Sciences . Denmark.	Animal welfare – between individual and political responsibility Heerwagen, L. University of Copenhagen. Institute of Food and Resource Economics. Denmark	Buyer be-aware: The ethics of food labelling reform and 'mobilising the consumer' Frohlich, X. Massachusetts Institute of Technology, United States of America.
12'30	Precautionary principle and Global food security Urruela Mora, A. ¹ ; Libano Beristain, A. ² ¹ University of Zaragoza, Department of Criminal Law, and Inter-University Chair in Law and the Human Genome; ² Autonomous University of Barcelona, Spain.	Some legal and ethical aspects of xenotransplantation in light of the proposed revision of the Directive on the protection of animals used for scientific purposes Jorqui, M. Inter-University Chair in Law and the Human Genome. Bilbao (Spain)	Specifying Animal Welfare Standards: Ethical Issues Thompson, P.B. Michigan State University, Philosophy. East Lansing, MI, United States of America.	Seafood safety, authenticity and analytical methodologies to detect fraud Sotelo, C. ¹ , Pérez-Martín, R. ¹ , Aursand, M. ² , Yamashita, Y. ³ and Martínez, I. ¹ ¹ Institute of Fisheries. Vigo Spain. ² SINTEF Fisheries and Aquaculture, Trondheim, Norway, ³ National Research Institute of Fisheries Science, Yokohama, Japan

13.00: LUNCH (AT THE RESTAURANT OF THE EUSKALDUNA CONGRESS PALACE).

14:15: PARALLEL SESSIONS - 4 parallel sessions

	Climate change policies and food security & Food labeling and consumer protection Room: Sala E Chair: Jorqui Azofra , M. (Spain)	Climate change policies and food security & Sustainable agriculture and aquaculture for global food security Room: Sala B Terraza Chair: Olsson, A. (Portugal)	Animal Welfare (II) and Animal Research Room: Sala B3 Chair: De Cock Buning, T. (Netherlands)	Eating, nutrition and health: ethical and legal considerations Room: Sala C3 Chair: De Renobales Scheifler, M (Spain)
14'15	<i>Taming the Unruly Side of Ethics: Overcoming Challenges of a Bottom-Up Approach to Ethics in the Areas of Climate Change and Food Security</i> Anthony, R. University of Alaska Anchorage, Philosophy. Anchorage, United States of America	<i>Balanced sustainable welfare friendly breeding</i> <i>Neeteson-Van Nieuwenhoven, A.M.</i> European Forum of Farm Animal Breeders, Sustainable Farm Animal Breeding and Reproduction TP, Benedendorpsweg - Oosterbeek, Netherlands	<i>Animal welfare regulations in the EU: a matter of ethics or a matter of human economic interest?</i> Landeru Luri, M. Faculty of Law, University of the Basque Country – San Sebastian, Spain	<i>Conflicting Concerns in Fighting Obesity</i> Jensen, K.K. University of Copenhagen, Danish Centre for Bioethics and Risk Assessment. Denmark
14'45	<i>Redefining the EU Agricultural Policy under market constitutionalism: from protectionism to competitiveness</i> Lasa-López, A. Inter-University Chair in Law and the Human Genome – Bilbao, Spain	<i>Nanotechnology and trust in aquaculture</i> Myskja, B.K. Norwegian University of Science and Technology NTNU, Department of Philosophy - Trondheim, Norway	<i>The ethical basis of using animals in agricultural production: consumer understandings</i> Vinnari, M.V.; Kupsala, S.; Jokinen, P. University of Easter Finland. Environmental Policy and Law. Finland	<i>Dietary Disorders and Mental Health: a contemporaneous debate</i> Freire de Sa, M. F ¹ ; Brochado Teixeira, A. C. ² ¹ Pontificia Universidade Católica de Minas Gerais ; ² Centro Universitario UNA Bello Horizonte Brasil
15'15	<i>Food system and climate change: the false premises of antitrust policy</i> Sodano, V. University of Naples Federico II. Agricultural Economics. Naples, Italy (Theatre)	<i>Benefits and costs of fish welfare interventions in European aquaculture</i> Mejdell, C.M.; Damsgård, B.; Kadri, S. National Veterinary Institute, Oslo, Norway.	<i>Farm Animals, Intersubjectivity, and Hermeneutics</i> Karlsson, F. Uppsala University. Sweden.	<i>Morbid Obesity in Children and the Law</i> Romeo, S.; Nicolás, P. Inter-University Chair in Law and The Human Genome. Bilbao, Spain
15'45	<i>Widening the perimeter – economics, philosophy, ethics and the quest for vital questions</i> Tsioumanis, A. Democritus University of Thrace, Department of Agricultural Development - Thessaloniki, Greece	<i>The Latxa dairy sheep in the Basque Country: importance, challenges and opportunities for a traditional livestock activity</i> Ruiz, R.; Díez-Unquera, B.; Beltrán De Heredia, I.; Mandaluniz, N.; Arranz, J.; Ugarte, E. NEIKER, Animal Production, Vitoria-Gasteiz, Spain	<i>Attempt to typologize relations between different worlds (human, animal, living) based on legal and ethical questions surrounding the status of GM fish</i> Coutellec, L. ¹ and Doussan, I. ² , ¹ INSA de Lyon, Les Humanités-STOICA. Villeurbanne. ² INRA, SAE2, CREDECO-Faculté de Droit. NICE, France	<i>Parental views on public-policy options regarding healthy eating</i> Wickins-Drazilova, D.; Williams, G. Lancaster University, Department of Philosophy - Lancaster, United Kingdom.

