

SCIENTIFIC MEETINGS AND OTHER ACTIVITIES

Oral presentations

2003

Grøsvik B.E. and A. Goksøyr (2003). Proteomics based methods to study environmental stress in fish and mussels. European Society for comparative Physiology and Biochemistry 22nd Conference: Biological Effects of Pollutants: The Role of Environmental Proteomics and Genomics. Alessandria, Italy 14-18 Dec. 2003. Abstr. no. 16. Invited speaker.

Kloas, W., Levy, G., Opitz, R., Bögi, C., Würtz, S., Oehlmann, J., Schulte-Oehlmann, U., van Ballegooy, C., Urbatzka, R., Jagnytsch, O., Lutz, I. (2003). Wirkungen endokrin wirksamer Stoffe auf aquatische Organismen. DECHEMA, Tutzing, Germany, 18.3.

Kloas, W., Lutz, I. (2003). Impact of endocrine disruptors on wildlife. Society of Toxicology, Antalya, Turkey, 1.11.

Kloas, W., Tooi, O., Kashiwagi, A., Oofusa, K., Yoshizato, K., Levy, G., Jagnytsch, O., Opitz, R., Urbatzka, R., van Ballegooy, C., Würtz, S., Lutz, I. (2003). Endocrine disruptors act on reproductive biology and thyroid system of amphibians. Low dose effects of endocrine disruptors, Berlin, 21.11.

Kloas, W. (2003). Amphibians as a model to study endocrine disruptors. Department of Zoology, University Stuttgart, Stuttgart, 2.10.

Kloas, W. (2003). Amphibians as model to study endocrine disruptors. University Zürich/RFP, Zürich, Schweiz, 15.5.

Kloas, W. (2003). Amphibians as model to study endocrine disruptors. University of Lausanne, Lausanne, Schweiz, 16.5.

Kloas, W. (2003). Biologie der Hormone. URANIA Berlin, Berlin, 25.3.

Kloas, W., Lutz, I. (2003). Comparison of endpoints concerning endocrine disruption in various species. CREDO cluster meeting - EU, London, United Kingdom, 10.4.

Kloas, W., Lutz, I. (2003). Endocrine disruptors and reproductive biology of amphibians. Environmental Protection Agency (EPA), Duluth, USA, 24.6.

Kloas, W. (2003). Reproductive biology and endocrine disruption of amphibians. Organisation for Economic Cooperation and Development (OECD), Duluth, USA, 26.6.

Kloas, W. (2003). Amphibians as model to assess endocrine disruptors. GSF Neuherberg, München, 14.7.

Kloas, W., Lutz, I. (2003). Stellen endokrin wirksame Stoffe in der Umwelt (endocrine disruptors) eine Gefahr für Amphibien dar? Naturschutz Bund Deutschland - Herpetologie, Berlin, 4.2.

Kloas, W., Lutz, I. (2003). Amphibien als Modell zum Nachweis von "endocrine disruptors". Technische Universität Dresden, Institute of Hydrobiology, Dresden, 16.1.

2004

T Ghafourian, MTD Cronin (2004). *The impact of variable selection on the modelling of oestrogenicity* Oral Presentation at the 11th International Workshop on QSAR in the Human Health and Environmental Sciences, Liverpool, 9-13th May 2004.

Goksøyr A. (2004). Endocrine disrupters in the marine environment: mechanisms of toxicity and their influence on reproductive processes in fish. 17th European Drug Metabolism Workshop, Antalya, Turkey, October 4-8, 2004. Invited speaker.

Kloas, W., Knopf, K., Lutz, I., Steinberg, C. (2004). Multiple stressors: cyanotoxins plus POPs - potential impacts on endocrine and on immune systems of aquatic vertebrates. workshop for introducing a bilateral graduate college, Wuhan, China, 14.9. - 16.9.

Kloas, W., Lutz, I.: Welche (2004). Wirkungen können Arzneimittel in der aquatischen Umwelt hervorrufen? Workshop "Arzneimittel in der Umwelt" Umweltbundesamt, Berlin, Germany, 29.9. - 30.9.

Kloas, W. (2004). Endokrin wirksame Stoffe (endocrine disruptors) in der Umwelt - eine Gefahr für Mensch und/oder Tier? Biologisches Kolloquium, Humboldt University, Berlin, Germany, 15.6.

