

**CURRICULUM VITAE**  
**BART STAELS, Ph.D.**

**1. GENERAL INFORMATION**

- Name: Bart STAELS
- Date & Place of birth: August 20 1961, Ukkel, Belgium
- Nationality: Belgian
- Civil State: Married to Marleen Van D'Huynslager
- Children: Vincent (° May 17 1994), Emily (° Januari 31 1997)
- Titles: Pharmacist; Doctor of Philosophy (Ph.D.); Professor
- Military service:
- Officer (Lt.) of the Belgian Army, Medical Service (1985-1986)

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- Professional address:
  - Unité 545 Inserm, Département d'Athérosclérose
  - Institut Pasteur de Lille
  - 1 rue du Professeur Calmette
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**2. FUNCTIONS & FELLOWSHIPS**

Previous functions:

- Research Fellow (Dr.G.Verhoeven) at the *Laboratorium voor Experimentele Geneeskunde en Endocrinologie* (LEGENDO), Katholieke Universiteit Leuven, Belgium (1985-1989)
- Research assistant of the *Belgian Foundation for Scientific Research* (NFWO/FNRS) (1989-1991)
- Fellow of the *D.Collen Research Foundation* (1991-1993)
- Postdoctoral Research Fellow (Dr.W.L.Miller) at the *Metabolic Research Unit*, University of California, San Francisco, USA (1991-1992)
- Postdoctoral Research Fellow (*Chercheur*) of the *Reverse Cholesterol Transport/Atherosclerosis Project, BioAvenir* (Rhône-Poulenc Rorer), Vitry sur Seine, France (1993)
- Research Associate at the *Département d'Athérosclérose* (Prof. J.-C.Fruchart), Institut Pasteur de Lille, France (1994)
- Chargé de recherche de 1ère classe at the C.N.R.S. (1994-1998)

Present functions:

- Full professor, 1<sup>st</sup> Class, Faculty of Pharmacie, University of Lille II, Lille, France

- Research group leader in the *Département d'Athérosclérose* (Dir.: Prof. J.-C.Fruchart), Institut Pasteur de Lille, France
- Member of the Scientific Council of the Institut Pasteur de Lille (2003-)

### 3. EDUCATION

#### A. Scientific Education:

<u>Subject</u>	<u>School &amp; Address</u>	<u>Dates attended</u>	<u>Results</u>
Secondary education (lat-math)	St-Jozefscollege St-Pieters-Woluwe Belgium	1973-1979	
Lic. in Pharmac. Sciences	Institute for Pharmaceutical Sciences, Univ. of Leuven, Belgium	1979-1984	Magna cum laude
Certif. in Biotechnol.	Univ. of Leuven, Belgium	1984-1985	Magna cum laude
Doctor of Philosophy	Institute for Pharmaceutical Sciences, Univ. of Leuven, Belgium	1986-1991	Summa cum laude
Habilitation à diriger des recherches	Fac. de Pharmacie Université de Lille II Droit et Santé	9-4-1997	

#### B. Knowledge of Languages:

Mother tongue: Dutch

Knowledge of:

English: 6 year course at secondary school

1 month course at Scarborough, England (1975)

1 month course at Wimbledon, London, England(1977)

French : 9 year course at primary and high school

Second language in Belgium

German : 3 year course at high school

Spanish: 1 month course at Leuven Language Learning, Catholic Univ. Leuven

### 4. MEMBERSHIP OF LEARNED SOCIETIES

- Member of the Belgian Lipid Club
- Member of the European Atherosclerosis Society
- Member of the 'Association pour les Etudes sur les Peroxysomes en Biologie' (AEP-BIO)

- Member of the 'American Heart Association' and the Council on Arteriosclerosis, Thrombosis and Vascular Biology.
- Full member of the 'Endocrine Society' (1998-2004)
- Member of the American Diabetes Association (ADA)
- Member of the American Society for Biochemistry and Molecular Biology (2003-2004)
- Member of the 'Nouvelle Société Française d'Athérosclérose' Board

## 5. GRANTS, AWARDS & SCIENTIFIC PRIZES

- Merck Sharp & Dohme Award of the Belgian Lipid Club 1988-1989 (500 000 BF) on '*Regulation of Apolipoprotein, Hepatic Triglyceride Lipase and LDL-Receptor Gene Expression*'.
- Recipient of a Contrat de Recherche (70 000 FF) from ARCOL (Comité Français de Coordination des Recherches sur l'Athérosclérose et le Cholestérol) 1993
- Recipient of a grant "Aides à l'implantation de nouvelles équipes" (300 000 FF) from La Fondation pour la Recherche Médicale 1994
- Recipient of a Bourse d'Aide à la Recherche (60 000 FF) from Laboratoires Fournier 1994
- Coordinator of a Contrat Est/Ouest INSERM (350 000 FF) entitled "Régulation hépatique des gènes du métabolisme des lipoprotéines" 1995-1997.
- Young Investigator Award (800 USD) of the European Atherosclerosis Society, 66th Congress of the European Atherosclerosis Society, Florence, July 15, 1996
- Médaille de bronze du CNRS (Bronze Medal of the CNRS), 1996
- "The Original Spa Water 1998" award, 1998 (30000 ECU)
- ISI French Citation Laureate 1981-1998
- Special Prize of the « Société des Sciences, de l'Agriculture et des Arts de Lille », 15 October 2005

## 6. REVIEWER FOR INTERNATIONAL JOURNALS

Arterioscler Thromb Vasc Biol, Atherosclerosis, Bioch Biophys Acta, Biochem Biophys Res Commun, Biochem J, Biochem Pharmacol, Blood, BMC Pharmacol, Circ Res, Circulation, Clinical Science, Diabetes, Diabetologia, Drugs , Endocrinology, Eur J Clin Invest, Eur J Biochem, Eur J Immunol, Exp Opin Invest Drugs, Febs Lett, J Cardiovasc Pharmacol, J Clin Invest, J Immunol, J Lipid Res (Associate Editor), J Mol Endocrinol (Associate Editor), J Neurochem, J Pharmacol Expt Ther, Mol Cell, Proteomics, Mol Cell Biol, Mol Cell Proteomics, Mol Endocrinol, Nature, Nature Med, Science, Soc Biol

And Granting agencies : Wellcome Trust, Nederlandse Hart Stichting, Nederlands Diabetes Fonds, Arthritis Research Campaign

## 7. SCIENTIFIC ANIMATIONS

- Participation in European Contracts (Mafaps, Biomed Lipases, Diabesity, EVGN, Hepadip, X-Tra-net)
- Organization of Congresses (PPARs Florence, Italy (2003), and Monaco, France (2005) - Organizing Committee; IAS Paris & Kyoto International Advisory Board; European Lipoprotein Club Annual Meetings; Soc. Française d'Athérosclérose Annual meetings; Member of the organizing committee 'DB Brown Research Chair on Obesity' Laval University Quebec, Canada)

- Member of Directory Boards (Société Française d'Athérosclérose, European Lipoprotein Club 1999-2003); Member of the CSS n° 8 Inserm (2001-2002); Member of the FASEB Directory Board; Member of the Editorial Board of the Journal of Molecular Endocrinology and of the Journal of Lipid Research (July 1<sup>st</sup> 2003 - June 30, 2005).
- Contributor to The Sigma-RBI Handbook of Receptor Classification and Signal Transduction – 4<sup>th</sup> Edition, 2001.
- Co-editor of the Book “Peroxisome Proliferator Activated Receptors : From basic science to clinical applications” – Giovanni Lorenzini Medical Foundation – Kluwer Academic Publishers 2002 - Vol 18.
- Founding Member of Genfit S.A., Member of the Genfit Advisory Board (Lille, France)
- Member of the Pasteur Institute Scientific Council (2004)
- Member of the Scientific Board of the Leem Research Council – Paris, France (2004-2005)

## 8. PATENT authorships

- ✓ Patent n° WO0078986 published 2000-12-28 “Regulation system of expression using nuclear PPAR receptors”.
- ✓ Patent n° WO0216638 published 2002-02-28 “Method fo identifying substances useful for treating inflammation using the response element to the I kappa B alpha ROR receptor”
- ✓ Patent n° FR2755699 published 2002-10-03 regarding novel constructs and novel vectors for the targeted and inducible expression of genes (requested patent n° WO9821349).
- ✓ Patent n° WO0360106 published 2003-07-24 “Method and device for identifying substances capable of modulating adipocyte differentiation
- ✓ Patent n° WO02063038 published 2004-06-17 “Method for identifying compounds modulating reverse cholesterol transport

## 9. PARTICIPATION IN THESIS PRESENTATIONS

- Examineur; Thèse de Doctorat Label Européen de l'Université de Lille II de K.Schoonjans (20-6-1995). Title: "Rôle du PPAR dans la régulation génique par les fibrates et les acides gras: conséquences fonctionnelles sur le métabolisme des lipides et des lipoprotéines."
- Rapporteur; Thèse de Doctorat de l'Université Henri Poincaré-Nancy I de M.El Yaagoubi (7-7-1995). Title: "Régulation de l'expression de la gamma- $\gamma$ lutamyltransférase. Importance de la méthylation de l'ADN et des régions 5' non traduites de ses ARNm."
- Examineur; Thèse de Doctorat en Sciences de la Vie et de la Santé de l'Université de Sciences et Technologies de Lille de R.Saladin (14-2-1996). Title: "Régulation de gènes impliqués dans l'athérosclérose et l'obésité : Rôle des facteurs nutritionnels, hormonaux et pharmacologiques sur la régulation des gènes de l'apolipoprotéine A-I, du PPAR $\alpha$  et de l'ob."
- Examineur; Thèse de Doctorat en Sciences de l'Université Paris XI Orsay de L.Berthou (2-7-1996). Title: "Approche Pharmacologique de la Régulation de l'Expression des Gènes des Principales Apolipoprotéines Constitutives des Lipoprotéines de Haute Densité."
- Thesis Director - Université - Lille II, 6 avril 1998 G. Martin. Title : « Régulation de l'apport des acides gras et du cholestérol dans les cellules. Isolement et caractérisation du gène humain codant

pour la protéine de transport des acides gras, FATP. Expression et régulation de CLA-1, récepteur des HDL ».