16:15: COFFEE AT POSTERS

16.45 - 17:30: PLENARY SESSION - E Room

Globalisation, Food, Security: Towards a Philosophy of Agri-Food

Chair: Prof. Dr. Matthias Kaiser (President of EurSafe)

Speaker: Prof. Dr. phil. Thomas Potthast. University of Tübingen (Germany)

17.30 - 18.30: POSTER SESSION. Chair: Dr. María JORQUI AZOFRA (Organising Team, Spain)

TOPIC: THE ROLE OF LOCAL BREEDS AND TRADITIONS IN SUSTAINABLE AGRICULTURE AND AQUACULTURE

1) *A bio-integrated model of food production and knowledge: a study case in Ciudad del Carmen, Mexico*

Domínguez-Trejo, L.¹, Morales-Garza, M.R.² and Cano, W.³

¹Centro Regional de Investigaciones Pesqueras, CRIP-Carmen, México, Laboratorio de Acuaponía. Campeche, Mexico, ²Centro de Investigaciones sobre Desertificación, Ecología Vegetal. Valencia, Spain, ³Universidad del País Vasco, Lógica y Filosofía de la Ciencia- Donostia, Spain

2) *Autochthonous breeds, sustainable local exploitation, and quality of animal products: the case study of Piemontese cattle*

Renna, M.¹, Cornale, P.^{1,2}, Lussiana, C.¹, Mimosi, A.¹ and Battaglini, L.M.¹

¹University of Torino, Animal Science - Grugliasco, Italy. ²University of Gastronomic Science, p.za V. Emanuele - Bra, Italy

3) *Part-time grazing: a more sustainable sheep's milk and cheese production in the Basque Country*

Mauleón, J.R.¹, Barrón, L.J.R.¹, Virto, M.¹, Mandaluniz, N.², Amores, G.¹, Pérez-Elortondo, F.J.¹, Arranz, J.², Abilleira, E.¹, Beltrán De Heredia, I.², Ruiz De Gordo, J.C.¹, Nájera, A.I.¹, Ruiz, R.², Albisu, M.¹ and De Renobales, M.¹ ¹University of the Basque Country UPV/EHU, Faculty of Pharmacy, 01006 Vitoria-Gasteiz, Spain, ²NEIKER Tecnalia. Vitoria-Gasteiz, Spain

4) *Climate change and food insecurity: an ethical problem that cannot be postponed*

Nari Lloveras, M; Soto, C. (Uruguay)

TOPIC 05 - EATING, NUTRITION AND HEALTH: ETHICAL AND LEGAL CONSIDERATIONS

5) *Obesity in ethnic minority and low-income populations. Social and public policy considerations from a comparative study*

Poveda, A.; Jelenkovic, A.; Ibáñez, M.E.; Rebato, E.

University of the Basque Country, Genetics, Physical Anthropology and Animal Physiology. Bilbao, Spain

6) *The role of the International Criminal Court in the control of food and water security*

Fernandez-Pacheco Estrada, C.

Senior Lecturer of Criminal Law. Department of International Public Law and Criminal Law. University of Alicante, Spain

TOPIC 9 - ANIMAL WELFARE

7) *Effects of feed supplements on meat quality. An ethical analysis including welfare and health of production animals and human consumers*

Meijboom, F.L.B.¹, Bracke, M.B.M.² and Van Der Staay, F.J.³

¹Utrecht University, Fac. of Veterinary Medicine, Dept. Animals in Science and Society - Utrecht, Netherlands, ²Wageningen University and Research Center, Livestock Research - Lelystad, Netherlands, ³Utrecht University, Fac. of Veterinary Medicine, Dept of Farm Animal Health - Utrecht, Netherlands

Topic 11 - Animal Research and Animal disease control

Genomics and animal health: Use of animals in biomedical research

B.M. Jugo¹, A. Larruskain¹, K. Garcia-Etxebarria¹, L.I. Mazón¹, Miren Gorrotxategi Azurmendi²

¹Genetics, Physical Anthropology and Animal Physiology Dpt. University of the Basque Country.

² Department of Constitutional Law. University of the Basque Country.

