

EurSafe 2010

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

Organized by

Inter-University Chair in Law and the Human Genome
University of Deusto and University of the Basque Country

Venues

**Euskalduna Conference Hall and University of Deusto
Bilbao - Spain
16 - 18 September 2010**



Inter-University
Chair in
Law and the Human
Genome

Oral and Poster PRESENTATIONS

Please note that both oral and poster presentations
are marked with the following symbols:

T (Theatre)

P (Poster presentation)

TOPIC 01

CLIMATE CHANGE POLICIES AND FOOD SECURITY

T *Designing ethical strategies for global food security*

KAISER, M.

University of Bergen. Centre for the Study of the Sciences and the Humanities, Bergen, Norway.

T *Human Development and Food: A Global Vision*

CLOTET-BALLÚS, R. and COLOMER-XENA, Y.

Triptolemos Foundation, Barcelona, Spain.

T *Food system and climate change: the false premises of antitrust policy*

SODANO, V.

University of Naples Federico II, Agricultural Economics, Naples, Italy.

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

NARI-LLOVERAS, M.

University of La República, Nutrition School, Montevideo, Uruguay.

T *Taming the unruly side of Ethics: overcoming challenges of a bottom-up approach to Ethics in the areas of climate change and food security*

ANTHONY, R.

University of Alaska Anchorage, Philosophy, Anchorage, USA.

T *Precautionary principle and global food security*

URRUELA-MORA, A.¹ and LIBANO-BERISTAIN, A.²

¹University of Zaragoza, Department of Criminal Law, Philosophy of Law and History of Law, Zaragoza, Spain and Inter-University Chair in Law and the Human Genome; ²Autonomous University of Barcelona, Department of Private Law, Barcelona, Spain.

TOPIC 02

SUSTAINABLE AGRICULTURE AND AQUACULTURE FOR GLOBAL FOOD SECURITY

T *Ethical reflection on a practical proposal of sustainable poultry farming*

MEIJBOOM, F.L.B.

Utrecht University, Ethics Institute, Utrecht, Netherlands.

T *Behavioural change as a key to sustainable agriculture*

DE LAUWERE, C.C.; TEN PIERICK, E. and BEEKMAN, V.

LEI Wageningen UR, Agriculture and Entrepreneurship, Wageningen, Netherlands.

T *Balanced sustainable welfare friendly breeding*

NEETESON-VAN NIEUWENHOVEN, A.M.

European Forum of Farm Animal Breeders, Sustainable Farm Animal Breeding and Reproduction TP, Benedendorpsweg, Oosterbeek, Netherlands.

T *The use of certain transgenic seeds in a more sustainable organic agriculture*

DE RENOBLES, M.¹ and ESCAJEDO, L.²

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, Bilbao, Spain.

T *Nanotechnology and trust in aquaculture*

MYSKJA, B.K.

Norwegian University of Science and Technology NTNU, Department of Philosophy, Trondheim, Norway.

T *Benefits and costs of fish welfare interventions in European aquaculture*

MEJDELL, C.M.; DAMSGÅRD, B. and KADRI, S.

National Veterinary Institute, Oslo, Norway.

T *Food sovereignty, a right to life: the case of the Peruvian Andes*

HALLAZI-MENDEZ, L.

Autonomous University of Madrid, Madrid, Spain.

TOPIC 03

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

T *Sambucana sheep: ethical and socio-economical successful outcomes of a 20-years in situ preservation program*

CORNALE, P.^{1,2}; RENNA, M.¹; FORTINA, R.¹ and BATTAGLINI, L.M.¹

¹University of Torino, Animal Science, Grugliasco, Italy; ²University of Gastronomic Science, Bra, Italy.

T *The Latxa dairy sheep in the Basque Country: importance, challenges and opportunities for a traditional livestock activity*

RUIZ, R.; DÍEZ-UNQUERA, B.; BELTRÁN DE HEREDIA, I.; MANDALUNIZ, N.; ARRANZ, J. and UGARTE, E.

NEIKER, Animal Production, Vitoria-Gasteiz, Spain.

P *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 Acuaponia. Campeche, Mexico; ²Centro de Investigaciones sobre Desertificación, Ecología Vegetal. Valencia, Spain; ³Universidad del País Vasco, Lógica y Filosofía de la Ciencia, Donostia, Spain.

P *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, Bra, Italy.