- Rapporteur; Thèse de Doctorat de l'Univ.de Rotterdam, Pays-Bas, de B.Neve (15-5-1998). Title : "Hepatic lipase: Regulation at the Post-transcriptional Level."
- Rapporteur; Thèse de Doctorat de l'Univ.de Leiden, Pays-Bas, de D.Neele (11-1998). Title : "Regulation of apolipoprotein(a) and apolipoprotein A-I synthesis."
- Thèse de Doctorat de l'Université - Lille II, 30 novembre 1998, A.M. Lefebvre. Title : « Rôle des activateurs du récepteur activé par les proliférateurs des peroxysomes gamma (PPAR $\gamma$ ) dans les métabolismes du tissu adipeux et du colon ».
- Rapporteur; Thèse de Doctorat de l'Université des Sciences et Technologies de Lille I de F.Leprêtre (4-1999). Title : "Etude génétique du diabète non insulino-dépendant chez une population d'Indiens Tamils de Pondichery."
- Thèse de Doctorat de l'Université - Lille II, 26 avril 1999, N. Hennuyer Title : « Les récepteurs nucléaires et le métabolisme lipidique. Effets des PPAR et de RXR ».
- Examineur; Thèse de Doctorat en Sciences de l'Université des Sciences et Technologies de Lille I de S.Delannoy (21-09-99). Title : "Fonction et localisation subcellulaire du récepteur nucléaire Rev-erb alpha."
- Examineur ; Thèse de Doctorat de l'Université de Lille II, G.F.Gbaguidi (06-1999). Title : « Etude des différences structurales entre les isoformes de l'apolipoprotéine CIII et de leur impact sur l'inhibition de l'activité enzymatique de la LPL. Régulation de l'expression des gènes de la LPL et du CLA-1/SR-BI par les activateurs des PPARs et les lipoprotéines dans les macrophages et les lésions athérosclérotiques ».
- Examineur; Thèse pour le Diplôme d'Etat de Docteur en Pharmacie de l'Univ. d'Amiens de E.del Alamo (5-07-99). Title : "Mise en évidence et étude des différents transcrits d'un nouveau gène à homéobox, Lsx."
- Examineur ; Thèse de Doctorat de l'Université de Leiden, Pays-Bas, M.Kockx (28-10-1999). Title : « Regulatory aspects of fibrinogen and plasminogen activator inhibitor-1. Gene regulation. Role of the peroxisome proliferator activated receptor ».
- Examineur; Thèse de Doctorat en Sciences Pharmaceutiques et Biologiques de l'Université de Lille II de P.Gervois (01-03-2000). Title : « Peroxisome proliferator-activated receptor  $\alpha$  : Modulation de son activité transcriptionnelle, rôle dans la régulation négative de l'expression de l'apolipoprotéine A-I et du fibrinogène par les fibrates ».
- Examineur ; Ph.D. Thesis, Univ. Gand, Belgium, K.De Bosscher (23-03-2000). Title : « Onderzoek naar het mechanisme van Genrepressie door Glucocorticoïden ».
- Rapporteur ; Habilitation à Diriger des Recherches F.Trottein (02-05-2000) - Université des sciences et technologies de Lille I. Titre : "Bases immunologiques des relations hôte/parasite au cours de la schistosomiase".
- Thèse de Doctorat de l'Université - Lille II, 3 octobre 2000, P. Delerive. Title : « PPARs et transrépression : mécanismes moléculaires et conséquences physiopathologiques ».

- Examineur ; PhD.Thesis, Univ. Sciences Pharmaceutiques Lille II, A.Pilon (07-12-2000). Title : « Le SR-BI, récepteur des HDL : ligands et régulation dans une lignée de cellules surrénales humaines ».
- Examineur ; PhD.Thesis, Dpt of Medical Nutrition, Karolinska Institute-Stockholm, Sweden, J. Liden (12-12-00). Title : Repression of transcription factor NF-kB by glucocorticoids ».
- Habilitation à Diriger des Recherches, Université des Sciences et Technologies de Lille I, Corine Glineur (14-03-2001) « Etudes des modifications post-traductionnelles de différentes protéines ».
- Examineur ; PhD Thesis, University of Maastricht, The Netherlands, KAJM Van Der Lee (21-03-2001) « Fatty acid-mediated gene expression in the cardiac muscle ».
- Examineur; Habilitation à Diriger des Recherches, Université Claude Bernard de Lyon 1, Jean-Marc Vanacker (02/05/2001) “Fonctions des récepteurs nucléaires orphelins ERR”.
- Examineur; PhD Thesis, University of Lille2, Christophe Furman (03-05-2001) “Protection des cellules endothéliales exposées à un stress oxydant par les polyphénols et les activateurs du PPAR $\alpha$  »
- Thesis Director; PhD Thesis, University of Lille2, Ines Pineda-Torra (18-06-2001) “Role of PPAR $\alpha$  in human metabolic diseases : genetic studies and regulation of PPAR $\alpha$  expression”.
- Examineur; PhD Thesis, University of Paris 7 UFR Lariboisière, Paris, France. Sandrine Besnard (21/12/2001) “Expression et fonctions de ROR $\alpha$  dans le système vasculaire »
- Habilitation à Diriger des Recherches, Université des Sciences et Technologies de Lille I, Giulia Chinetti (08-01-2002) « Etude du rôle des PPAR (Peroxisome Proliferator-Activated Receptors) dans l’homéostasie du cholestérol des macrophages ».
- Examineur ; PhD Thesis, University Pierre et Marie Cuire Paris VI (Physiopathologie Cellulaire et Moléculaire), Wilfried Le Goff (10-12-2002) « Regulation de l’expression du gène de la protéine de transfert des esters de cholestérol (CETP) : caractérisation d’éléments distaux contrôlant l’activité du promoteur ».
- Directeur de Mémoire ; DES de Pharmacie spécialisée et Diplôme d’Etat de Docteur en Pharmacie, Virginie Bocher (08-01-2003) « Les récepteurs nucléaires LXR $\alpha$  et LXR $\beta$ : implications dans l’athérosclérose ».
- Thesis Director ; PhD Thesis, University of Lille II, Thierry Claudel (13-06-2003) “Role du récepteur nucléaire FXR dans le métabolisme lipidique ».
- Thesis Director ; PhD Thesis, University of Lille II, Hélène Duez (01-07-2003) “Rôle des récepteurs nucléaires PPAR $\alpha$  et Rev-erb $\alpha$  dans le métabolisme des lipids et lipoproteins, et le développement de l’athérosclérose.
- Rapporteur ; PhD Thesis, Université Paris VI, Soazig LeLay (19-09-2003) « Role des facteurs de transcription SREBP dans le métabolisme adipocytaire : Implication de SREBP-1c dans la réponse à l’insuline et activation de SREBP-2 au cours de l’obésité.
- Rapporteur ; PhD Thesis, Université de Bourgogne, Thomas Gautier (17-10-2003) « Identification et caractérisation de l’inhibiteur physiologique de la protéine de transfert des esters de cholestérol (CETP) chez l’homme.
- Examineur ; PhD Thesis, University of Lille II, Christophe Blanquart (05/12/2003) « Etude des modifications post traductionnelles du PPARalpha et de leurs conséquences sur les fonctions biologiques de ce récepteur nucléaire »

- Rapporteur ; PhD Thesis, University of Bourgogne, Jean-François Landrier (17/12/2003) « I-BABP et L-FABP : Portrait croisé de deux protéines à la recherche de leur fonction »
- Rapporteur; PhD Thesis, Université Paris XI, Caroline Chauvet (29/06/2004) « Etude du rôle du récepteur nucléaire RORalpha : analyse des effets de l'hypoxie sur l'expression du gène Rora et recherche de gènes cibles de RORalpha dans le foie »
- Examineur; PhD Thesis, University of Rotterdam, Jessica Lie (15/09/2004) TITRE
- Rapporteur, PhD Thesis, University of Toulouse III, Sébastien Jacquet (23/09/2004) « HDL, ATP synthase, récepteur nucléotidique P2Y<sub>13</sub> = un trio de choc contre l'athérosclérose ? »
- Examineur, PhD Thesis, University of Lille II, Patrick Gelé (28/09/2004) « TITRE »
- President, PhD Thesis, University of Lille II, Audrey Sirvent (02/11/2004) « Le récepteur nucléaire FXR : identification de nouveaux gènes cibles impliqués dans le contrôle du métabolisme lipidique et étude de l'effet de la phosphorylation sur son activité »
- Thesis Director, PhD Thesis, University of Lille II, Daniel Duran-Sandoval (25/11/2004) « Rôle du récepteur nucléaire FXR dans le métabolisme glucidique : une fonction potentielle dans le diabète de type 2 et dans l'adaptation métabolique du foie »
- Thesis Director, PhD Thesis, University of Lille II, Caroline Duval (08/03/2005) « Etude du récepteur nucléaire PPARalpha in vivo par recombinaison homologue »
- Rapporteur, PhD Thesis, University of Paris VII, Renaud Dentin (02/02/2006) « Rôle du facteur de transcription ChREBP dans la régulation transcriptionnelle par le glucose des gènes de la glycolyse et de la lipogenèse dans le foie. Implication dans la physiopathologie de l'obésité et/ou du diabète de type 2. »
- Director, HDR, University of Lille II, Philippe Gervois (07/04/2006)

## 8. PUBLICATIONS

### ORIGINAL PAPERS

1. Staels B., Auwerx J., Chan L., van Tol A., Rosseneu M., Verhoeven G.: Influence of development, oestrogens and food intake on apolipoprotein A-I, A-II and E mRNA in rat liver and intestine. *J.Lipid Res.* 1989;**30**:1137-1145
2. Staels B., Jansen H., van Tol A., Stahnke G., Will H., Verhoeven G., Auwerx J.: Development, food intake, and ethinylestradiol influence hepatic triglyceride lipase and LDL-receptor mRNA levels in rats. *J.Lipid Res.* 1990;**31**:1211-1218
3. Staels B., van Tol A., Verhoeven G., Auwerx J. Apolipoprotein A-IV messenger ribonucleic acid abundance is regulated in a tissue-specific manner. *Endocrinology* 1990;**126**:2153-2163
4. Auwerx J., Staels B., Sassone-Corsi P.: Coupled and uncoupled induction of fos and jun transcription by different second messengers in cells of hematopoietic origin. *Nucl. Acids Res.* 1990;**18**:221-228
5. Staels B., van Tol A., Chan L., Will H., Verhoeven G., Auwerx J.: Alterations in thyroid status modulate apolipoprotein, hepatic triglyceride lipase, and low density lipoprotein receptor in rats. *Endocrinology*, 1990;**127**:1144-1152

6. de Groot R.P., Auwerx J., Karperien M., Staels B., Kruijer W.: Activation of jun B by PKC and PKA signal transduction through a novel cis-acting element. *Nucl. Acids Res.*, 1991;**19**:775-781
7. Staels B., van Tol A., Chan L., Verhoeven G., Auwerx J.: Variable effects of different corticosteroids on plasma lipids, apolipoproteins, and hepatic apolipoprotein mRNA levels in rats. *Arterioscler. Thromb.*, 1991;**11**:760-769
8. Staels B., van Tol A., Jansen H., Auwerx J.: The effects of probucol on lipoprotein metabolism in the rat. *Biochim.Biophys.Acta*, 1991;**1085**:131-135
9. Staels B., Demacker P.N.M., Stalenhoef A.F.H., Auwerx J.: Increased removal of  $\beta$ -very low density lipoproteins after ethinylestradiol is associated with increased mRNA levels for hepatic lipase, lipoprotein lipase and the low density lipoprotein receptor in Watanabe Heritable Hyperlipidemic rabbits. *Arterioscler. Thromb.*, 1991;**11**:1652-1659
10. Staels B., Peinado-Onsurbe J., Auwerx J.: Down-regulation of hepatic lipase gene expression and activity by fenofibrate. *Biochim.Biophys.Acta*, 1992;**1123**:227-230
11. Auwerx J., Staels B., Van Vaeck F., Ceuppens J.L.: Changes in IgG Fc receptor expression induced by phorbol 12-myristate 13-acetate treatment of THP-1 monocytic leukemia cells. *Leukemia Res.*, 1992;**16**:317-327
12. Staels B., van Tol A., Andreu T., Auwerx J.: Fibrates influence the expression of genes involved in lipoprotein metabolism in a tissue-selective manner in the rat. *Arterioscler. Thromb.*, 1992;**12**:286-294
13. Staels B., van Tol A., Skretting G., Auwerx J.: Lecithin:cholesterol acyltransferase gene expression is regulated in a tissue-selective manner by fibrates. *J.Lipid Res.*, 1992;**33**:727-735
14. Staels B., Peinado-Onsurbe J., Deeb S., Ramirez I., Llobera M., Auwerx J.: Neonatal extinction of liver lipoprotein lipase expression. *Biochim.Biophys.Acta*, 1992;**1131**:281-286
15. Staels B., Auwerx J.: Perturbation of developmental gene expression in rat liver by fibric acid derivatives: lipoprotein lipase and  $\alpha$ -fetoprotein as models. *Development*, 1992;**115**:1035-1043
16. Peinado-Onsurbe J., Staels B., Deeb S., Auwerx J.: Lipoprotein lipase expression in undifferentiated hepatoma cells is regulated by progesterone and protein kinase A. *Biochemistry*, 1992;**31**:10121-10128
17. Jansen H., van Tol A., Skretting G., Auwerx J., Staels B.: Opposite regulation of hepatic lipase and lecithin:cholesterol acyltransferase by glucocorticoids in rats. *Biochim.Biophys.Acta*, 1992;**1128**:181-185
18. Staels B., Hum D.W., Miller W.L.: Regulation of steroidogenesis in NCI-H295 cells: a cellular model of the human fetal adrenal. *Mol. Endocrinol.*, 1993;**7**:423-433
19. Hum D.W., Staels B., Black S.M., Miller W.L.: Basal transcriptional activity and cyclic adenosine 3',5'-monophosphate responsiveness of the human cytochrome P450scs promoter transfected into MA-10 Leydig cells. *Endocrinology*, 1993;**132**:546-552
20. Bristow J., Gitelman S.E., Tee M.K., Staels B., Miller W.L.: Abundant adrenal-specific transcription of the human P450c21A "pseudogene". *J.Biol.Chem.*, 1993;**268**:12919-12924