TOPIC: TEACHING ETHICS, ANIMAL WELFARE AND LAW FOR THE BIOSCIENCES AND AGRI-FOOD SECTOR

Transgenic foods: science, safety, legislation, and ethics

De Renobales, M.¹, Escajedo, L.² and Martínez De Pancorbo, M.³

¹University of the Basque Country UPV/EHU, Biochemistry and Molecular Biology, Faculty of Pharmacy, Vitoria-Gasteiz, Spain, ²University of the Basque Country UPV/EHU, Constitutional Law, Faculty of Labour Sciences, and Inter-University Chair in Law and Human Genome, Bilbao, Spain, ³University of the Basque Country UPV/EHU, Zoology and Animal Cellular Biology, Faculty of Pharmacy, Vitoria-Gasteiz, Spain

10) *New version of Animal Ethics Dilemma allows students to make use of science, drama and images in ethics learning*

Hanlon, A.¹, Algers, A.², Dich, T.³, Hansen, T.³, Christiansen, S.B.³, Loor, H.⁴ and Sandøe, P.³

¹University College Dublin, Faculty of Veterinary Sciences - Dublin, Ireland. ²Swedish University of Agricultural Sciences - Skara, Sweden, ³University of Copenhagen, Faculty of Life Sciences - Frederiksberg C., Denmark, ⁴imCode Partner AS - Visby, Sweden

11) *Shifting minds?: The effect of training in Laboratory Animal Science on researchers' attitudes to animal use in biomedical research*

Franco, N.H.; Franco, N.H.^{1,2}, Nunes, J.A.³ and Olsson, I.A.S¹

¹Institute for Cellular and Molecular Biology - U. Porto, Laboratory Animal Science Group - Porto, Portugal, ²Institute of Biomedical Sciences - University of Porto - Porto, Portugal, ³Center for Social Studies - University of Coimbra - Coimbra, Portugal

12) *European Higher Education Area and Teaching Law and Ethics in the Biosciences*

Gorrotxategi Azurmendi, M. University of the Basque Country, Department of Constitutional Law – Bilbao, Spain

Free evening for the Delegates (After dinner, meeting point: *Café Iruña*).

FRIDAY 17th - UNIVERSITY OF DEUSTO



08.30: Registration

09.00: PLENARY SESSION - Auditorium

The right to secure food in the perspective of the improvement of the fundamental rights

Chair: Inmaculada Herbosa (University of Deusto, Bilbao, Spain)

Speaker: Prof. Dr. Mr. Stefano RODOTÁ. Member of the European Group on Ethics in Science and New Technologies. *La Sapienza University* (Rome)

09.30: PLENARY SESSION:

Agricultural Challenges – Auditorium

Chair: Ariane Willemsen (Federal Ethics Committee on Non-Human Biotechnology, Switzerland)

Feeding nine billion people

Prof. Dr. Mr. Francisco GARCÍA OLMEDO. Polytechnic University, Madrid. Member of the Royal Academy of Engineering and the Academia Europaea

Food Security: Challenges in Agriculture. The Indian Perspective

Prof. G.Pakki Reddy. Executive Director. Agri Biotech Foundation. Hyderabad, India