Kloas, W. (2004). Test activities in the aquatic compartment - assessment of effects of endocrine disrupters (ED) in amphibians. Akademie Fresenius "endocrine disruptors", Cologne, Germany, 22.6. - 23.6.

Kloas, W., Lutz, I. (2004). Amphibians as model to study endocrine disruption. Wildlife International Ltd., Easton, USA, 11.10.

Kloas, W. (2004). Endocrine disruptors (ED) (hormonell wirksame Stoffe) in der Umwelt - Amphibien als Studienmodell für ED mit Wirkungen auf die Reproduktionsbiologie - . Biochemisches Kolloquium/FU Berlin, Berlin, Germany, 19.11.

Kloas, W., Lutz, I. (2004). Potential impact of endocrine disruptors on sexual differentiation. Workshop: EPA, Syngenta on effects on sexual differentiation in amphibians, Wildlife International Ltd., Easton, USA, 14.10.

Kloas, W., Lutz, I. (2004). Hormonell wirksame Stoffe (endocrine disruptors) in der Umwelt - eine Gefahr für Mensch und Tier? Projekttag Marie-Curie-Gymnasium Ludwigsfelde, Ludwigsfelde, Germany, 4.11.

Kloas, W., Opitz, R., Lutz, I. (2004). Amphibian metamorphosis as model to study endocrine disruption. Thyroid testing by using amphibian metamorphosis as a model (OECD-meeting), Hiroshima, Japan, 10.3.

Kloas, W., Lutz, I. (2004). Impacts of endocrine disruptors on sexual differentiation. Syngenta meeting at Wildlife International Ltd., Easton, USA, 4.6.

Kloas, W. (2004). Endocrine disruption in amphibians. Gordon Research Conference 2004 "Endocrine disruptors", Sawyer-College, Baltimore, USA, 7.6. - 10.6.

Kloas, W. (2004). Hormonell wirksame Stoffe (endocrine disruptors) in der Umwelt - eine Gefahr für Mensch und Tier? Evangelische Kirchengemeinde Marzahn, Berlin, Germany, 22.1.

Kloas, W. (2004). Hormone - Botenstoffe und Steuerungsinstrumente des Körpers: Neue Erkenntnisse aus der Forschung. URANIA, Berlin, Germany, 11.2.

Tolfsen, C.C. L.V. Sundbäck, A. Goksøyr and B.E. Grøsvik (2004). The EASYRING project: Detection of new biomarkers for endocrine disrupting compounds in fish and frog. Annual meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan 29-Feb 1 2004.

2005

Goksøyr A. (2005). Utilizing marine compounds in environmental and food safety diagnostic applications. BIOPROSP 2004 Symposium on Marine Bioprospecting. Tromsø Oct. 13-14, 2005. Invited speaker.

Goksøyr A. (2005). Endocrine disrupters in the marine environment: mechanisms of toxicity and their influence on reproductive processes in fish. Environmental Toxicology Symposium, Oslo, Norway, Oct. 19-20, 2005. Invited speaker.

Goksøyr A. (2005). Mechanisms of endocrine disruption in fish. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005. Invited speaker.

Grøsvik BE, CC Tolfsen, LV Sundbäck, T Søfteland, M Blø, A Böhne Kjersem and A Goksøyr (2005). Proteomics based methods to study environmental stress and endocrine disruption in fish. National Proteomics Conference, Bergen, 18-19 May-2005. Platform.

Kloas W. (2005). Endocrine disruption in amphibians. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005. Invited speaker.

Kloas, W.(2005). Amphibien als Modellorganismen zum Nachweis von endokrin wirksamen Stoffen mit Wirkung auf Reproduktion und Schilddrüsensystem. 3. UBA-Statusseminar, Berlin, 1.-2- Juni 2005.

Kloas, W. (2005). Amphibians as model organisms for endocrine disruptors affecting reproduction and thyroid system – developmental aspects. European Congress of Endocrinology, Göteborg, 3rd-7th September 2005.

Mandich A. (2005). Messa a punto di un sistema non invasivo per la rilevazione di "biomarker" di interferenti endocrini". Workshop: Gli interferenti endocrini ambientali, Ozzano Emilia (Bologna), 17-18 October, 2005.