21. Schoonjans K., Staels B., Grimaldi P., Auwerx J.: Acyl-CoA synthetase mRNA expression is controlled by fibric-acid derivatives, feeding, and liver proliferation. *Eur. J. Biochem.*, 1993;**216**:615-622
22. Schoonjans K., Staels B., Devos P., Szpirer J., Szpirer C., Deeb S., Verhoeven G., Auwerx J.: Developmental extinction of liver lipoprotein lipase mRNA expression might be regulated by an NF-1 like site. *FEBS Lett.*, 1993;**329**:89-95
23. Hoogerbrugge N., Jansen H., Staels B., Seip M.J.E., Birkenhäger J.C.: Growth hormone normalizes hepatic lipase in hypothyroid rat liver. *Metabolism*, 1993;**42**:669-671
24. Peinado-Onsurbe J., Staels B., Vanderschueren D., Bouillon R., Auwerx J.: Effects of sex steroids on hepatic and lipoprotein lipase mRNA and activity in the rat. *Hormone Res.*, 1993;**40**:184-188
25. Staels B., Lemberger T., Saladin R., Desvergne B., Auwerx J., Wahli W.: Regulation of the peroxisome proliferator activated receptor  $\alpha$  gene by glucocorticoids. *J.Biol.Chem.*, 1994;**269**:24527-24530
26. Staels B., Berthou L., Saldicco I., Toutain H., Foster M., Fruchart J.-C., Denèfle P., Branellec D.: Opposite in vitro and in vivo regulation of hepatic apo A-I gene expression by retinoic acid. Absence of effects on apo A-II gene expression. *Arterioscler.Thromb.*, 1994;**14**:1657-1664
27. Vu-Dac N., Schoonjans K., Laine B., Fruchart J.-C., Auwerx J., Staels B.: Negative regulation of the human apolipoprotein A-I promoter by fibrates can be attenuated by the interaction of the Peroxisome Proliferator Activated Receptor with its response element. *J.Biol.Chem.*, 1994;**269**:31012-31018
28. Staels B., Vu-Dac N., Kosykh V., Fruchart J.-C., Dallongeville J., Auwerx J.: Fibrates down-regulate apolipoprotein C-III expression by a mechanism independent of peroxisomal enzyme induction. A potential mechanism for the hypolipidemic action of fibrates. *J.Clin.Invest.*, 1995;**95**:705-712
29. Berthou L., Saladin R., Yaqoob P., Branellec D., Calder P., Fruchart J.-C., Denèfle P., Auwerx J., Staels B.: Regulation of rat liver apolipoprotein A-I, apolipoprotein A-II and acyl-CoA oxidase gene expression by fibrates and dietary fatty acids. *Eur.J.Biochem.* 1995;**232**:179-187
30. Vu-Dac N., Schoonjans K., Kosykh V., Dallongeville J., Fruchart J.-C., Staels B., Auwerx J.: Fibrates increase human apolipoprotein A-II expression through activation of the peroxisome proliferator-activated receptor. *J.Clin.Invest.* 1995;**96**:741-750
31. Staels B., Mehlum A., Duverger N., Tailleux A., Castro G., Fievet C., Luc G., Olivecrona G., Skretting G., Auwerx J., Prydz H.: Tissue specific expression of the human gene for lecithin : cholesterol acyltransferase in transgenic mice alters blood lipids, lipoproteins and lipases towards a less atherogenic profile. *Eur.J.Biochem.*, 1995;**230**:567-575
32. Schoonjans K., Watanabe M., Suzuki H., Mahfoudi A., Krey G., Wahli W., Grimaldi P., Staels B., Yamamoto T., Auwerx J.: Induction of the Acyl-Coenzyme A synthetase gene by fibrates and fatty acids is mediated by a peroxisome proliferator response element in the C promoter. *J.Biol.Chem.* 1995;**33**:19269-19276
33. De Vos P., Saladin R., Auwerx J., Staels B.: Induction of *ob* gene expression by corticosteroids is accompanied by body weight loss and reduced food intake. *J.Biol.Chem.* 1995;**270**:15958-15961

34. Geffroy S., DeVos P., Staels B., Duban B., Auwerx J., de Martinville B.: Localization of the human *ob* gene to chromosome 7q32 by fluorescence in situ hybridization. *Genomics* 1995;**28**:603-604
35. Saladin R., De Vos P., Staels B., Auwerx J.: Transient increase in *obese* gene expression after food intake or insulin administration. *Nature* 1995;**377**:527-529
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## INVITED LECTURES

1. "Transcriptional control of triglyceride metabolism: fibrates regulate the LPL and apo C-III genes through the nuclear receptor PPAR"; Euroconférences 95, Contribution de la Biologie Moléculaire à la Découverte de Médicaments, Prés.G.Feuerstein & E.-E.Baulieu, avril 6 1995, Institut Pasteur, Paris, France
2. "Régulation des gènes du métabolisme des lipoprotéines par les fibrates: rôle du facteur de transcription PPAR"; july 7 1995, Centre du Médicament, U.R.A.597 (G.Siest), Faculté des Sciences Pharmaceutiques et Biologiques, Université Henri Poincaré-Nancy I, Nancy, France
3. "Fatty acids as transcriptional regulators of genes involved in lipoprotein metabolism"; International Symposium " $\omega$ -3, Lipoproteins and Atherosclerosis"; 13-15/10/95, Granada, Spain
4. "Regulation of genes involved in lipoprotein metabolism by fibrates: role of the transcription factor PPAR"; november 17 1995, Department of Atherosclerosis Pharmacology (R.Newton), Parke-Davis, Ann Arbor, MI, USA
5. "Nutritional and pharmacological control of genes involved in lipoprotein metabolism: role of the transcription factor PPAR"; january 4 1996, Department of Cardiovascular Pharmacology (G.Feuerstein), Smith-Kline Beecham R&D, Philadelphia, PA, U.S.A.
6. "Regulation of lipoprotein lipase expression"; april 27 1996, Round Table on Chylomicron Catabolism - Lipases and Receptors (U.Beisiegel), Hamburg, Germany
7. "Gene-environment interactions: pharmacological and nutritional control of apo A-I and A-II gene regulation"; september 29-october 3 1996, IX Colloque International de Pont-à-Mousson Eurobiologie (K.Berg), France
8. "PPARs et métabolisme des lipides et lipoprotéines"; november 8 1996, DEA Microbiologie, Enzymologie et Nutrition (Module Interactions Cellulaires et Moléculaires) (M.Dauca), Univ. de Nancy I
9. "Régulation de la leptine. Différenciation de l'adipocyte"; november 28 1996; DU de Nutrition Humaine de Diététique et de Diététique Thérapeutique (Module de Physiologie de la Nutrition) (O.Ziegler), Faculté de Médecine de Nancy
10. "Role of PPAR in the regulation of high density lipoprotein metabolism"; Euroconférences 96, Nouvelles perspectives sur l'athérosclérose, Prés.J.C.Fruchart & P.Denèfle, december 6 1996, Institut Pasteur, Paris, France
11. "Nutritional regulation of genes"; december 11 1996; Karolinska Institute (F.Karpe), Stockholm, Sweden
12. "Rôle des PPARs dans la régulation des gènes du métabolisme des lipides et des lipoprotéines"; Séminaire URA CNRS 1283 (P.Benlian), february 11 1997, Paris, France
13. "Régulation par des facteurs nutritionnels et pharmacologiques de l'expression des gènes des apolipoprotéines"; DEA de Nutrition et Sciences des Aliments (Option Nutrition: Aspects métaboliques, cellulaires et moléculaires) (A.Mazur), Univ. Blaise Pascal & Univ. d'Auvergne, march 14 1997, Saint Genès Champanelle, France
14. "PPAR system - implications for therapy of mixed lipaemia"; march 18 1997, British Hyperlipidemia Association International Workshop Mixed Lipaemia, Royal College of Physicians, London
15. "Regulation of apo A-I gene expression by fibrates"; Plenary Session, may 8 1997, 68th Meeting of the European Atherosclerosis Society on Molecular Cell Biology & Atherogenesis, Brugge, Belgium
16. "Biologie moléculaire de la différenciation adipocytaire"; le 9 may 1997, IXème Séminaire Pédagogique, Association Nationale des Professeurs et Maîtres de Conférences Biochimistes des Facultés de Médecine de France (Prof.H.H.Floch), 7-10 may 1997, Port aux Rocs - Le Croisic, France
17. "Control of apo A-I and apo A-II gene expression"; october 4 1997, XIth International Symposium on Atherosclerosis Satellite Symposium: Reverse Cholesterol Transport (J.C.Fruchart & H.B.Brewer), Lille
18. "Identification and characterization of a human PPAR $\alpha$  splice variant with recessive negative activity"; october 13 1997, 9th International CBT Symposium on Nuclear Steroid and Orphan Receptors, Huddinge, Sweden
19. "PPARs: mediators of fibrate action on lipoprotein metabolism"; Symposium on Molecular mechanisms in lipid and lipoprotein metabolism, 25th Silver Jubilee Meeting of FEBS, july 5-10, 1998, Copenhagen, Denmark
20. "Système d'expression inductible: application à la thérapie génique"; november 18 1997, Journées Scientifiques Bio Avenir 1997, Paris, France
21. "PPARs: regulators of lipid and lipoprotein metabolism"; Seminar Dept. Molecular Biology, Univ. Gent (G.Haegeman), december 15 1997, Gent, Belgium
22. "PPARs et métabolisme des lipoprotéines"; Club des Jeunes Lipidologues, november 1997, Lille, France
23. "Fibrates: acides gras 'frauduleux' qui régulent le métabolisme des lipoprotéines par le récepteur nucléaire PPAR"; Symposium Albert Calmette, Institut Pasteur de Lille, januari 13 1998, Lille, France
24. "PPARs"; Assemblée Générale du Club des Jeunes Lipidologues, january 16 1998, Dijon, France
25. "Transcription factor genes controlling high density lipoprotein metabolism"; 1er Mini-Colloque International 'Facteurs de Transcription et Régulation de l'Expression des Gènes comme Cibles Thérapeutiques', januari 30 1998, Luxembourg, Luxembourg
26. "PPARs and atherosclerosis"; february 20 1998, Division of Cardiovascular Genetics, The Rayne Institute, London
27. "Transcription factor genes controlling high density lipoprotein metabolism"; Union de Sociétés Suisses de Biologie Expérimentale, march 5-6 1998, Lausanne, Switzerland
28. "PPARs and atherosclerosis"; march 11 1998, British Hyperlipidemia Association Workshop 'Transport Mechanisms in Lipid and Lipoprotein Metabolism', Royal College of Surgeons, London
29. "PPARs and atherosclerosis"; march 27 1998, Division of Endocrinology and Diabetes, Vanderbilt University Medical Center, Nashville, USA
30. "Rôle des facteurs nucléaires dans l'athérosclérose"; april 23 1998, Dynamique Cardiocirculatoire - Biologie de la Paroi Vasculaire, INSERM U.141, Hôp. Lariboisière, Paris