10.30: COFFEE AT POSTERS

11.00: PARALLEL SESSIONS - 4 parallel sessions

	Teaching ethics, animal welfare and law for the Biosciences and agri-food sector	Animal Research and Animal disease control	Food labeling and consumer protection	Eating, nutrition and health: ethical and legal considerations
	Ethical and legal aspects of bioscience patenting Room: Auditorium Chair: Aerts, S. (Belgium)	Room: Conference Room Chair: Neeteson, A.-M. (The Netherlands)	Room: Sala 110 Chair: Döring, M. (Germany)	Room: 153 Chair: De Miguel, I. (Spain)
11'00	How ethics is taught by European Veterinary Faculties: A review of published literature and web resources Magalhães-Sant'ana, M. ¹ , Olsson, I.A.S. ¹ , Sandøe, P. ² and Millar, K. ³ - ¹ IBMC –Porto, Portugal, ² Danish Centre for Bioethics and Risk Assessment, ³ Centre for Applied Bioethics, University of Nottingham - United Kingdom	Moral status of the African Catfish Meijboom, F.; Bovenkerk, B University of Utrecht, Ethics Institute – Utrecht, Netherlands	Shifting Schemes of Naturalness P. F. Van Haperen Wageningen University and Research Centre, META – Wageningen, Netherlands	Can unhealthy food end up being illegal? Current trends in the penal protection of individual health Doval, A. Professor of Criminal Law. Department of International Public Law and Criminal Law, University of Alicante, Spain
11'30	Why Patenting Life is a Controversial Economical Activity. European Legal Implementation and Penal Related Issues Carlos María Romeo Casabona. Director of the Inter-University Chair in Law and the Human Genome. (Spain)	“Why don't they just pull themselves together and eat less?”- Public perception of animal use in obesity research Lund, T.B.; Lassen, J.; Sandøe, P. Danish Centre for Bioethics, Faculty of Life Sciences – Frederiksberg, Denmark	Ignored bioethics? On the role ethical concerns in GM food policies Lassen, J. Danish Centre for Bioethics and Risk Assesment,– Friedriksberg C., Denmark	Human Rights, Development and Hunger in the world. Ethical and legal proposals Blázquez-Ruiz, F.J. Public University of Navarra, Department of Public Law. Pamplona, Spain
12'00	Food Ethics Dilemma - an open learning resource Algers, A. ¹ , Kaiser, M. ² , Kallum, C. ³ , Loor, H. ³ , Wahlgreen, K. ⁴ and Welin, S. ⁵ ¹ Swedish University of Agricultural Sciences; ² Centre for the Study of the Sciences and the Humanities, Norway, ³ Imcode Partner AB - Sweden, ⁴ The Danish Meat Trade College - ⁵ University of Linköping, Sweden	Rite of passage to brute science with bias at the bench? Widening the ethical discussion of animal-based research Olsson, I.A.S. ^{1,2} , Varga, O.E. ^{1,2} and Sandøe, P. ² ¹ IBMC - Porto, Portugal, ² Danish Centre for Bioethics and Risk Assessment.	Nutrient profiling: are Dairy products really unhealthy? Escajedo, L. ¹ , Rocandio, A.M. ² and De Renobales, M. ³ University of the Basque Country (Spain): ¹ Department of Constitutional Law, ² Department of Nutrition and Bromatology. ³ Biochemistry and Molecular Biology.	Eating and Drinking: Challenges for Global Bioethics Ausín, T. Institute of Philosophy, CCHS, Spanish National Research Council (CSIC) - Madrid, Spain.
12'30	Policy, Ethics and Animals Use and the Need for Training. A Netherlands Example of Training Civil Servants in Ethics Stafleu, F.R. ¹ , Van Rij, H. ² and Meijboom, F. ¹ ¹ Utrecht University, Ethics Institute, Netherlands, ² Ministry of Agriculture, Food, animal and consumers - Netherlands	Assessing the benefit of animal experimentation Varga, O.E. ^{1,2} , Sandøe, P. ² and Olsson, I. A. S. ^{1,2} ¹ IBMC- Porto, Portugal, ² Faculty of Life Sciences, University of Copenhagen, Danish Centre for Bioethics and Risk Assessment. Denmark	GMO, consumption and consumer vulnerability in Brazilian Consumer Law: the right to be duly informed. Myszczuk, A. P., Glitz, F. UNIBRASIL/QUIS Law School. Curitiba, Paraná, Brazil	Food policy and institutional conflict Díaz Mendez, C. University of Oviedo, Department of Sociology. Oviedo, Spain