Mandich A. (2005). Easyring: development of a non-invasive test method for the detection of vitellogenin in plasma and mucus samples. Workshop: Impact of Chemicals on Environmental and Organismic health (associated to the last SENS-PESTI Meeting) , Parma 23-24 October, 2005. Invited speaker.

Tolfsen CC, Sundbäck LV, Søfteland T, Urbatzka R, Viganò L, Kloas W, Benfenati E., Goksøyr A, Grøsvik BE. (2005). A study of protein patterns in tissues of carp and frogs exposed to endocrine disrupting compounds. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 36. Oral communication.

Tolfsen CC, LV Sundbäck, T Søfteland, R Urbatzka, L Viganò, W Kloas, A Mandich, A Goksøyr and BE Grøsvik. Proteome studies of carp and frog exposed to endocrine disrupting compounds. 13th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 13), Alessandria, Italy, 19-22 June 2005. Platform.

2006

Tolfsen CC, LV Sundbäck, T Søfteland, R Urbatzka, S Maggioni, L Viganó, A Mandich, W Kloas, E Benfenati, A Goksøyr and BE Grøsvik (2006). Proteome studies of carp and frog exposed to endocrine disrupting compounds. Annual meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, 27-29 January 2006. Platform.

Posters

2004

Bottero S., Cevasco A., Massari A., Pedemonte F., Mandich A. (2004) EASYRING: messa a punto di un sistema non invasivo per la rapida misurazione di nuovi ed esistenti biomarker di EDs. Società Italiana di Tossicologia della Riproduzione (SITOR) "Ambiente e Riproduzione" Chieti 2-3 Aprile 2004 – 27

Bottero S., Cevasco A., Massari A., Pedemonte F., Bertolotti R., Viganò L. and Mandich A. (2004) Effects of (anti)estrogenic and (anti)androgenic prototype chemicals on carp reproductive activity CREDO CLUSTER WORKSHOP "Ecological Relevance of Chemically-Induced Endocrine Disruption in Wildlife – University of Exeter, United Kingdom 5-7TH July 2004

Bottero S., Cevasco A., Monteverde M., Pedemonte F., Bertolotti R., Viganò L., Mandich A., Massari A. (2004) *In vivo* and *in vitro* exposures of carps to graded concentrations of endocrine disrupting chemicals. 22th Upsala (Sweden) CECE 24-28TH August 2004, 18

Cronin, M.T.D., and Ghafourian, T. (2004). Development of structure-based methods for the prediction of endocrine disruption CREDO CLUSTER WORKSHOP "Ecological Relevance of Chemically-Induced Endocrine Disruption in Wildlife – University of Exeter, United Kingdom 5-7TH July 2004

Cronin, M.T.D., and Ghafourian, T. (2004). The significance of molecular shape in the prediction of the oestrogenic effects of environmental pollutants CREDO CLUSTER WORKSHOP "Ecological Relevance of Chemically-Induced Endocrine Disruption in Wildlife – University of Exeter, United Kingdom 5-7TH July 2004

Fratev F., Roncaglioni A., Benfenati E., Gustafsson J.Å. (2004). "Studies on estrogen receptor: species and subtypes differences" Congress QSAR 2004 (11th International Workshop on Quantitative Structure-Activity Relationships in the Human Health and Environmental Sciences, 9th-13th May 2004, Liverpool, UK)

Ghafourian T, Cronin MTD. (2004). The Impact of Variable Selection on the Modelling of Oestrogenicity. Oral Presentation at the 11th International Workshop on Quantitative Structure-Activity Relationships in the Human Health and Environmental Sciences, Liverpool, 9-13 May 2004.

Ghafourian T, Cronin MTD (2004). QSAR Modelling of the Oestrogenic Activities of a Diverse Set of Chemicals Determined in a Reporter Gene Assay: Comparison With Receptor Binding Affinities. Poster Presentation at the 13th European Symposium of Quantitative Structure-Activity Relationships (EuroQSAR), Istanbul, September 2004.

T Ghafourian, MTD Cronin. Hierarchical PLS modelling of the oestrogenicity of a large diverse set of chemicals: comparison with the classical PLS approach. Poster presented at the 16th European Symposium on QSAR and Molecular Modelling, 5-10 September 2004, Istanbul, Turkey.