31. "PPARs: regulators of lipid metabolism and inflammation with a function at the vascular wall"; 70th Congress of the European Atherosclerosis Society, September 6-9, 1998, Geneva, Switzerland
32. "Hormonal and Pharmacological Regulation of Apolipoprotein Gene Expression"; september 21 1998, Biochimie Cardiovasculaire, Synthelabo Recherche, Paris, France
33. "Fibrates: hypolipidemic drugs with an action at the vascular wall" september 28-october 1 1998, 21st European Lipoprotein Club Meeting, Tutzing, Germany
34. "Mechanism of action of fenofibrate" october 2 1998, XI Congreso Nacional de la Sociedad Espanola de Atherosclerosis, Cadiz, Spain
35. "Regulations of lipid metabolism by PPARs"; Symposium: Insuline-resistentie, dyslipidemie en hart- en vaatziekten. October 9 1998, Academisch Ziekenhuis Groningen, The Netherlands
36. "Molecular mechanisms of action of omega-3 fatty acids" Consensus symposium 'Atherothrombosis and Triglycerides' october 29 1998, Paris, France
37. "PPARs modulators of fibrate action on lipid metabolism and inflammation" november 26 1998, Dépt. d'Endocrinologie, Erasmus Universiteit Rotterdam, The Netherlands
38. "Rôle des récepteurs nucléaires" november 30 1998, Stages de Formation du GRRC 'Athérosclérose: Physiopathologie, Modèles expérimentaux, Clinique', Le Vésinet, France
39. "PPAR $\alpha$  and its role in atherogenesis"; Japan Intractable Diseases Research Foundation' International Symposium on Lipoprotein Metabolism and Atherosclerosis, december 3-5 1998, Kyoto, Japan
40. "PPAR $\alpha$  activateurs, inflammation et paroi artérielle"; december 8 1998, Journées annuelle des Centres Clinico Biologiques des Lipides, Paris, France
41. "De PPARs verder ontrafeld?" december 14 1998, Dept.Endocrinology/Diabetology, Universitair Ziekenhuis Antwerpen, Belgium
42. "Mechanisms by which PPAR $\gamma$  and  $\alpha$  agonists affect insulin sensitivity and lipid metabolism"; april 14-16 1999, SmithKlineBeecham Research Symposium The Insulin Resistance Syndrome: Molecular mechanisms linking obesity, diabetes and cardiovascular disease. Cambridge, U.K.
43. "Contribution des fibrates"; april 24 1999, 10th Annual Meeting of the Club de Lipidologie du Québec, Québec, Canada
44. "PPAR $\alpha$  and Syndrome X" april 28-may 2 1999, Keystone Symposium on "The PPARs: Transcriptional links to Obesity, Diabetes and Cardiovascular Disease", Lake Tahoe, USA
45. "Applications de la génomique fonctionnelle dans l'athérosclérose" may 7 1999, Colloque Mastère en Drug Design/DEA Biologie Cellulaire et Moléculaire, Louvain-la-Neuve, Belgique
46. « Anti-inflammatory actions of PPAR $\alpha$  in atherosclerosis », EMBO Workshop 'Structure and function of Nuclear Receptors' ; May 25-27, 1999, Villefranche-sur-mer, France.
47. "Récepteurs nucléaires et athérosclérose"; may 28 1999, Journées Franco-Belges de Pharmacochimie 'De la conception à la réalisation en pharmacochimie' Liège, Belgium
48. "Nuclear receptors and the metabolic syndrome"; may 31 1999, GESA 28, Obernai, France
49. "PPARs: modulateurs des facteurs de risque pour l'athérosclérose"; june 11 1999, 1st Annual Meeting of the Société Française d'Athérosclérose, Arcachon, France
50. « Mechanisms by which PPAR activators affect insulin sensitivity and lipid metabolism » ; 4<sup>th</sup> International Clore symposium – Obesity and NIDDM, June 30-July 2 1999, Buckingham, England.
51. "PPARs, the Metabolic Syndrome and Atherosclerosis"; september 5-8 1999, Annual Fall Meeting of the GBM, Hamburg, Germany
52. "PPARalpha activators regulate genes controlling HDL metabolism"; september 18 1999, IAS Workshop on HDL metabolism, Gent, Belgium
53. "PPARs, inflammation and atherosclerosis"; september 30-october 2 1999, 3rd Japan-Europe Joint Forum on Atherosclerosis Research, Ise, Japan
54. "Nuclear transcription factors: new opportunities for lipid lowering"; october 5-6 1999, Joint Meeting Nut-Soc, BHA, ASO, RSM Lipid Forum, 'Reducing CHD risk: a multifactorial approach', Royal College of Physicians, London, England.
55. "PPARs, inflammation and atherosclerosis"; september 30-october 2 1999, 3rd Japan-Europe Joint Forum on Atherosclerosis Research, Ise, Japan
56. "Apports de la biologie moléculaire et cellulaire à la connaissance de la physiologie de l'adipocyte"; october 10 1999, 45th Journée Pharmaceutique du Nord, 'La Surcharge Ponderale', Lille, France
57. "Peroxisome proliferator-activated receptors: nuclear receptors at the cross-roads between lipid metabolism and inflammation"; november 3 1999, Merck, Rahway, USA
58. "Peroxisome proliferator-activated receptors: nuclear receptors at the cross-roads between lipid metabolism and inflammation"; november 4 1999, Dupont Pharma, Wilmington, USA
59. "Peroxisome proliferator-activated receptors and the regulation of inflammation"; november 5 1999, American Society of Nephrology Annual Meeting, Basic Science Symposium, Miami, USA
60. "The PPAR system in the regulation of energy homeostasis and metabolic disorders"; Euroconférences 99, Obesity, Genetics, Pathophysiology and Therapeutics on the Eve of a Major Conceptual Revolution, Prés.J.Caro, P.Froguel, J.Licinio, M.McCamish, B.B.Vargaftig, november 25-27 1999, Institut Pasteur, Paris, France
61. "Control of insulin resistance and inflammation by PPARalpha"; 10th International Dresden Symposium on Lipoproteins and Atherosclerosis, december 9-11 1999, Dresden, Germany

62. "Role of fatty acids in insulin resistance : the glucose fatty acid cycle revisited"; Endocrinology and metabolism discussion symposium, December 13-14, 1999, Oxford, England.
63. "Transcription factors controlling lipid metabolism as a therapeutic target"; International Meeting on 'Signal Transduction Pathways and Regulation of Gene Expression as Therapeutic Targets', januari 26-29 2000, Luxembourg, Luxembourg
64. "Nuclear receptors as targets to modulate HDL levels"; International Symposium on 'Basic aspects of HDL metabolism and disease prevention', 2000 EAS workshop, April 7-9 2000, Istanbul, Turkey.
65. "PPAR $\gamma$  and Insulineresistentie "; 12<sup>th</sup> International De Dagen 2000, April 26-28, Koningshof Veldhoven, The Netherlands.
66. "PPAR $\gamma$  en thiazolidines, (patho)fysiologie"; 12<sup>th</sup> International De Dagen 2000, April 26-28, Koningshof Veldhoven, The Netherlands
67. "The PPAR family of nuclear receptors"; First Liverpool Symposium on type 2 Diabetes, May 3-5, 2000, Liverpool, UK.
68. "PPAR regulated genes involved in macrophage lipid homeostasis"; EU-Biomed 2, May 4-7, 2000, London, UK.
69. "Role of the PPAR system in atherosclerosis"; 2<sup>nd</sup> scientific workshop on Biology of Vascular Calcification, May 25-26, 2000, Lutherstadt Wittenberg, Germany.
70. "PPARs : Nuclear Receptor Controlling Vascular Inflammation"; 32th annual meeting of Japan Atherosclerosis Society, June 1-2, 2000, Tokyo, Japan.
71. "Regulation of HDL metabolism by fenofibrate through PPAR $\alpha$ "; International Luncheon Symposium on Atherosclerosis Research – present and future, June 1-2, 2000, Tokyo, Japan.
72. "Peroxisome proliferator-activated receptors (PPARs) : nuclear receptors at the crossroads between lipid metabolism and inflammation"; 4<sup>th</sup> Dutch Endo-Neuro Meeting, Plenary Session, June 6, 2000, Doorwerth, The Netherlands.
73. "PPAR regulation of lipoprotein metabolism"; American Diabetes Association's 60<sup>th</sup> scientific sessions, symposium session – PPAR transcription factors and complications of diabetes -, June 9-13, 2000; San Antonio, Texas, USA.
74. "Fatty acid-activated receptors controlling lipid metabolism and inflammation"; XII International Symposium on Atherosclerosis, June 25-29, 2000; Stockholm, Sweden.
75. "Role of HDL in cell signalling"; XII International Symposium on Atherosclerosis, July 2, 2000; Helsinki, Finland.
76. "PPARs : nuclear receptors at the crossroads between lipid metabolism and inflammation"; International Symposium of CBT and Eurosterone on Nuclear Receptors in Health and Disease, Sept. 24-27,2000, Huddinge, Sweden
77. "PPARalpha, lipoproteines et athérosclérose"; 2<sup>nd</sup> Congress of SMEDIAN, Oct. 19-22,2000, Tanger, Maroc
78. "Chairman Session", AHA Congress, Nov. 15, 2000, New Orleans, Louisiana, USA.
79. "Regulation of lipoprotein metabolism and atherosclerosis"; HDL and Cardiovascular Disease : Therapeutic Implications – Dec. 15, 2000, University of Milan, Institute of Pharmacological Sciences, Italy.
80. "Control of HDL Metabolism by PPARs"; Accessing HDL as a risk factor in coronary heart disease- Working Group Meeting, Hyatt Regency Scottsdale, Arizona, USA, January 12-13, 2001.
81. "Transcription factors as regulators of HDL metabolism" – HDL cholesterol, metabolic pathways and drug development – 11-13 February 2001, Boston, USA
82. "Metabolic and inflammation control by PPAR $\alpha$ " – The 2001 Deuel Conference on Lipids, March 6-9, 2001 – Dana Point, California, USA
83. "Les glitazones, mécanismes d'action" – Alfediam congress on Diabete, March 27-31, 2001 – Montpellier, France
84. « Clinical significance of PPARgamma and alpha agonism in disease : an update on pioglitazone research ». 1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy.
85. " PPARalpha and the metabolic syndrome" - 1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy.
86. "PPARs, nuclear receptors controlling the metabolic syndrome and atherosclerosis" – The 44<sup>th</sup> annual scientific meeting of Japan Diabetes Society – April 16, 2001 – Kyoto, Japan.
87. "Role of PPARs in Vascular Disease" – VISN17 Research Conference : role of lipids in cardiovascular disease in diabetes and aging – April 20, 2001, Dallas, USA.
88. "PPAR $\alpha$  : another anti-inflammatory PPAR" – Euroconferences Pasteur Institute on Inflammation : between lesion and resolution, April 25, 2001 – Paris, France.
89. "Les activateurs de PPARalpha et la régulation du métabolisme des lipoprotéines, de l'inflammation vasculaire et de l'athérosclérose" – 42<sup>ème</sup> Journées Annuelles de Diabétologie de l'Hôtel Dieu, May 10-12, 2001, Paris, France.
90. « PPARs : nuclear receptors on the crossroads of lipid metabolism and inflammation control" - (plenary session) 72<sup>nd</sup> European Atherosclerosis Society Congress, 20-23 May 2001, Glasgow, UK.
91. "Transcription factors controlling lipid and lipoprotein metabolism" – 42<sup>nd</sup> International Conference on the Bioscience of Lipids, 5-9 June 2001, Bergen, Norway
92. "PPAR regulation of lipid metabolism and energy homeostasis" – (plenary session) 4<sup>th</sup> International Smolenice Insulin Symposium on Lipids and Insulin Resistance, 30 August 2001, Bratislava, Slovak Republik.
93. "Nutrients, transcriptions factors and the prevention of diseases" – VLAG masterclass on Nutrient gene interactions, 6-7 September 2001 University of Wageningen, Maastricht, The Netherlands
94. "Nuclear receptors controlling lipid metabolism and inflammation in the vascular wall" – ELC 24<sup>th</sup> Annual Conference, 10-13 September 2001, Tutzing, Germany.
95. "Treatment of low HDL levels" – IAS workshop on Receptor-mediated regulation of HDL in Atherosclerosis, 4-6 October 2001, Gent, Belgium.
96. "PPARs, nuclear targets for the treatment of the metabolic syndrome" – Wellcome Trust Cardiovascular Research Initiative Seminar – October 30, 2001, Edinburgh, UK