13.00: LUNCH

14.00: PARALLEL SESSIONS - 4 parallel sessions

	Sustainable agriculture and aquaculture for global food security	The role of ethical engagement and public participation in EU food governance	The role of biotechnology in food security and ethical and legal aspects of bioscience patenting	Ethical, legal and social issues concerning new systems, components and foodstuffs
	Room: Auditorium Chair: P. Thompson (USA)	Room: Conference Room Chair: A. Lasa-Lopez (Spain)	Room: 110 M. Gjerris (Denmark)	Room: Room 153 Chair: Fatima Freire de Sa (Brazil)
14'00	<i>Behavioural change as a key to sustainable agriculture</i> De Lauwere, C.C.; Ten Pierick, E.; Beekman, V. LEI Wageningen UR, Agriculture and Entrepreneurship - Wageningen, Netherlands	<i>Food citizenship: is there a duty for responsible consumption?</i> De Tavernier, J. Faculteit Godgeleerdheid/Faculty of Theology, Chair Theologische Ethiek/Theological Ethics, Leuven, Belgium	<i>Climate-ready GM Crops, Intellectual Property and Global Justice</i> Timmermann, C.A. ^{1,2} , Van Den Belt, H. ^{1,2} and Korthals, M.J.J.A. ^{1,2} ¹ Applied Philosophy Group, Department of Social Sciences, Wageningen University - Wageningen, Netherlands, ² Centre for Society and Genomics, Netherlands.	The dignity of living beings with regard to plants: a brief commentary De Miguel Beriain, I. Inter-university Chair in Law and the Human Genome. Bilbao, Spain
14'30	<i>Ethical reflection on a practical proposal of sustainable poultry farming</i> Meijboom, F.L.B. Utrecht University, Ethics Institute - Utrecht, Netherlands	<i>The Role of NGOs in Food Security</i> Essien, E. Eurogroup for Animals, Sustainable Food Chain & Corporate Social Responsibility (CSR). Brussels, Belgium	<i>Transgenic livestock as contribution to global food security?</i> Huber, R.C. ¹ , Sandøe, P. ² , Whitelaw, C.B.A. ³ and Olsson, I.A.S. ¹ ¹ IBMC - Universidade do Porto, Laboratory Animal Science - Porto, Portugal; ² Danish centre for Bioethics and Risk Assessment, ³ The Roslin Institute, University of Edinburgh, Division of Developmental Biology - United Kingdom.	<i>In vitro meat: promises and responses. Cooperation between science, social research and ethics</i> C.N. Van Der Weele Wageningen UR, LEI – Den Haag, Netherlands
15'00	<i>The use of certain transgenic seeds in a more sustainable organic agriculture</i> De Renobales, M. ¹ and Escajedo, L. ² Univ. of the Basque Country (Spain). ¹ Biochemistry and Molecular Biology. ² Constitutional Law.	<i>Governance addressing societal values</i> Kaiser, M.; Almaas, V University of Bergen, Centre for the Study of the Sciences and the Humanities. Norway	<i>The farm-to-fork approach of Food Security concerning Chemicals (with special reference to REACH, a “new” European Community Regulation)</i> Atienza-Macías, E. Inter-University Chair in Law and the Human Genome – Bilbao, Spain	<i>Legal and ethical challenges regarding edible in vitro meat production</i> E.J. Armaza-Armaza and J. Armaza-Galdós Inter-University Chair in Law and the Human Genome – Bilbao, Spain
15'30	<i>Sambucana sheep: ethical and socio-economical successful outcomes of a 20-years in situ preservation program</i> Cornale, P. ^{1,2} , Renna, M. ¹ , Fortina, R. ¹ and Battaglini, L.M. ¹ ¹ University of Torino, Animal Science –Grugliasco, Italy, ² University of Gastronomic Science - Bra, Italy	<i>Making sense of demands for the integration of ethics into the regulation of GMOs</i> Lord, F.; Létourneau, L. Université Laval, Département des Sciences Animales. Quebec, Canada	<i>Networks, cultures and politics. What is going on with the transgenic maize in Mexico?</i> Cano, W. , Ibarra, A. University of the Basque Country. Department of Logic and Philosophy of Science (Spain).	<i>Framing Omega-3: The politics of essential fatty acids in functional foods</i> M. Döring ¹ ; S. Stirn ² ¹ University of Hamburg. FSP-BIOGUM/FG Medicine. Hamburg, Germany; ² FSP-BIOGUM, Biozentrum Klein Flottbek, Hamburg, Germany.