P *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 GORDOA, J.C.¹; NÁJERA, A.I.¹; RUIZ, R.²; ALBISU, M.¹ and DE RENOBALLES, M.¹

¹University of the Basque Country UPV/EHU, Faculty of Pharmacy, Vitoria/Gasteiz, Spain; ²NEIKER Tecnalia, Vitoria-Gasteiz, Spain.

TOPIC 04

THE ROLE OF BIOTECHNOLOGY IN FOOD SECURITY AND ETHICAL AND LEGAL ASPECTS OF BIOSCIENCE PATENTING

T *Ethical challenges of synthetic biology*

ENGELHARD, M.

Europäische Akademie zur Erforschung von Folgen wissenschaftlich-technischer Entwicklungen - Bad Neuenahr, Ahrweiler, Germany.

T *Climate-ready GM Crops, Intellectual Property and Global Justice*

TIMMERMANN, C.A.^{1,2}; VAN DEN BELT, H.^{1,2} and KORTHALS, M.J.J.A.^{1,2}

¹Applied Philosophy Group, Department of Social Sciences, Wageningen University, Wageningen, Netherlands; ²Centre for Society and Genomics, Netherlands.

T *Transgenic livestock as contribution to global food security?*

HUBER, R.C.¹; SANDØE, P.²; WHITELAW, C.B.A.³ and OLSSON, I.A.S.¹

¹Institute for Molecular and Cell Biology - IBMC, Laboratory Animal Science, Porto, Portugal; ²Danish centre for Bioethics and Risk Assessment (CeBRA), University of Copenhagen, Denmark; ³The Roslin Institute, University of Edinburgh, Division of Developmental Biology, United Kingdom.

T *Communication and Biotechnology: a decade of misunderstandings*

FERNÁNDEZ-GUIRAL, E.F.G.

Spanish Agrofood Journalists Association, Madrid, Spain.

T *Networks, cultures and politics. What is going on with the transgenic maize in Mexico?*

CANO, W.

Logic and Philosophy of Science Department, University of the Basque Country UPV/EHU, San Sebastián, Spain.

TOPIC 05

EATING, NUTRITION AND HEALTH: ETHICAL AND LEGAL CONSIDERATIONS

T *Eating and Drinking: Challenges for Global Bioethics*

AUSÍN, T.

Institute of Philosophy, CCHS, Spanish National Research Council (CSIC), Madrid, Spain.

P *Dietary Disorders and Mental Health: a contemporaneous debate*

FREIRE DE SA, M. F.¹ and BROCHADO TEIXEIRA, A. C.²

¹Pontifical Catholic University of Minas Gerais; ²University Centre UNA, Belo Horizonte, Brazil.

T *Parental views on public-policy options regarding healthy eating*

WICKINS-DRAZILOVA, D. and WILLIAMS, G.

Lancaster University, Department of Philosophy, Lancaster, United Kingdom.

T *Conflicting Concerns in Fighting Obesity*

JENSEN, K.K.

University of Copenhagen, Danish Centre for Bioethics and Risk Assessment, Denmark.

T *Morbid Obesity in Children and the Law*

ROMEO-MALANDA, S. and NICOLÁS-JIMÉNEZ, P.

Inter-University Chair in Law and The Human Genome, Bilbao, Spain.

T *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.

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

POVEDA, A.; JELENKOVIC, A.; IBÁÑEZ, M.E. and REBATO, E.

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

T *Food policy and institutional conflict*

DÍAZ-MENDEZ, C.

University of Oviedo, Department of Sociology, Oviedo, Spain.

TOPIC 06

FOOD LABELLING AND CONSUMER PROTECTION

T *GMO, consumption and consumer vulnerability in Brazilian Consumer Law: the right to be duly informed.*

MYSCZUK, A. P. and GLITZ, F.

UNIBRASIL/QUIS, School of Law, Curitiba, Brazil.

T *Nutrient profiling: are Dairy products really unhealthy?*

ESCAJEDO, L.¹; ROCANDIO, A.M.² and DE RENOBALLES, M.³

¹University of the Basque Country - Department of Constitutional Law, Bilbao, Spain; ²University of the Basque Country - Pharmacy Faculty, Nutrition and Bromatology, Vitoria/Gasteiz, Spain; ³University of the Basque Country - Pharmacy Faculty, Biochemistry and Molecular Biology, Vitoria/Gasteiz, Spain.