97. "Clinical significance of PPAR $\gamma$  and PPAR $\alpha$  agonism in diseases – an update" – 3<sup>rd</sup> Annual Endocrine Specialist Symposium, 2 November 2001, Snekkersten, Denmark
98. "The clinical significance of PPAR $\alpha$  and  $\gamma$  agonism" – Takeda meeting on Thiazolidinediones, the promises and the facts, 10 November 2001, Marbella, Spain
99. "PPARs and lipoprotein metabolism" – AHA Scientific Sessions, 12 November 2001, Anaheim, California, USA
100. "PPARs – Metabolic Syndrome and Atherosclerosis" – GPRPV meeting, 29 November 2001, Paris, France
101. "PPAR $\alpha$  and insulin resistance" – 2<sup>nd</sup> International Huaxia Congress of Endocrinology", 14-17 December 2001, Hong Kong, China
102. "Nuclear receptors as targets in the pharmacology" – Symposium La sécurité des médicaments en milieu hospitalier, 31 January 2002, Kursaal Bern, Switzerland
103. "PPAR $\alpha$ , metabolic control and inflammation" – European Conference Center, 2 Feb. 2002, Kirchberg Luxembourg.
104. "PPAR $\gamma$  in reverse cholesterol transport" – 46<sup>th</sup> Annual meeting of the German Society of Endocrinology, Feb 28- March 1<sup>st</sup> 2002, Göttingen, Germany
105. "Thiazolidinediones : mode of action and the clinical significance of PPAR $\alpha$  and  $\gamma$  agonism" – Actos regional medical congress on diabetes – a cardiovascular disease ? the role of thiazolidinediones, March 1<sup>st</sup> 2002, Madrid, Spain
106. "Fibrates" – Korea Society of Lipid and Atherosclerosis, March 7-9, 2002, Seoul, Korea.
107. "Nuclear receptors as targets for the treatment of atherosclerosis and the metabolic syndrome" – Congress of Metabolic syndrome and Atherosclerosis, March 27-29, 2002, Lille, France
108. "PPARs : modulators of the metabolic syndrome". Pontificia Universidad Católica - Facultad de Ciencias Biológicas – April 1-3, 2002 Santiago, Chile
109. "Regulation of Apolipoprotein AI synthesis" - 36th Annual Scientific Meeting of the European Society for Clinical Investigation – April 11<sup>th</sup>, 2002, Brussels, Belgium
110. « PPAR receptors at the cross-roads between lipid metabolism and inflammation » - 2<sup>nd</sup> European Conference on "Management of Coronary Heart Disease" – April 13-15, 2002, Nice, France
111. "PPARs : nuclear receptors at the crossroads of inflammation and metabolic control". Congress of the Dutch Society for Clinical Chemistry – NVKC meeting April 25, 2002, Lunteren, The Netherlands.
112. "The role of PPARs in Atherosclerosis". American Association of Clinical Endocrinologists, NDEI Annual Meeting on PPARs and their relevance to clinical practice – May 1<sup>st</sup>, 2002, Chicago, USA
113. "The clinical significance of PPAR $\alpha$  and  $\gamma$  agonism" – The First European Actos Symposium on Pioglitazone, new approaches to vascular diseases in type 2 diabetes", May 17-19, 2002, Prague, Tchécoslovaquie.
114. "Modulation of TG metabolism by nuclear receptors" – 6<sup>th</sup> International Symposium on Global Risk Heart Disease and Stroke : Assessment, Prevention and Treatment", June 12-14, 2002, Florence, Italy
115. "Rôles des récepteurs PPARs dans le contrôle de l'homéostasie lipidique et glucidique » - 28<sup>èmes</sup> rencontres internationales de chimie thérapeutique, July 4, 2002, Rennes, France
116. « PPAR $\alpha$  and Atherosclerosis » - 34th annual meeting of the Japan Atherosclerosis Society », July 18-19, 2002, Kobe, Japan
117. "PPAR $\alpha$ , fibrate and HDL metabolism : from science to clinical benefits" - 34th annual meeting of the Japan Atherosclerosis Society », July 18-19, 2002, Kobe, Japan
118. "PPARs, lipids and atherosclerosis" – ESC PPAR and Cardiovascular Disease – August 30<sup>th</sup>, 2002, Berlin, Germany.
119. "Decreasing resistance through dual PPAR $\gamma$  and  $\alpha$  activation" - EASD Symposium : Tools for metabolic control, today and tomorrow – Sept. 1<sup>st</sup>, 2002, Budapest, Hungary
120. "Nuclear Hormone Receptors in Atherosclerosis " – British Atherosclerosis Society – Autumn meeting, Sept. 19-20, 2002, Cambridge, UK
121. "PPARs and the metabolic syndrome" - ADS-ADEA Annual Scientific Meeting in Adelaide – Sept. 21- Oct. 1, 2002, Adelaide, Australia
122. "PPARs and the atherogenic lipid triad of the metabolic syndrome" - ADS-ADEA Annual Scientific Meeting in Adelaide – Sept. 21- Oct. 1, 2002, Adelaide, Australia
123. « Nuclear receptors controlling the metabolic syndrome » - VIII European Symposium on Metabolism – Oct 3-7, 2002, Padova, Italy
124. « Nuclear receptors controlling lipid and lipoprotein metabolism » - The Romanian Academy Institute of Cellular Biology and Pathology « Nicolae Simionescu" Workshop "Cardiovascular Dysfunctions in Hyperlipidemia and Diabetes" – Oct 10-12, 2002 Bucharest, Romania
125. "New therapeutic pathways in the fields of preventive cardiology and metabolic disease" – 6<sup>th</sup> French Biotechnology Crossroads, Oct. 15-16, 2002 Lille, France
126. "Control of the metabolic syndrome by PPARs" - International Congress on Hormonal Steroids and Hormones and Cancer – Oct. 21-25, 2002 Fukuoka, Japan
127. "Clinical significance of PPAR $\gamma$  and  $\alpha$  agonism" - Thiazolidinedione Conference on Oct. 26-27, Tokyo, Japan  
«PPARs and inflammation » - 4<sup>th</sup> annual symposium DB Brown Research Chair on Obesity Complications of obesity : the inflammation link' Nov. 14-16, 2002 Québec, Canada
128. « PPARs : at the interface of lipid metabolism » - NDEI PPARs : at the interface of type 2 diabetes and atherosclerosis Nov. 17, 2002 Chicago, USA
129. "Pharmacologie moléculaire des fibrates et des thiazolidinediones" – 48<sup>èmes</sup> Journées Pharmaceutiques du Nord Dec. 1<sup>st</sup>, 2002 – Lille, France.