Kovatcheva A, Ghafourian T, Cronin MTD (2004). The Role of Computational Modelling in the Prediction of Potential Oestrogenic Substances. Poster presented at the Society of Chemical Industry Meeting "Environmental and Human Health Effects of Endocrine Disrupting Chemicals". Society of Chemical Industry, London, 30th November 2004.

Mandich A. Benfenati E., Cronin, M.T.D., Goksøyr A., Grøsvik B.E., K W., Van Cauwenberg A., Viganò L. (2004). Environmental agent susceptibility assessment using existing and novel biomarkers as rapid non-invasive testing methods Abstracts for the 22nd Conference of European Comparative Endocrinologists, 24-28 August 2004, Uppsala Svezia, 62.

Monteverde M., Bottero S., Cevasco A., Massari A., Pedemonte F., Mandich A. (2004) Partial cloning of P450arom mRNA. In the carp (*Cyprinus carpio*) 5th International Symposium of Fish Endocrinology - Castellon (Spain) 5-9TH September 2004, P196

Puzzi C., Bottero S., Cevasco A., Massari A., Monteverde M., Pedemonte F., Bertolotti R., Viganò L., Mandich A. (2004) Fish community characterization in two sites upstream and downstream the lambro river confluence with the Po river. 22th CECE Upsala (Sweden) 24-28TH August 2004, 80

Urbatzka R., Kloas W., Benfenati E., Bertolotti R., Bottero S., van Cauwenberge A., Goksøyr A., Martinez M.P., Porazzi E., Tolfsen C., Viganò L., Mandich A. (2004). Identification of endocrine disrupting chemicals from a polluted river (Lambro) in Italy using bioassays and chemical analysis CREDO CLUSTER WORKSHOP "Ecological Relevance of Chemically-Induced Endocrine Disruption in Wildlife – University of Exeter, United Kingdom 5-7TH July 2004

Van Cauwenberge, A., Viganò, L., Goksøyr, A., Grøsvik, B.E., Tolfsen, C.C (2004). *In vitro* studies with MVLN cells: Effects of water and sediment extracts from the river Lambro, Italy. CREDO CLUSTER WORKSHOP "Ecological Relevance of Chemically-Induced Endocrine Disruption in Wildlife – University of Exeter, United Kingdom 5-7TH July 2004

2005

Benfenati E., Viganò L., Porazzi E., Maggioni S., Caraglia I. (2005). "Un problema di crescente attualità: la determinazione di modificatori endocrini in acque superficiali" ; Le Tre Giornate del Controllo Ambientale, April 20-22, 2005, Centro Congressi Palazzo delle Stelline, Corso Magenta 61, Milano, Italia

Borjani E., Spreafico M., Novič M., Benfenati E. (2005). "Modeling of Binding Affinities of Ligands to Estrogen E_{α} and Estrogen E_{β} Receptors" ; 14th International Symposium "Spectroscopy in Theory and Practice", April 10-13, 2005 Nova Gorica, Slovenia

Eidem J.K., Saramäki M. & Goksøyr A. (2005) Development of a lateral flow immunoassay for rapid, non-destructive screening of endocrine disruption in carp (*Cyprinus carpio* L.). Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005. Poster.

Fratev F, Spreafico M, Roncaglioni A., Borjani B, Benfenati E, Cronin MTD. 3D-QSAR and docking studies for the screening of estrogen receptor binding. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 78.

Kovatcheva A, Ghafourian T, Benfenati E, Roncaglioni A, Cronin MTD (2005). Development of a Novel Database Suitable for the Computational Modelling of the Effects of Endocrine Disrupters. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 81

Kovatcheva A., Cronin M. T. D. (2005). Use of QSAR in the early stage of endogen disruption. Poster presented at the Society of Chemical Industry Meeting: In Silico ADMET: Design of bioactive compounds, 8-9 June 2005, London, UK.

Kovatcheva A., Benfenati E., Roncaglioni A. and Cronin M.T.D. (2005). 3D-Quantitative Structure-Activity Relationships (3D-QSARs) to Predict Binding to the Human Oestrogen Receptors α and β : Use in Risk Assessment. 5th World Congress on Alternatives & Animal Use in the Life Sciences. 21-25 August 2005, Berlin, Germany.