T *Framing Omega-3: The politics of essential fatty acids in functional foods*

M. DÖRING¹ and S. STIRN²

¹University of Hamburg. FSP-BIOGUM/FG Medicine, Hamburg, Germany; ²FSP-BIOGUM, Biozentrum Klein Flottbek, Hamburg, Germany.

T *Certification and ethical standards in aquaculture*

HAUGEN, A.S.; ALMAAS, V. and KAISER, M.

University of Bergen, Centre for the Study of the Sciences and the Humanities, Bergen, Norway.

T *Buyer be-aware: The ethics of food labelling reform and 'mobilising the consumer'*

FROHLICH, X.

Massachusetts Institute of Technology, Program in Science, Technology and Society. Massachusetts, USA.

T *Seafood safety, authenticity and analytical methodologies to detect fraud*

SOTELO, C.¹; PÉREZ-MARTÍN, R.¹; AURSAND, M.²; YAMASHITA, Y.³ and MARTINEZ, I.¹

¹Institute of Marine Research CSIC, Food Technology, Vigo, Spain; ²SINTEF Fisheries and Aquaculture, Trondheim, Norway; ³National Research Institute of Fisheries Science, Food Biotechnology Section, Yokohama, Japan.

TOPIC 07

THE ROLE OF ETHICAL ENGAGEMENT AND PUBLIC PARTICIPATION IN EU FOOD GOVERNANCE

T *Food citizenship: is there a duty for responsible consumption?*

DE TAVERNIER, J.

Faculteit Godgeleerdheid/Faculty of Theology, Chair Theologische Ethiek/Theological Ethics, Leuven, Belgium.

T *Willingness to pay for farm animal welfare consumers' motives and expectations analysed by the example of dairy cows in Germany*

MEIKE, H

University of Giessen, Institute of Agricultural Policy and Market Research, Giessen, Germany.

T *The Role of NGOs in Food Security*

ESSIEN, E.

Eurogroup for Animals, Sustainable Food Chain & Corporate Social Responsibility (CSR), Brussels, Belgium.

T *Governance addressing societal values*

ALMAAS, V. and KAISER, M.

University of Bergen, Centre for the Study of the Sciences and the Humanities, Bergen, Norway.

VI

T *Reducing meat consumption: Ethical arguments in the context of today's consumer society*

DE BAKKER, E. and DAGEVOS, H.

LEI, Research unit Consumer and Behaviour The Hague, Netherlands.

T *Making sense of demands for the integration of ethics into the regulation of GMOs*

LORD, F. and LÉTOURNEAU, L.

Université Laval, Department of Animal Science, Laval, Canada.

T *Sociable swine: engaging society into a sustainable pig breeding research programs that aim balanced improvement in productivity and welfare*

BENARD, M. and DE COCK BUNING, T.

VU University, Athena Institute, Amsterdam, Netherlands.

TOPIC 08

ETHICS OF BIOENERGY PRODUCTION

T *Problems of Terminology in the debate on Sustainable Biofuels*

LANDEWEERD, L.; VAN-DER-VEEN, M. and OSSEWEIJER, P.

TU Delft Department of Biotechnology, Kluyver Centre for Genomics of Industrial fermentation, Delft, Netherlands.

T *Bioenergies: unveiling the ethos of the agrarian research*

DE LATTRE-GASQUET, M.¹; VERMERSCH, D.²; BURSZTYN, M.¹ and DUÉE, P.H.³

¹CIRAD, Paris, France; ²Agrocampus, Rennes, France; ³INRA, Paris, France.

T *Bioenergy and agricultural land use: Examining the framing of the ethical debate*

GAMBORG, C.¹; MILLAR, K.² and SANDØE, P.¹

¹University of Copenhagen, Danish Centre for Bioethics and Risk Assessment, Rolighedsvej, Denmark; ²University of Nottingham, Centre for Applied Bioethics, United Kingdom.

T *Biomass production for energy usage in Bavaria: An ethical assessment with a case study comparison between rapeseed and sorghum*

DÜRNBERGER, CH.¹; FORMOWITZ, B.²; GRIMM, H.¹; UHL, A.² and ZICHY, M.¹

¹Institut TTN (Institute Technology, Theology and Natural Sciences), Munich, Germany; ²Technologie und Förderzentrum Straubing (Technology and Support Centre in the Centre of Excellence for Renewable Resources [TFZ]), Straubing, Germany.