130. « PPARs and the metabolic syndrome » - 4th International Think Tank “The metabolic syndrome : the new world-wide epidemic” Dec. 13-15, 2002 Nice France
131. “PPARs at the crossroads of lipid metabolism and inflammation control” – Kestone Symposia, Feb. 4-9, 2003 - Colorado, USA
132. “PPAR $\alpha$  agonists : from molecular mechanism to clinical implications in low HDL-C and the metabolic syndrome” (plenary lecture) – Annual meeting of the Taiwan Endocrinology Society, March 12-15, 2003 – Taiwan, Japan
133. “Modulation of the PPAR $\alpha$  signalling pathway : relevance for the metabolic syndrome and atherosclerosis” – 2<sup>nd</sup> International Symposium on PPARs : from basic science to clinical applications, March 18-22, 2003 – Florence Italy
134. “Nuclear receptors in metabolic control” – 22<sup>nd</sup> Joint meeting of the British Endocrine Societies – March 24-26, 2003 – Glasgow, UK
135. “PPAR $\alpha/\gamma$  co-ligands and SPPARMS” – Alfediam congress, March 26-27, 2003 – Bordeaux, France
136. “PPARs and the metabolic syndrome” – 7<sup>th</sup> Annual Congress of the French Society of Pharmacology – April 14-16, 2003 – Lille France
137. “PPARs and lipid metabolism” – 6<sup>th</sup> European Congress of Endocrinology – April 26-30, 2003 – Lyon, France
138. “PPARs and the metabolic syndrome” – Congress of the Spanish Society of Atherosclerosis – May 14-15, 2003 – Malaga, Spain
139. “PPARs and vascular inflammation” – IBC’s Drug Discovery for Inflammation Disease” – June 2-4, 2003 – Washington, USA
140. “PPARs ligand” – Hear Failure / ISHR – ES 2003 – June 21-22, 2003 – Strasbourg, France
141. “ Nuclear receptors controlling the metabolic syndrome and atherosclerosis” 19<sup>ème</sup> Ernst Klenk Symposium – July 6-8, 2003 – Cologne, Germany
142. “ Adipocyte differentiation : PPARs and PPAR agonists” – Int.Symp. on Triglycerides, Metabolic Syndrome and Cardiovascular Disease, July 10-13, 2003, New York USA
143. “Future directions : new metabolic targets for the prevention and treatment of atherosclerosis” - Int.Symp. on Triglycerides, Metabolic Syndrome and Cardiovascular Disease, July 10-13, 2003, New York USA
144. “Pleiotropic effects of glitazones” – 18<sup>th</sup> Int. Diabetes Federation Congress, August 22-29, 2003, Paris France
145. “Regulation of lipid homeostasis by PPARs” – Nobel Conference (Transcriptional control of lipid homeostasis), August 25-27, 2003, Huddinge, Sweden
146. “Récepteurs nucléaires et athérosclérose” – 1er congrès de Lipidomique, Sept. 5, 2003, Paris France
147. « Current and new metabolic targets for the prevention and treatment of atherosclerosis” – 13<sup>th</sup> Int. Symposium on Atherosclerosis, Sept 27- Oct 3, 2003, Kyoto, Japan
148. “Emerging role of PPAR agonists with both alpha and gamma receptor activity” - 13<sup>th</sup> Int. Symposium on Atherosclerosis, Sept 27- Oct 3, 2003, Kyoto, Japan
149. “Nuclear receptors controlling the metabolic syndrome and atherosclerosis” - 13<sup>th</sup> Int. Symposium on Atherosclerosis, Sept 27- Oct 3, 2003, Kyoto, Japan
150. “PPARs as therapeutic targets” – 13<sup>th</sup> Int. Symposium on Atherosclerosis – Satellite Symposium Tokyo Bay, Oct. 3-6, 2003, Tokyo, Japan
151. “PPARs and Atherosclerosis” – 8<sup>th</sup> Annual Meeting of the European Council for Blood Pressure and Cardiovascular Research”, Oct. 10, 2003, Seeheim, Germany
152. “Linking PPARs to metabolic, inflammatory and energy control in relation to ageing” – Future Forum Conference, Oct. 24, 2003, Amsterdam, The Netherlands
153. “Le rôle des PPARs dans la régulation de l’inflammation de la paroi artérielle » - 3rd congress of Société Francophone de Transplantation, Nov. 27-28, 2003, Paris, France.
154. « Le point de vue du fondamentaliste » Session Foie et Diabète – Stéatose Hépatique. 5th Symposium de Diabétologie Franco-Suisse, Zermatt Switzerland, January 15-18, 2004
155. « Les récepteurs nucléaires de la famille des PPARs : cibles thérapeutiques pour la régulation du métabolisme lipidique » . 5<sup>ème</sup> cours intensif Alfediam, Paris, France, February 6-8, 2004
156. « Beyond lipid targets : regulation of non lipid parameters by PPAR $\alpha$  – from molecular mechanisms to clinical practice management ». 12<sup>th</sup> International workshop in Cardiovascular Disease, Dijon, France, February 13-15, 2004
157. “Scientific update on hormone nuclear receptor” – University Health Network Lipid Research Group and Robarts Institute Research Rounds in Toronto, Canada – March 2-3, 2004.
158. “Nuclear receptors – from basic science to clinical applications – Toronto General Hospital, Cardiology research rounds and St Michaels Hospital Cardiovascular Research Group; and St Joseph’s Grand Rounds in Toronto, Canada – March 2-3, 2004.
159. “Molecular and Clinical Advances in the Control of Intestinal Cholesterol Absorption” – Vascular Research Group in Hamilton – Canada March 4, 2004
160. “Nuclear receptors – from basic science to clinical applications – Endocrinology Rounds, University of Calgary, Canada – March 10, 2004.
161. “New insights into diabetes and atherosclerosis – Endocrinology rounds, University of Montreal, Canada – March 12, 2004.
162. “PPAR agonists and atherosclerosis” - Symposium on PPAR agonists and Metabolic Regulation, Biomedicum Helsinki – Finland - March 29, 2004
163. « PPAR $\gamma/\delta$  » - ADA Research Symposium on Integrative Role of Fatty Acids in Metabolic Regulation : Implications for Obesity and Diabetes – Boston, USA - April 2<sup>nd</sup>, 2004.

164. "Nuclear receptors controlling glucose and Lipid metabolism" 74<sup>th</sup> EAS congress - Plenary lecture - Session on Diabetes, HDL and Triglycerides – Seville, Spain, April 19<sup>th</sup>, 2004
165. "Molecular Mechanism" Post EAS congress satellite – Malaga, Spain, April 20<sup>th</sup>, 2004
166. "Pleiotropic actions of PPAR on inflammation and atherosclerosis". Necker Seminar in Nephrology – Paris, France – April 26, 2004
167. "Inflammation, diabetes and PPARs" – Future Forum Conference – Barcelona, Spain – May 17, 2004.
168. « Insulin resistance and cardiovascular risk in diabetes » - Metabolic syndrome, type II diabetes and atherosclerosis Congress, Marrakech, Morocco – May 19, 2004.
169. "PPARs : their endogenous and exogenous ligands and the metabolic syndrome" – First International Cardiovascular Research Conference, Marrakech, Morocco – May 19, 2004
170. "Perspective targets in the treatment of metabolic syndrome" – 13<sup>th</sup> European Congress on Obesity, Prague Czech Republic – May 29, 2004.
171. "Molecular and Clinical Advances in the Control of Intestinal Cholesterol Absorption: a Focus on PPARs, Statins and Ezetimibe" – ASEANZ, Perth, Australia – June 3<sup>rd</sup>, 2004.
172. "Nuclear receptors - Curiosity for cell biologists or pharmacologic breakthrough for clinicians" – Melbourne, Australia – June 6<sup>th</sup>, 2004.
173. Chairman of the Session "Nuclear receptors and Coregulators" – 1<sup>st</sup> Paul Hamel Conference, Monaco - June 7<sup>th</sup> 2004.
174. "PPARs : from basic science to clinical application" : Taiwanese Lipid. And Atheroscl. Soc. – Taipei, Japan – June 25, 2004
175. « Nuclear receptors, diabetes mellitus and cardiovascular disease » - Heart UK 18<sup>th</sup> Annual Medial and Scientific Meeting : Lipids and diabetes, current concepts. – Bath UK, July 1<sup>st</sup>, 2004.
176. "Bile acid receptors" – International congress of Endocrinology - Lisbonne, Portugal, Sept. 2-4, 2004
177. "Insulin resistance at the vascular level and endothelial dysfunction : mechanisms and potential for modulation – 40<sup>th</sup> EASD, Munich, Germany, Sept 7, 2004
178. "The protein kinase C signalling pathway regulates a molecular switch between transactivation and transrepression activity of PPARalpha – 27<sup>th</sup> ELC meeting, Tutzing, Germany, Sept.8, 2004
179. "PPARs and human diseases" – CASCADE Summer school on Nuclear Hormone Receptors, ENS Lyon, France, Sept. 13, 2004
180. "Metabolic and pleiotropic cardioprotective activities of PPARalpha and gamma" – International symposium on the occasion of the 65<sup>th</sup> birthday of Pr. Klaus-Henning Usadel – Nuclera receptors in endocrinology, diabetes and metabolism, Frankfurt, Germany, Oct. 6, 2004
181. "Control of reverse cholesterol transport and atherosclerosis by the nuclear receptors PPARalpha and FXR – HDL summit meeting, Paris, France, Oct. 14, 2004
182. "Glitazones et athérosclérose" – 4<sup>ème</sup> journées d'Actualité en Diabétologie – Paris, Oct. 15, 2004
183. « Activating the PPAR receptors – Basic science and clinical ramifications » - DALM meeting, Venise, Italy – Oct. 25, 2004
184. "Macrophages" – AHA New Orleans, USA – Nov. 7, 2004
185. "PPARs and atherosclerosis" – National Network for Cardiovascular Research, Goteborg, Sweden – Nov 19, 2004
186. "The evolving role of PPARalpha in lipid metabolism and treatment of lipid disorders" – 1<sup>st</sup> Congress of Hellenic Atherosclerosis Society, Athens, Greece – Dec. 3, 2004
187. "Relation between protein kinase C and PPAR in the control of inflammation" – WCFS Food Summit meeting, Wageningen, The Netherlands – Dec. 10, 2004
188. "Molecular mechanism" – 6<sup>th</sup> International Think Tank", Paris, France – Dec. 11, 2004
189. "Nuclear hormone receptors" – EVGN meeting, Cambridge, UK – Dec. 13, 2004
190. "PPARs and the metabolic syndrome" – Plenary Session – 3<sup>rd</sup> Int. Sympo on PPARs : Efficacy and Safety – Monte Carlo, Monaco, March 19-23, 2005.
191. "Preclinical analysis of PPARalpha agonist action on diabetes and the metabolic syndrome" – 3<sup>rd</sup> Int. Sympo on PPARs : Efficacy and Safety – Monte Carlo, Monaco, March 21, 2005.
192. "PPARalpha, the metabolic syndrome and atherosclerosis" – Kestone Symposia, Wisthler, Canada – April 15-17, 2005.
193. "PPARs as targets for anti-atherosclerosis therapies" – 75<sup>th</sup> EAS, Prague, Czeck Republic – April 24-26, 2005
194. " Molecular mechanisms of metabolic liver diseases" – 40<sup>th</sup> annual meeting of the German Diabetes Association, Berlin, Germany, May 5, 2005
195. "Metabolic syndrome, HDL and its modulation by PPARalpha agonists" – 18<sup>th</sup> Congress of the Spanish Atherosclerosis Society, La Coruña, Spain, May 6, 2005.
196. "PPAR agonists : targeting insulin resistance and atherosclerosis in the obese – 14<sup>th</sup> European Congress on Obesity, Athens, Greece, June 1-4, 2005.
197. "Rôle des agonistes de PPARgamma dans le contrôle du diabète et le risque cardiovasculaire associé. 2<sup>nd</sup> Annual Congress of the NSFA, Biarritz, France – June 9-11, 2005.
198. "Endothelial dysfunction in diabetes" – ADA, San Diego, USA – June 11-17, 2005.
199. « Signal transduction pathways and atherosclerosis ». EVGN meeting, Maastricht, The Netherlands – July 7, 2005
200. "Nuclear receptors modulating the metabolic syndrome : focus on PPARalpha and FXR. 2<sup>nd</sup> Int. Sympo on Triglycerides and HDL : Role in cardiovascular disease and the metabolic syndrome – New York, USA – July 14-17, 2005.
201. "Glucose and lipid metabolism" – ESC congress, Stockholm, Sweden – Sept. 5-9, 2005.
202. "Récepteurs nucléaires et modulation des lipides" – Symposium CHU Tivoli, Belgium – Sept 24, 2005

203. « PPARs and the metabolic syndrome » - 1st International CCR Symposium, Berlin, Germany – Oct. 21-22, 2005
204. “Nuclear Receptors, the metabolic syndrome and atherosclerosis” – 4<sup>th</sup> International Symposium on Obesity and Hypertension, Berlin, Germany – Oct. 27-29, 2005
205. “Nuclear receptors as pharmaceutical targets” – European Biotech crossroads, Lille, France – Nov. 28-30, 2005
206. “Metabolic and vascular control of atherosclerosis by nuclear receptors” – 21<sup>st</sup> Ernst Klenk Symposium in Molecular Medicine, Cologne, Germany – Dec. 2-3, 2005
207. “Metabolic syndrome and PPARs” – 2<sup>nd</sup> Metabolic Syndrome Seminar, Tokyo, Japan, Jan. 21, 2006.
208. “Agonistes PPAR” – 9<sup>èmes</sup> rencontres franco-américaines d’Endocrinologie – Paris, France, Feb. 2, 2006.
209. “PPAR agonists in the prevention of vascular disease in the diabetic patients” – 5<sup>th</sup> Genoa Meeting on Hypertension, Diabetes and Renal Diseases – Genoa, Italy, Feb. 23, 2006.
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## MEETING PRESENTATIONS