16.00: COFFEE AT POSTERS

16:30 – 18:00: PLENARY SESSION.

Nutrition, Food and Consumer Protection: Global Challenges

Chair: Dr. Kate Millar (Vice-president of EurSafe)

- Prof. Dr. Mr. **Andreu PALOU OLIVER**, Vice Chairman of the European Food Safety Authority's Scientific Panel on Nutrition and Chairman of the Spanish Food Safety Agency Scientific Committee (AESAs): ***"EC Regulation on Health Claims made on food: development and new perspectives"***.
- Dr. Josh **BREM-WILSON**. Bradford University, United Kingdom. ***"Towards inclusive global food and agricultural governance and policy-making: Empowering small-holder producers"***.

21: 00 CONFERENCE DINNER (casual smart)

SATURDAY (18th) – University of Deusto

09:00: PLENARY SESSION - Auditorium

Ethical dimensions in the social perception of agrofood biotechnology: a case for an inter-ethical approach

CHAIR: Prof. Dr. D. Johan de Tavernier (Belgium)

Speaker: Prof. Dr. Mr. Emilio MUÑOZ – Department of Biotechnology, CSIC (Spain)

09.45: COFFEE AT POSTERS

10:00 PARALEL SESSIONS

	<p><i>Ethics of bioenergy production</i></p> <p>Room: Auditorium Chair: A. Urruela Mora (Spain)</p>	<p><i>The role of ethical engagement and public participation in EU food governance</i></p> <p>Room: Conference Room Chair: H. Röckslinberg (Sweedden)</p>	<p><i>The role of biotechnology in food security and ethical and legal aspects of bioscience patenting</i></p> <p><i>General Questions on Animal Ethics</i> Room: 110 Chair: W. Cano (Mexico)</p>	<p><i>Ethical, legal and social issues concerning new systems, components and foodstuffs</i></p> <p>Room: 153 Chair: A. Libano Beristain (Spain)</p>
10'00	<p><i>Bioenergy and agricultural land use: Examining the framing of the ethical debate</i></p> <p>Gamborg, C.¹, Millar, K.² and Sandøe, P.¹</p> <p>¹ Danish Centre for Bioethics and Risk Assessment, Rolighedsvej. Denmark, ²Centre for Applied Bioethics. United Kingdom</p>	<p><i>Risk Perception, Food Governance and Socia Values: The Case of the Mad Cow Crisis.</i></p> <p>Ferrari, M. University of Trento, Italy</p>	<p><i>Ethical challenges of synthetic biology</i></p> <p>Engelhard, M. Europäische Akademie zur Erforschung von Folgen wissenschaftlich-technischer Entwicklungen - Germany</p>	<p><i>Towards food ethics in the mainstream</i></p> <p>Veronica Rubio BSCI, Business Social Compliance Initiative, Project Manager Food – Brussels, Belgium</p>
10'30	<p><i>Bioenergies: unveiling the ethos of the agrarian research</i></p> <p>De Lattre-Gasquet, M.¹, Vermersch, D.², Bursztyn, M.¹ and Duée, P.H.¹CIRAD. Paris, France, ²Agrocampus. Rennes, France³INRA. Paris, France.</p>	<p><i>Reducing meat consumption: Ethical arguments in the context of today's consumer society</i></p> <p>De Bakker, E.; Dagevos, H. LEI, Research unit Consumer and Behaviour. The Hague, Netherlands</p>	<p><i>The coexistence between the Cartagena protocol on biosafety and the WTO agreements: the key role of the precautionary principle</i></p> <p>Martinez Barrabes, M. University of Barcelona, Spain</p>	<p><i>Safe and socially robust development of nanofood through ISO standards?</i></p> <p>Forsberg, E. M. Work Research Institute – Oslo, Norway</p>
11'00	<p><i>Biomass production for energy usage in Bavaria: An ethical assessment with a case study comparison between rapeseed and sorghum</i></p> <p>Ch. Dürnberger¹, B. Formowitz², H. Grimm¹, A. Uhl², M. Zichy¹</p> <p>¹Institut TTN. Munich, Germany, ²Technologie- und Förderzentrum Straubing Germany</p>	<p><i>Sociable swine: engaging society into a sustainable pig breeding research programs that aim balanced improvement in productivity and welfare</i></p> <p>Benard, M.; De Cock Buning, T. VU University, Athena Institute. Amsterdam, Netherlands.</p>	<p><i>Do animals have less moral status?</i></p> <p>Visak, T. Utrecht University. Ethics Institute. Utrecht, Netherlands</p>	<p><i>Willingness to pay for farm animal welfare – consumers' motives and expectations analysed by the example of dairy cows in Germany</i></p> <p>Henseleit, M. University of Giessen, Institute of Agricultural Policy and Market Research – Giessen, Germany</p>

12.15: CLOSE OF CONFERENCE (Plenary at the *Conference Room*) and Announcement of next EurSafe Congress

12.30: EURSAFE GENERAL ASSEMBLY (Plenary at the *Conference Room*)

13.15 LUNCH

4.-EurSafe's Vonne Lund Student Award 2010

In 2009, the EurSafe Board established the **Vonne Lund Student Award** in memory of Dr Vonne Lund, who died from cancer in June of that year. She was a committed Member of EurSafe since the First Congress in Wageningen in 1999. Vonne was a dedicated researcher with a doctoral degree in animal husbandry agronomy and a deep personal interest in ethical issues and animal welfare, *“as well as person who contributed to making the world a better and more than just a place to live in”*.


The Prize is awarded to the student or students that present the most stimulating and high quality Poster or Paper at each EurSafe Congress. **Prize winners at the 9th EurSafe Congress** were:

- Tatjana Visak (Netherlands), ***Do animals have less moral status?*** (Best theatre presentation)
- Wendy Cano (Mexico), ***A bio-integrated model of food production and knowledge: a study case in Ciudad del Carmen, Mexico*** (Best poster)

5.- Congress Book

GLOBAL FOOD SECURITY: ETHICAL AND LEGAL CHALLENGES

Edited by: Carlos M. Romeo Casabona, Leire Escajedo San Epifanio and Aitziber Emaldi Ciri3n

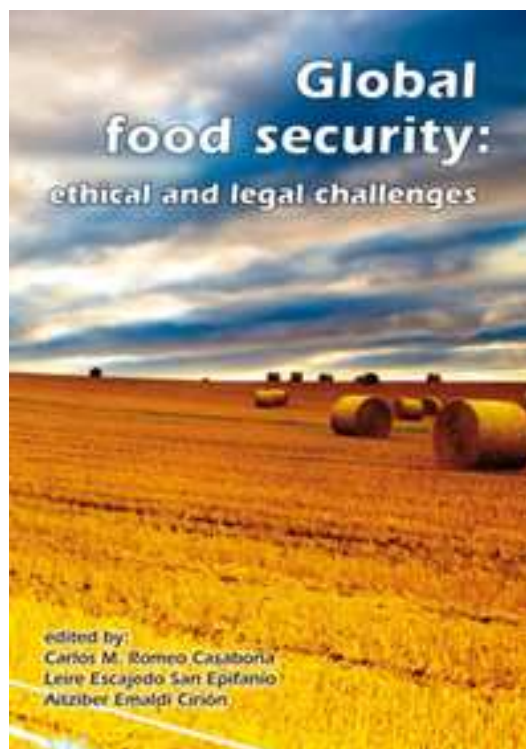
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Food security will exist when all people, at all times, have physical and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy life (as stated in the Rome Declaration in 1996).



Given the dimension of the current global food crisis, food security means adopting effective and specific actions at individual, household, national, regional and global levels.