VII

TOPIC 09
ANIMAL WELFARE

T *Designing a computer game for pigs, to explore and redefine the interface between animal welfare, science and ethics*

DRIESSEN, C.P.G.¹; BRACKE, M.B.M.² and COPIER, M.³

¹Wageningen University, Applied Philosophy, Wageningen, Netherlands; ²Wageningen University and Research Centre, Livestock Research, Lelystad, Netherlands; ³Utrecht School of the Arts, Design for Playful Impact, Hilversum, Netherlands.

T *Specifying Animal Welfare Standards: Ethical Issues*

THOMPSON, P.B.

Michigan State University, Philosophy. East Lansing, MI, USA.

T *Animal welfare between individual and political responsibility*

HEERWAGEN, L.; SANDØE, P. and CHRISTENSEN, T.

University of Copenhagen. Institute of Food and Resource Economics. Denmark.

T *The ethical basis of using animals in agricultural production: consumer understandings*

VINNARI, M.V.; KUPSALA, S. and JOKINEN, P.

University of Eastern Finland. Environmental Policy and Law. Finland.

T *Farm Animals, Intersubjectivity, and Hermeneutics*

KARLSSON, F.

Uppsala University. Sweden.

T *Animal welfare regulations in the EU: a matter of ethics or a matter of human economic interest?*

LANDERA-LURI, M.

Faculty of Law, University of the Basque Country UPV/EHU, San Sebastian, Spain.

P *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.

VIII

TOPIC 10 ANIMAL BIOTECHNOLOGY

- T** *Transgenic animals, ethics boards and democracy*
RÖCKLINSBERG, H.
Centre for Theology and Religious Studies, Ethics, Lund, Sweden.
- T** *Is there more to life than welfare? How the concept of animal integrity can contribute to discussions of animal ethics*
GJERRIS, M. and GAMBORG, C.
University of Copenhagen, Faculty of Life Sciences, Denmark.
- T** *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-AZOFRA, M.
Inter-University Chair in Law and the Human Genome, Bilbao, Spain.
- T** *Transgenic animals: Spanish legislation*
EMALDI-CIRIÓN, A.
Inter-university Chair in Law and the Human Genome, Bilbao, Spain.

TOPIC 11 ANIMAL RESEARCH AND ANIMAL DISEASE CONTROL

- T** *Moral status of the African Catfish*
MEIJBOOM, F. and BOVENKERK, B.
University of Utrecht, Ethics Institute Utrecht, Netherlands.
- T** *"Why don't they just pull themselves together and eat less?" - Public perception of animal use in obesity research*
LUND, T.B.; LASSEN, J. and SANDØE, P.
Danish Centre for Bioethics, Faculty of Life Sciences Frederiksberg, Denmark.
- T** *Rite of passage to brute science with bias at the bench? Widening the ethical discussion of animalbased research*
OLSSON, I.A.S.¹⁻²; VARGA, O.E.¹⁻² and SANDØE, P.²
¹Institute for Molecular and Cell Biology - IBMC, Laboratory Animal Science, Porto, Portugal; ²University of Copenhagen, Faculty of Life Sciences, Danish Centre for Bioethics and Risk Assessment, Frederiksberg C, Denmark.

- T** *Assessing the benefit of animal experimentation*
VARGA, O.E.¹⁻²; SANDØE, P.² and OLSSON, I.A.S.¹⁻²
¹Institute for Molecular and Cell Biology - IBMC, Laboratory Animal Science, Porto, Portugal; ²Faculty of Life Sciences, University of Copenhagen, Danish Centre for Bioethics and Risk Assessment, Denmark.
- T** *Attempt to typologize relations between different worlds (human, animal, living) based on legal and ethical questions surrounding the status of GM fish*
COUTELLEC, L.¹ and DOUSSAN, I.²
¹INSA de Lyon, Les Humanités-STOICA, Villeurbanne, France; ²INRA, SAE2, CREDECO-Faculté de Droit. NICE, France.
- P** *Genomics and animal health: Use of animals in biomedical research*
JUGO, B.M.¹; LARRUSKAIN, A.¹; GARCIA-ETXEBARRIA, K.¹; MAZÓN, L.I.¹ and GORROTXATEGI-AZURMENDI, M.²
¹Genetics, Physical Anthropology and Animal Physiology Department of the University of the Basque Country UPV/EHU; ²Department of Constitutional Law, University of the Basque Country UPV/EHU. Bilbao, Spain.