1. Staels B., Auwerx J., Chan L., van Tol A., Rosseneu M., Verhoeven G.: Regulation of mRNA levels for apolipoprotein A-I, A-II and E in the rat liver: effects of development and sex hormones. *Abstract contactgroep "Multidisciplinair Onderzoek van Atherosclerosis"*, Brussels, 1988, *Oral Presentation*
2. Cobbaert C., Bertels I., Staels B., Verhoeven G., Lissens W.: Aspecificity of apolipoprotein antisera. *IVth International Symposium of the Belgian Society of Clinical Chemistry, Brugge, 1988, Poster Presentation*
3. Staels B., Auwerx J., Chan L., van Tol A., Rosseneu M., Verhoeven G.: Changes in rat liver and intestinal apolipoprotein A-I, A-II and E mRNA levels after ovariectomy and ethinylestradiol. *International Atherosclerosis Congress, Vienna, 1989, Oral Presentation*
4. Staels B., Auwerx J., Stahnke G., Will H., Verhoeven G.: Regulation of rat liver LDL-receptor and hepatic triglyceride lipase (HTGL) mRNA levels by ovariectomy and ethinylestradiol. *5th European Symposium on Metabolism, Padova, 1989, Poster Discussion*
5. Staels B., Auwerx J., Stahnke G., Will H., Verhoeven G.: Regulation of rat liver LDL-receptor and hepatic triglyceride lipase (HTGL) mRNA levels by ovariectomy and ethinylestradiol. *12th European Lipoprotein Club Meeting, Tutzing, 1989, Oral Presentation*
6. Auwerx J., Staels B., Sassone-Corsi P.: Coupled and uncoupled induction of fos and jun. *Conférences J.Monod, Control of Gene Expression during Development, Roscoff, 1989, Poster Presentation*
7. Staels B., Auwerx J., Szpirer J., Szpirer C., Vautmans V., Verhoeven G., Deeb S.: Developmental regulation and extinction of liver lipoprotein lipase mRNA expression. *13th European Lipoprotein Club Meeting, Tutzing, 1990, Oral Presentation*
8. Staels B., van Tol A., Chan L., Verhoeven G., Auwerx J.: Differential expression of potential ligands for the HDL-receptor. *63rd annual Scientific Sessions of the American Heart Association, Dallas, 1990, Poster Presentation*
9. Staels B., van Tol A., Chan L., Verhoeven G., Auwerx J.: Variable effects of different corticosteroids on plasma lipids, apolipoproteins, and hepatic apolipoprotein mRNA levels in rats. *Journées du GERLI, 1991, Oral Presentation*
10. Hoogerbrugge N., Jansen H., Staels B., Seip M., Birkenhager J.C.: Growth hormone affects cholesterol metabolism in hypothyroid rats. *IAS Meeting, Chicago, 1991, Poster Presentation*
11. Hoogerbrugge N., Jansen H., Staels B., Seip M., Birkenhager J.C.: Growth hormone affects hepatic lipase synthesis in hypothyroid rats. *IAS Meeting, Chicago, 1991, Poster Presentation*
12. van Tol A., Jansen H., Staels B., Auwerx J.: Specific regulation of plasma LCAT activity, apolipoproteins, and lipoprotein subfractions by different corticosteroids. *14th European Lipoprotein Club Meeting, Tutzing, 1991, Oral Presentation*
13. Staels B., van Tol A., Andreu T., Auwerx J.: Fibrates influence the expression of genes involved in lipoprotein metabolism in a tissue-selective manner. *59th European Atherosclerosis Society Congress, Nice, 1992, Poster Presentation*
14. Staels B., Schoonjans K., Szpirer J., Szpirer C., Auwerx J.: Developmental extinction of liver lipoprotein lipase expression. *Conférences J.Monod, Aussois, 1993, Poster Presentation*
15. Schoonjans K., Devos P., Staels B., Verhoeven G., Auwerx J.: Developmental extinction of liver lipoprotein lipase mRNA expression is regulated by an NF-1 like site. *66th annual Scientific Sessions of the American Heart Association, New Orleans, 1993, Poster Presentation*
16. Branellec D., Berthou L., Staels B., Saldicco I., Parrott D., Fruchart J.-C., Denèfle P.: Opposite in vitro and in vivo regulation of hepatic apo A-I gene expression by retinoic acid. *1994 Keystone Symposia on Molecular & Cellular Biology, 1994, Poster Presentation*
17. Auwerx J., Schoonjans K., Vu Dac N., Staels B.: Control of gene expression by hypolipidemic fibrates and nutritional factors, a coordinating role for PPAR. *13th Joint Meeting of British Endocrine Societies, 1994, Oral Presentation*
18. Berthou L., Staels B., Toutain H., Branellec D., Denèfle P.: Regulation of apolipoprotein gene expression by fibrates in primary cultures of adult rat hepatocytes. *Rencontres Scientifiques Rhône-Poulenc Rorer, 1994, Poster Presentation*
19. Branellec D., Berthou L., Staels B., Parrott D., Saldicco I., Berthelot K., Fruchart J.-C., Denèfle P.: Opposite in vitro and in vivo hepatic apolipoprotein A-I gene regulation by retinoic acid. *Rencontres Scientifiques Rhône-Poulenc Rorer, 1994, Poster Presentation*

20. Berthou L., Duverger N., Cuine S., Berthelot K., Attenot F., Staels B., Denèfle P., Branellec D.: Use of human apo A-I transgenic mice as a pharmacological tool to validate HDL-inducers. *Rencontres Scientifiques Rhône-Poulenc Rorer, 1994, Poster Presentation*
21. Schoonjans K., Staels B., Yamamoto T., Wahli W., Grimaldi P., Auwerx J.: Induction of Acyl-Coenzyme A synthetase (ACS) gene expression by fibrates is mediated by a PPAR-responsive element in the 1C promoter of the ACS gene. *Xth International Symposium on Atherosclerosis, Montréal, 1994, Poster Presentation*
22. Staels B., Vu-Dac N., Saladin R., Fruchart J.-C., Auwerx J.: Tissue-specific down-regulation of apo C-III gene expression by fibrates. *Xth International Symposium on Atherosclerosis, Montréal, 1994, Poster Presentation*
23. Schoonjans K., Yamamoto T., Wahli W., Fruchart J.-C., Grimaldi P., Auwerx J., Staels B.: Induction of Acyl-Coenzyme A synthetase (ACS) gene expression by fibrates is mediated by a PPAR-responsive element in the 1C promoter of the ACS gene. *67th annual Scientific Sessions of the American Heart Association, Dallas, 1994, Poster Presentation*
24. Bossu J.-P., Chartier F.L., Vu-Dac N., Fruchart J.-C., Staels B., Auwerx J., Laine B.: Characterization of a negative regulatory activity in the first intron of the human apolipoprotein A II gene. *67th annual Scientific Sessions of the American Heart Association, Dallas, 1994, Poster Presentation*
25. Staels B.: Induction of Acyl-Coenzyme A synthetase expression by fibrates and fatty acids is mediated through activation of the peroxisome proliferator activated receptor. *64th European Atherosclerosis Society Meeting, Utrecht, 1995, Oral Presentation*
26. Staels B., Schoonjans K., Wahli W., Yamamoto T., Grimaldi P., Auwerx J.: Induction of the Acyl-Coenzyme A synthetase gene by fibrates and fatty acids is mediated through activation of the peroxisome proliferator activated receptor. *Liver Development, Gene Regulation and Disease, Arcachon, France, 1995, Poster Presentation*
27. Berthou L., Duverger N., Emmanuel F., Auwerx J., Fruchart J.-C., Denèfle P., Staels B., Branellec D.: Opposite regulation of human versus mouse apo A-I by fibrates in human transgenic mice. *68th annual Scientific Sessions of the American Heart Association, Anaheim, 1995, Oral Presentation*
28. Staels B., Vu-Dac N., Schoonjans K., Kosykh V., Dallongeville J., Fruchart J.-C., Auwerx J.: Fibrates increase human apolipoprotein A-II expression through activation of the peroxisome proliferator-activated receptor. *68th annual Scientific Sessions of the American Heart Association, Anaheim, 1995, Poster Presentation*
29. Schoonjans K., Staels B., Deeb S., Auwerx J.: Fibrates and fatty acids induce lipoprotein lipase gene expression via the peroxisome proliferator activated receptor. *68th annual Scientific Sessions of the American Heart Association, Anaheim, 1995, Oral Presentation*
30. Guerre-Millo M., Lagrange D., Saladin R., Auwerx J., Staels B.: Effet de la mutation fa sur l'expression du gène ob au cours du développement. *13ième Conférence Annuelle de l'Association Française d'Etudes et de Recherches sur l'Obésité, Paris, 19 janvier 1996, Poster Presentation*
31. Staels B., Vilaro S., Hum D., Reina M., Peinado J., Martin G., Saladin R., Auwerx J.: Expression and regulation of lipoprotein lipase in human adrenal cortex. *65h European Atherosclerosis Society Meeting, Firenze, 1996, Oral Presentation*
32. Vu-Dac N., Schoonjans K., Kosykh V., Dallongeville J., Heyman R.A., Auwerx J., Staels B.: Retinoids increase human apolipoprotein A-II expression through activation of the retinoid X receptor but not the retinoic acid receptor. *65h European Atherosclerosis Society Meeting, Firenze, 1996, Poster Presentation*
33. Saladin R., Vu-Dac N., Fruchart J.-C., Auwerx J., Staels B.: Transcriptional induction of rat liver apolipoprotein A-I gene expression by glucocorticoids requires the glucocorticoid receptor and a labile tissue-specific protein. *65h European Atherosclerosis Society Meeting, Firenze, 1996, Oral Presentation*
34. Auwerx J., Staels B.: Regulation of gene expression by fenofibrate: role of PPAR. *65h European Atherosclerosis Society Meeting, Firenze, 1996, Oral Presentation*
35. Schoonjans K., Staels B.: L'induction de l'expression de l'acyl-CoA synthétase par les fibrates et les acides gras est PPAR-dépendante. *Réunion de l'Association pour les Etudes sur les Peroxysomes en Biologie (AEP-BIO), Lille, 1996, Oral Presentation*
36. Fajas L., Staels B., Auwerx J.: PPAR $\gamma$ : structure génomique et régulation. *Réunion de l'Association pour les Etudes sur les Peroxysomes en Biologie (AEP-BIO), Lille, 1996, Oral Presentation*
37. Casaroli-Marano R.P., Reina M., Peinado-Onsurbe J., Staels B., Auwerx J., Vilaro S.: Lipoprotein lipase in human and bovine eyes. *24th Meeting of the Federation of European Biochemical Societies (FEBS), Barcelona, 1996*
38. Staels B., Mamontova A., Grötzinger T., Séguret-Macé S., Vu-Dac N., Schoonjans K., DeVos P., Gervois P., Delhaye-Bouchaud N., Fruchart J.-C., Mariani J., Duverger N., Auwerx J., Tedgui A.: Functional role of the nuclear receptor ROR $\alpha$  in lipid metabolism and cardiovascular disease. *EMBO Workshop, Structure and Function of Nuclear Receptors, May 2-5 1997, Erice, Italy, Oral Presentation*
39. Staels B., Mamontova A., Grötzinger T., Séguret-Macé S., Vu-Dac N., Schoonjans K., DeVos P., Gervois P., Delhaye-Bouchaud N., Fruchart J.-C., Mariani J., Duverger N., Auwerx J., Tedgui A.: Functional role of the nuclear receptor ROR $\alpha$  in lipid metabolism and cardiovascular disease. *79th Annual Meeting of the Endocrine Society, Minneapolis, June 11-14 1997, Poster Presentation*
40. Gervois P., Staels B.: PPAR $\alpha$ . *Réunion de l'Association pour les Etudes sur les Peroxysomes en Biologie (AEP-BIO), Paris, May 23 1997, Oral Presentation*
41. Lefebvre A.-M., Auboeuf D., Vidal H., Staels B., Auwerx J.: High level expression of PPAR $\gamma$  in colon. *79th Annual Meeting of the Endocrine Society, Minneapolis, June 11-14 1997, Poster Presentation*
42. Martin G., Schoonjans K., Staels B., Auwerx J.: Regulated expression of the fatty acid transporter (FATP) gene: control by PPAR $\alpha$  and  $\gamma$ . *79th Annual Meeting of the Endocrine Society, Minneapolis, June 11-14 1997, Poster Presentation*