Food security invites us to reflect upon ethical principles like human equity, justice between current and future generations, respect for human dignity and sustainable food production. We strive to maintain our basic ethical convictions and engage in societal debates about other important values. While we do this, we may have to change our ways of life and learn to create new priorities in the face of global responsibility. Science and technology are key tools to reach the Millenium Goals, providing both society and decision makers alike with relevant information and new options within an ethical framework. The contributions found in this publication bring together the perspectives of a diverse group of authors. Coming from the academic world, the public sector and non-governmental organisations (NGOs), they provide the latest views on 'Global food security: ethical and legal challenges'.

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<u>Name</u>	<u>Institution/ Country</u>
Aerts, Stef	Katholieke Hogeschool Sint-Lieven
Algers, Anne	Swedish University of Agricultural Sciences
Almaas, V.	University of Bergen
Anthony, Raymond	University of Alaska Anchorage
Armaza-Armaza , Emilio J.	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Atienza-Macías, Elena	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Ausín, Txetxu	INSTITUTE OF PHILOSOPHY, CCHS, CSIC
BENARD, Marianne	Athena Institute, Vrije Universiteit Amsterdam
Blázquez-Ruiz, F.Javier	University of Navarra, Spain
Bovenkerk, Bernice	Ethics Institute, Univ. of Utrecht
Bremer, Scott	Bergen University, Norway
Brochado Teixeira, Ana C.	Centro Universitário UNA. Belo Horizonte Brazil
Cano, Wendy	Department of Logic and Philosophy of Science, University of the Basque Country, Spain
Castro, Jover	Professor of State Ecclesiastical Law University of the Basque Country, Spain
Chavier, Natalie	
Clotet Ballus, Ramón	Triptolemos Foundation, Barcelona (spain)
Colomer Xena, Yvonne	Triptolemos Foundation, Barcelona (spain)
Cornale, Paolo	University of Torino, Dep. of Animal Science
Coutellec, Leo	INSA de Lyon, Villeurbanne, Cedex, France
De Bakker, Erik	LEI (Agricultural Economics Research Institute), The Hague
De Cock Buning, Tjard	VU-University, Amsterdam
De Lattre-Gasquet, Marie	CIRAD, Paris, France
De Lauwere, Carolien	LEI WAGENINGEN UR
De Miguel Beriain, Inigo	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
De Renobales, Mertxe	Department of Biochemistry, University of the Basque Country

De Tavernier, Johan	Center for Science, Technology and Ethics, Leuven
Díaz Mendez, Cecilia	Department of Sociology, University of Oviedo (Spain)
Dich, Trine	Faculty of Life Sciences, University of Copenhagen
Döring, Martin	FSP BIOGUM/FG MEDIZIN, UNIVERSITY OF HAMBURG
Doval, Antonio	Department of Criminal Law, University of Alicante, Spain
Driessen, Clemens P.G	Wageningen University, The Netherlands
Dürnberger, Christian	Institut TTN, München, Germany
Engelhard, M.	Europäische Akademie zur Erforschung und Beurteilung von Folgen wissenschaftlich-technischer Entwicklungen, Bad Neuenahr-Ahrweiler, Germany
Escajedo, L.eire	Department of Constitutional Law, University of the Basque Country (Spain)
Essien, Effiong	Eurogroup for Animals
Fernández Pacheco, Cristina	Lecturer of Criminal Law, University of Alicante, Spain
Ferrari, Mateo	Italy
Formowitz, Beate	Technologie- und Förderzentrum (TFZ; Technology and Support Centre in the Centre of Excellence for Renewable Resources)
Forsberg, Ellen M.	Work Research Institute, Norway
Franco Nuno, Henrique	IBMC, Portugal
Freire de Sa, M. Fatima	Bello Horizonte, Brazil
Fritz, M.	Technologie- und Förderzentrum (TFZ; Technology and Support Centre in the Centre of Excellence for Renewable Resources). Straubing, Germany
Frohlich, Xaq	Massachusetts Institute of Technology, USA
Galan Rojas, Aroa	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Gamborg, C.	Danish Centre for Bioethics
Gjerris, M.	Danish Centre for Bioethics and Risk Assessment Institute of Food and Resource Economics Faculty of Life Sciences University of Copenhagen
Gorrotxategi Azurmendi, M.	Department of Constitutional Law, University of the Basque Country, Spain
Gremen, Bart	Professor, Wageningen University