Massari A., Bottero S., Cevasco A., Monteverde M., Pedemonte F., Benfenati E., Porazzi E., Bertolotti R., Viganò L., Mandich A. (2005) Sex steroid and vitellogenin plasma levels in carp larvae exposed to "environmental" mixture and sediments of the Po river (Italy). Credo workshop on endocrine disrupters 11-12 May 2005 Prague Czech Republic.

Massari A., Bottero S., Cevasco A., Monteverde M., Pedemonte F., Mandich A. (2005) Partial cloning of DMRT1 mRNA in carp (*Cyprinus carpio*) 15th annual meeting SETAC 22-26 May 2005 Lille France

Porazzi E, Maggioni S, Caraglia I, Roncaglioni A, Benfenati E, Viganò A. Identification of endocrine disrupting chemicals from a polluted river (Lambro) in Italy using chemical analysis. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 79.

Sundbäck LV, Tølfesen CC, Viganò L, Goksøyr A, Grøsvik BE. Proteome studies of plasma from common carp (*Cyprinus carpio*) exposed to 17 α -ethynylestradiol. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 73.

Sundbäck LV, CC Tølfesen, L Viganò, A Goksøyr, BE Grøsvik (2005). Proteome studies of plasma from common carp (*Cyprinus carpio* L.) exposed to 17 α -ethynylestradiol. 13th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 13), Alessandria, Italy, 19-22 June 2005.

Søfteland T, Tølfesen CC, Viganò L, Goksøyr A, Grøsvik BE. Proteomic analysis of liver from ethynylestradiol (EE2) exposed common carp (*Cyprinus carpio*). Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 77.

Søfteland T, CC Tølfesen, L Viganò, R Urbatzka, W Kloas, A Goksøyr, BE Grøsvik (2005). Proteomic analysis of liver from ethynylestradiol (EE2) and tamoxifen exposed common carp (*Cyprinus carpio* L.) and African clawed frog (*Xenopus laevis*). 13th International Symposium on Pollutant Responses in Marine Organisms (PRIMO 13), Alessandria, Italy, 19-22 June 2005.

Urbatzka R, Kloas W, Benfenati E, Bertolotti R, Bottero S, Van Cauwenberge A, Goksøyr A, Grøsvik BE, Martinez MP, Porazzi E, Tølfesen C, Viganò L, Mandich A. (2005). Detection and identification of endocrine disrupting chemicals in water and sediment from the river Lambro, Italy. Annual Meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan. 27-29, 2005, 80.

Viganò L., Benfenati E., Bertolotti R., Mandich A., Porazzi E. (2005). Potential for dietary uptake of estrogens via macroinvertebrates in River Po fish. Pollutant Responses in Marine Organisms (PRIMO), 13 International Symposium, Alessandria 19-22 June, Book of Abstracts n 184, p. 123.

2006

Tølfesen, C.C. L.V. Sundbäck, A. Goksøyr and B.E. Grøsvik (2006). The EASYRING project: Detection of new biomarkers for endocrine disrupting compounds in fish and frog. Annual meeting of the Norwegian Society of Pharmacology and Toxicology, Beitostølen, Norway, Jan 29 Feb 1 2006. Platform.

Scientific papers

2004

Benfenati E., Porazzi E., Pardo Martinez M. (2004) Organic contaminants in leachates from industrial waste landfills. The Handbook of Environmental Chemistry, Editors: D. Barceló, Springer-Verlag GmbH, volume 51, pp 71-97.

T Ghafourian, MTD Cronin (2004) Endocrine disrupting chemicals in the environment. *Outlooks on Pest Management* 15: 211-214.

T Ghafourian, MTD Cronin (2004) Comparison of electro topological-state indices versus atomic charge and superdelocalisability indices in a QSAR study of receptor binding properties of halogenated estradiol derivatives. *Molecular Diversity* 8: 343-355.

T Ghafourian, MTD Cronin (2004) QSAR modelling of the oestrogenic activities of a diverse set of chemicals determined in a reporter gene assay: comparison with receptor binding affinities. Submitted to *Journal of Molecular Structure (Theochem)*.

Nilsen BM, Berg K, Eidem JK, Kristiansen SI, Brion F, Porcher JM, Goksøyr A. (2004) Development of quantitative vitellogenin-ELISAs for fish test species used in endocrine disruptor screening. *Anal Bioanal Chem.* 378:621-33

2005

Bottero S., Cevasco A., Monteverde M., Pedemonte F., Bertolotti R., Viganò L., Mandich A., Massari A. (2005) *In vivo* and *in vitro* exposures of carps to graded concentrations of endocrine disrupting chemicals. *N.Y. Acad. Sci.* 234-238.