TOPIC 12 GENERAL QUESTIONS ON ANIMAL ETHICS

- T** *Do animals have less moral status?*
VISAK, T.
Utrecht University. Ethics Institute. Utrecht, Netherlands.
- T** *Doing better. John Dewey's meliorism as a method for bringing animal ethics into agricultural practice*
GRIMM, H.
Institut TTN. Munich, Germany.
- T** *The Argument from Marginal Cases: A Response*
DE-MIGUEL-BERIAIN, I.
Inter-university Chair in Law and the Human Genome, Bilbao, Spain.

TOPIC 13 TEACHING ETHICS, ANIMAL WELFARE AND LAW FOR THE BIOSCIENCES AND AGRICULTURE

- T** *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
¹Institute for Molecular and Cell Biology - IBMC, Laboratory Animal Science, Porto, Portugal; ²Faculty of Life Sciences, University of Copenhagen, Danish Centre for Bioethics and Risk Assessment, Denmark; ³School of Biosciences, Centre for Applied Bioethics, University of Nottingham, United Kingdom.
- T** *Teaching veterinary ethics: Opportunities and challenges of an integrated approach*
MILLAR, K.; MOSSOP, L. and HOBSON-WEST, P.
School of Biosciences, Centre for Applied Bioethics, University of Nottingham, United Kingdom.
- T** *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
¹Swedish University of Agricultural Sciences, Food Sciences, Skara, Sweden; ²University of Bergen, The Centre for the Study of the Sciences and the Humanities, Bergen, Norway; ³Imcode Partner AB, Visby, Sweden; ⁴The Danish Meat Trade College, Roskilde, Denmark; ⁵University of Linköping, Health and Society, Linköping, Sweden.
- T** *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
¹Utrecht University, Ethics Institute, Utrecht, Netherlands; ²Ministry of Agriculture, Food, animal and consumers, Den Haag, Netherlands.
- P** *Transgenic foods: science, safety, legislation, and ethics*
DE RENOBALLES, 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.

P *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.

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

FRANCO, N.H.^{1,2}; NUNES, J.A.³ and OLSSON, I.A.S.¹

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.

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

GORROTXATEGI-AZURMENDI, M.

University of the Basque Country UPV/EHU, Department of Constitutional Law Bilbao, Spain.

TOPIC 14

ETHICS, FOOD POLICIES AND THE CASE OF GMO'S

T *Widening the perimeter economics, philosophy, ethics and the quest for vital questions*

TSIOUMANIS, A.

Democritus University of Thrace, Department of Agricultural Development, Thessaloniki, Greece.

T *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.

T *Redefining the EU Agricultural Policy under market constitutionalism: from protectionism to competitiveness*

LASA-LÓPEZ, A.

Inter-University Chair in Law and the Human Genome, Bilbao, Spain.

T *Shifting Schemes of Naturalness*

VAN HAPEREN, P.F.

Wageningen University and Research Centre, META Wageningen, Netherlands.

T *Ignored bioethics? On the role ethical concerns in GM food policies*

LASSEN, J.

Danish Centre for Bioethics and Risk Assessment, Department of Human Nutrition, University of Copenhagen - Friedriksberg C., Denmark.

TOPIC 15

ETHICAL, LEGAL AND SOCIAL ISSUES CONCERNING NEW SYSTEMS, COMPONENTS AND FOODSTUFFS

T *In vitro meat: promises and responses. Cooperation between science, social research and ethics*

VAN DER WEELE, C.N.

Wageningen UR, LEI Den Haag, Netherlands.

T *Legal and ethical challenges regarding edible in vitro meat production*

ARMAZA-ARMAZA, E.J.¹ and ARMAZA-GALDOS, J.²

¹Inter-University Chair in Law and the Human Genome, Bilbao, Spain; ²Catholic University of Santa Maria, School of Law - Department of Criminal Law, Arequipa, Peru.

T *Safe and socially robust development of nanofood through ISO standards?*

FORSBERG, E. M.

Work Research Institute, Oslo, Norway.

T *Towards food ethics in the mainstream*

RUBIO, V.

BSCI, Business Social Compliance Initiative, Project Manager Food Brussels, Belgium.

T *The farm-to-fork approach of Food Security concerning Chemicals (with special reference to REACH, a "new" European Community Regulation)*

ATIENZA-MACÍAS, E.

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CONGRESS ORGANISATION

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