Hagen, Kristin	Europäische Akademie zur Erforschung und Beurteilung von Folgen wissenschaftlich-technischer Entwicklungen, Bad Neuenahr-Ahrweiler, Germany
Hansen, Tina	Faculty of Life Sciences, University of Copenhagen
Haugen, Arne S.;	University of Bergen, Norway
Heerwagen, L.	Danish Centre for Bioethics and Risk Assessment University of Copenhagen
Henseleit, Meike	University of Giessen, Germany
Huber, Reinhard C	IBMC Porto, Portugal
Jensen, Karsten Klint	Danish Center for Bioethics, Denmark
Jorqui, Maria	Researcher, Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Kaiser, Matthias	University of Bergen
Kallum, Carolina	Swedish University of Agricultural Sciences
Karlsson, F.	Uppsala University, Sweden
Kupsala, Sara	University of Eastern Finland
Landera Luri, Mercedes	Department of Public Law, University of the Basque Country
Lasa-López, A.	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Lassen, J.	University of Copenhagen
Libano, A.	Autonomous University of Barcelona
Loor, H.	Swedish University of Agricultural Sciences
López Calderón, I.	Department of Genetics. University of Sevilla, Spain
Lord, F.	Animal Sciences Department, Université Laval (Quebec, Canada)
Lund, T.B.	Danish Center for Bioethics, Denmark
Magalhães-Sant'ana, M.	IBMC - Institute for Molecular and Cell Biology
Martinez Barrabes, M.	Department of International Law and Economics. University of Barcelona, Spain
Martinez, I.	CSIC, Spain
Meijboom, F.L.B.	Utrecht University, Ethics Institute
Mejdell, Cecilie M	National Veterinary Institute, Oslo, Norway
Metz, Jos	Wageningen University
Millar, K.	School of Biosciences, University of Nottingham,

Myskja, B.K.	Norwegian University of Science and Technology
Myszczuk, A. P	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Neeteson-Van Nieuwenhoven, A.M	European Forum of Farm Animal Breeders (EFFAB), Wageningen, The Netherlands
Nicolás, P.	Inter-university Chair in Law and the Human Genome, Bilbao, Spain
Olsson, I.A.S.	IBMC - Portugal
Rebato, E.	Department of Genetics and Physical Anthropology, University of the Basque Country
Renna, M.	University of Torino, Dep. of Animal Science
Röcklinsberg, H.	Swedish University of Agricultural Sciences; Dept. of Animal Environment and Health; Ethics
Romeo Casabona, C. M.	Inter-university Chair in Law and the Human Genome, Bilbao, Spain (Director)
Rubio , V.	BUSINESS SOCIAL COMPLIANCE INITIATIVE, Brussels
Ruiz, R.	Neiker, Basque Institute of Research and Agricultural Development, Vitoria-Gasteiz, Spain
Sandøe, P	Danish Center for Bioethics, University of Copenhagen
Scherlink, Kristien	FAVV, Antwerpen, Belgium
Smith, Robert	School of Biosciences, University of Nottingham, Sutton Bonington Campus
Sodano, V.	University of Naples, Italy
Spruytte, M. R. K.	FAVV, Hamme, Belgium
Stafleu, F.R.	Frans R. Stafleu Universitair docent Ethiek Instituut Faculteit Geesteswetenschappen Universiteit Utrecht
Thompson, P.B.	Michigan State University, Department of Philosophy, USA
Timmermann, C.A	Wageningen University, Applied Philosophy / Centre for Society and Genomics
Tsioumanis, A.	Democritus University of Thrace, Greece
Urruela Mora, A.	Department of Criminal Law, University of Zaragoza (Spain)
Van der Linden, B.	
Van Der Weele, C. N.	LEI, Wageningen
Van Etten, F.	van Etten dierenarts, Loenhout, Belgium

Van Haperen, P. F.	Wageningen University and Research centre,
Van Outryve, J.	CWTE - Leuven, Belgium
Van Rij, Henry	Ministry of Agriculture, Nature and Food Quality, The Hague, The Netherlands
Van Spaendonck, K.	Dierenarts. FAVV, Mol, Belgium
Vandamme, R.J	Belgium
Vanuytven, Dirk	FAVV-DMO, Westerlo (Belgium)
Varga, O.E.	IBMC, Porto, Portugal
Villalba, Maite	Madrid, Spain
Vinnari, Markus	University of Eastern Finland, Faculty of Social Sciences and Business, Environmental Policy and Law
Visak, T.	Utrecht University, Ethics Institute
Voet, J.	FAVV, Dierenarts, Belgium
Wellens, V.	Belgium
Wickins-Drazilova, D.	Lancaster University, UK
Willemsen, A.	Federal Ethics Committee on Non-Human Biotechnology, Switzerland

7.- Organizing Committee

Inter-University Chair of the BBVA Foundation - Provincial Government of Biscay in Law and the Human Genome (University of Deusto and University of the Basque Country) – SPAIN.

- **Prof. Dr. iur Dr.med Dr hc mult Carlos María ROMEO CASABONA (Director)**, Director of the Inter-university Chair in Law and the Human Genome.

- **Prof. Dr. Leire ESCAJEDO SAN EPIFANIO (Coordinator)**, Department of Constitutional Law, University of the Basque Country.

- **Prof. Dr. Aitziber EMALDI CIRIÓN (Coordinator)**, Faculty of Law, University of Deusto, Spain

- **Dr. Pilar NICOLÁS JIMÉNEZ**

- **Dr. Iñigo DE MIGUEL BERIAÍN**

- **Dr. María JORQUI AZOFRA**

- **Dr. Ainhoa LASA LÓPEZ**

- **Emilio ARMAZA ARMAZA**

- **Aroa GALÁN ROJAS**

- **Elena ATIENZA MACIAS**

-Ana Paula MYSZCZUK