Demyttenaere-Kovatcheva A, Cronin MTD, Benfenati E., Roncaglioni A., LoPiparo E. (2005) Identification of the structural requirements of the receptor-binding affinity of diphenolic azoles to ER α and ER β receptors by 3D-QSAR and SAR analysis. *Journal of Medicinal Chemistry* 48: 7628-7636

Ghafourian T, Cronin MTD (2005) The impact of variable selection on the modelling of oestrogenicity. *SAR and QSAR in Environmental Research* 16:171-190.

Mandich A. Benfenati E., Cronin, M.T.D., Goksøyr A., Grøsvik B.E., K W., Van Cauwenberg A., Viganò L. (2005). Environmental agent susceptibility assessment using existing and novel biomarkers as rapid non-invasive testing methods, *N.Y. Acad. Sci.* 381-386.

Marini F., Roncaglioni A., Novič M. (2005). Variable selection and interpretation in structure-affinity correlation modeling of estrogen receptor binders. *J. Chem. Inf. Model.*, 45 (6), 1507 - 1519

Puzzi C., Bottero S., Cevasco A., Massari A., Monteverde M., Pedemonte F., Bertolotti R., Viganò L., Mandich A. (2005) Fish community characterization in two sites upstream and downstream the lambro river confluence with the Po river. *N.Y. Acad. Sci.*, 439-443.

Urbatzka R., Lutz I., Opitz R., Kloas W. (in press). Luteinizing hormone, follicle stimulating hormone, and gonadotropin releasing hormone mRNA expression of *Xenopus laevis* in response to endocrine disrupting compounds affecting reproductive biology. *General and Comparative Endocrinology*, PMID: 16330033.

2006

T Ghafourian, MTD Cronin. The Effect of Variable Selection on Counter-Propagation Neural Network Modelling of Oestrogen Receptor Binding. Submitted to *QSAR and Combinatorial Science*

Viganò L., Mandich A., Benfenati E., Bertolotti R., Bottero S., Porazzi E., Agradi A. (2006). Investigating the estrogenic risk along the Po River and its intermediate section. *Archives of Environmental Contamination and Toxicology*, *in press*

Published abstract

Kovatcheva A, Benfenati E, Roncaglioni A, Cronin MTD (2005) 3D-quantitative structure-activity relationships (3D-QSARs) to predict binding to the human oestrogen receptors α and β : use in risk assessment. *Alternatives to Animal Experimentation.* 22 (Suppl) 284

Scientific activities

Two schools were attended by PhD students of P8 on topics related to endocrine disrupters. In these occasions some posters were presented by the students on the work they have done within the Easyring project:

- Summer School on endocrinology: Nuclear Receptors, Endocrine Disruptors and Metabolic Effects. 25th - 29th July 2004, Monastery Mehrerau, Bregenz, Austria.

M. Spreafico, A. Roncaglioni, E. Boriani:

“Application of virtual docking methodologies on estrogen receptor”

- CASCADE Summer School on Nuclear Hormone Receptors. 13th – 17th September 2004, Ecole Normale Supérieure de Lyon, Lyon, France. A. Roncaglioni, M. Spreafico, E. Boriani, E. Benfenati, M. Novič:

“In silico tools for the screening of oestrogen receptor binding affinity”

E. Boriani, M. Spreafico, A. Roncaglioni, M. Novič, E. Benfenati:

“Artificial neural networks: prediction of binding affinity for oestrogen receptor”

- Salute del bambino e sicurezza alimentare: analisi del rischio di agenti chimici e fattori associati a stili di vita. 22-23 giugno 2005 Istituto Superiore di sanità, Roma.

- Since other EC funded projects deal with the endocrine disruption theme we decided to enforce link with other projects related to the use of *in silico* tools to investigate EDs. This will permit to enlarge the groups working in this field and to coordinate their efforts to avoid repetitions. Basically strong connection is now establish with the CASCADE NoE (FOOD-CT-2004-506319) and with the Marie Curie Host Training Site in Ljubjiana, Slovenia (HPMT-CT-2001-00240).