43. Lefebvre A.-M., Peinado-Onsurbe J., Briggs M.R., Paterniti J.R., Fruchart J.-C., Fievet C., Auwerx J., Staels B.: Regulation of lipoprotein metabolism by thiazolidinediones occurs through a distinct, but complementary mechanism relative to fibrates. *68th Meeting of the European Atherosclerosis Society on Molecular Cell Biology & Atherogenesis, Brugge, Belgium, may 8 1997, Poster Presentation*
44. Staels B., Habib A., Merval R., Lebret M., Pineda-Torra I., Delerive P., Fadel A., Chinetti G., Fruchart J.C., Najib J., Tedgui A., Maclouf J.: Negative regulation of human aortic smooth muscle cell activation by PPAR $\alpha$ , but not by PPAR $\gamma$  activators. *Keystone Meeting on Nuclear Receptors, Lake Tahoe, march 28 - april 2 1998, Poster Presentation*
45. Trottein F., Angeli V., Nutten S., Delerive Ph., Capron A., Staels B., Capron M. : Role of schistosome/endothelium interactions in the synthesis of endothelial adhesion molecules and in the recruitment of immune cells to the lungs. *Annual Congress of SFI, November 24-26, 1999, Lille, France.*
46. Chinetti G., Gbaguidi FG., Griglio S., Mallat Z., Antonucci M., Poulain Ph., Chapman J., Fruchart J.C., Tedgui A., Najib J., Staels B. : CLA-1/ R-BI is expressed in atherosclerosis lesion macrophages and regulated by activators of peroxisome proliferator activated receptors (PPARs). *SFA, June 10-11, 1999, Arcachon, France. Poster presentation*
47. Duez H., Besnard S., Fruchart J.C., Fievet C., Tedgui A., Staels B. : IL10 et métabolisme des lipides et lipoprotéines : approche in vivo. *SFA, June 10-11, 1999, Arcachon, France. Poster presentation*
48. Duez H., Mansen A., Fievet C., Raspé E., Fruchart J.C., Vennström B., Staels B. : Rev-erba : an orphan nuclear receptor regulating lipoprotein metabolism. *SFA, June 10-11, 1999, Arcachon, France. Poster presentation*
49. Staels B. : "La famille des récepteurs nucléaires PPARs : rôle dans le contrôle métabolique et inflammatoire". *Univertité Libre de Bruxelles, December 22, 1999, Gosselies, Belgium. Oral presentation.*
50. Neve B., Corseaux D., Chinetti G., Zawadzki C., Duriez P., Staels B., Jude B. : PPAR $\alpha$ -agonists inhibit tissue factor expression in THP-1 cells and human monocytes. *Keystone Meeting on Nuclear Receptors, march 25-31, 2000, Poster Presentation*
51. Furman C., Delerive P., Martin-Nizard F., Fruchart J.C., Duriez P., Staels B., Teissier E. : Les phospholipides des LDL oxydées modifient les capacités antioxydantes des cellules endotheliales. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Poster Presentation.*
52. Martin-Nizard F., Furman C., Briand O., Delerive P., Kandoussi A., Fruchart J.C., Staels B., Duriez P. : PPAR $\alpha$  and PPAR $\gamma$  activators inhibit lipoproteins induced endothelin-1 secretion in endothelial cells. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Poster Presentation*
53. Corseaux D., Neve B., Chinetti G., Zawadzki C., Duriez P., Jude B., Staels B. : PPAR $\alpha$  agonists inhibit tissue factor expression in monocytic cells. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Poster Presentation*
54. Jeanpierre E., Corseaux D., Neve B., Duriez P., Jude B., Staels B. : Effect of fenofibrate on tissue factor expression after angioplasty in rabbits. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Oral Presentation*
55. Pilon A., Martin G., Junquero D., Delhon A., Fruchart J.C., Staels B., Clavey V. : Régulation du HDL récepteur, SR-BI et du LDL récepteur par l'angiotensine II et les esters de phorbol dans la lignée de cellules surrénales humaines NCI-H295R. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Oral Presentation*
56. Duez H., Poulain P., Fiévet C., Fruchart J.C., Staels B. : PPAR $\alpha$  is required for the In Vivo regulation of human Apo AI gene expression by fibrates. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Oral Presentation*
57. Dol F., Mares AM., Martin G., Staels B., Schaeffer P., Herbert JM. : The angiotensin AT1 receptor antagonist irbesartan decreases lesion size, MCP-1 expression and macrophage accumulation in apo E-deficient mice. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Oral Presentation*
58. Chinetti G., Lestavel S., Remaley T., Neve B., Pineda Torra I., Minnich A., Jaye M., Duverger N., Brewer H.B., Fruchart J.C., Clavey V., Staels B. : PPAR activators induce cholesterol removal from human macrophage foam cells through stimulation of the ABC-1 pathway. *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Poster Presentation*
59. Luc G., Jacob N., Bouly M., Fruchart J.C., Staels B., Giral P. : Les fibrates augmentent l'homocystéine par un mécanisme lié au PPAR $\alpha$ . *2<sup>nd</sup> annual congress of the French Atherosclerosis Society, Arcachon, May 18-22, 2000, Oral Presentation*
60. Darteil R., Mahfoudi A., Staels B., Finer M. : In vivo regulation of gene expression in murine muscle using the PPAR $\gamma$  nuclear receptor and its ligands as a new gene switch system. *International Symposium of CBT and Eurosterone on Nuclear Receptor in Health and Disease, Huddinge, Sweden, Sept.24-27,2000, Poster Presentation*
61. Pineda Torra I., Fruchart J.C., Staels B. : Different nuclear receptors modulate hPPAR $\alpha$  promoter activity via a common binding site. *International Symposium of CBT and Eurosterone on Nuclear Receptor in Health and Disease, Huddinge, Sweden, Sept.24-27,2000, Poster Presentation*
62. Corseaux D., Neve B., Chinetti G., Zawadzki C., Duriez P., Jude B., Staels B. : Tissue factor is inhibited by PPAR alpha-agonists in monocytic cells. *42<sup>nd</sup> ASH Annual Meeting, San Francisco, USA, Dec. 01-05, 2000, Poster Presentation*
63. Gervois Ph., Kleemann R., Fruchart J.-C., Staels B., Kooistra T : PPAR $\alpha$  and inflammation : modulation of the hepatic acute phase response. *Keystone Symposium, USA, 04-09 Feb. 2001, Poster presentation*
64. Delerive P., De Bosscher K., Vanden Berghe W. Fruchart J.C., Haegeman G., Staels B. : Molecular mechanisms of the NF-kB / PPAR $\alpha$  cross talk. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Workshop*



65. Deplanque D., Gelé P., Six I., Bouly M., Staels B., Fruchart JC., Duriez P., Bordet R : PPARalpha : a new pharmacological target for stroke ?. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Workshop*
66. Bouly M., Masson D., Gross B., Peters JM., Fievet C., Castro G., Gonzalez FJ., Fruchart JC., Staels B., Lagrost L., Luc G. : Induction of mouse PLTP expression by fenofibrate through a PPARalpha dependent mechanism. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Workshop*
67. Berge RK., Madsen L., Guerre-Millo M., Berge K., Bergene E. Flint EN., Sebkova E., Rustan AC., Jensen J., Mandrup S., Kristiansen K., Klimes I., Staels B. : Expression of PPARalpha target genes improves insulin action and reduces adiposity. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Workshop*
68. Martin G., Duez H., Blanquart C., Berezowski V. Poulain P., Fruchart JC., Fruchart JN., Glineur C., Staels B. : Statins induce PPARalpha activity via inhibition of the geranylgeranyl-pp/Rho signalling pathway . Contribution to HDL raising activity of statins. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
69. Chinetti G., Lestavel S., Fruchart JC., Clavey V., Staels B. : PPARalpha controls cholesterol homeostasis in human monocyte derived macrophages. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
70. Six I., Jaboureck O., Bouly M., Deplanque D., Caliez A., Staels B., Fruchart JC., Duriez P., Bordet R. : PPARalpha activator (fenofibrate) restores endothelial function and decreases cyclooxygenase-1 media expression in spontaneously hypertensive rat. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
71. Blanquart C., Barbier O., Fruchart JC., Staels B., Glineur C. : The nuclear receptor PPARalpha is degraded by proteasome in a ligand dependent manner. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
72. Barbier O., Blanquart C., Fruchart J., Fruchart JC., Staels B., Glineur C. : The interaction of PPARalpha with the creb binding protein (CBP) seems to be regulated by phosphorylation. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
73. Bouly M., Majd Z., Fievet C., Fruchart J., Staels B., Fruchart JC., Luc G. : Fenofibrate increases the selective uptake of HDL cholesteryl esters in livers of human apolipoprotein AI transgenic mice. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
74. Helleboid S., Minnich KA., Mahfoudi A., Orsini C., Bertrand K., Fruchart J., Fruchart JC., Staels B. : Adenovirus mediated over expression of PPARdelta do not affect CPTI and apolipoprotein AII gene expression, two PPARalpha target genes, in HepG2 cells. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
75. Duez H., Poulain P., Fievet C., Bertrand K., Fruchart JC., Staels B. : PPAR $\alpha$  is required for the in vivo regulation of human apo A-I gene expression by fibrates. *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
76. Pineda-Torra I., Claudel T., Duval C., Fruchart JC., Staels B. : Bile acid regulation of human PPAR $\alpha$  gene expression is mediated by the farnesoid-X receptor (FXR). *1<sup>st</sup> International Symposium on PPARs : from basic science to clinical applications, 4-7 April 2001, Florence, Italy. Poster Presentation*
77. JeanPierre E., Corseaux D., Neve BP., Fruchart JC., Duriez P., Jude B., Staels B. : Tissue factor expression is reduced by fenofibrate in hypercholesterolemic rabbits after angioplasty.
78. Bouly M., Lagrost L., Staels B., Fruchart JC., Luc G. : In vivo induction of HDL size enlargement by fenofibrate is dependant on phospholipid transfer protein (PLTP). 18<sup>ème</sup> congrès du GRRC et 3<sup>ème</sup> congrès de la SFA, April 26-27, 2001 Montpellier, France. *Poster presentation*
79. Blanquart C., Barbier O., Fruchart JC., Staels B., Glineur C. : Le récepteur nucléaire PPARalpha est dégradé par les protéasomes de manière ligand dépendant. 18<sup>ème</sup> congrès du GRRC et 3<sup>ème</sup> congrès de la SFA, April 26-27, 2001 Montpellier, France. *Poster presentation*
80. Pineda Torra I., Fruchart JC., Staels B. : Fibrates negatively modulate PPARalpha expression in human hepatocytes.. 18<sup>ème</sup> congrès du GRRC et 3<sup>ème</sup> congrès de la SFA, April 26-27, 2001 Montpellier, France. *Poster presentation*
81. Gosset Ph., Charbonnier AS., Staels B., Tonnel AB., Trottein F. : Modulation of phenotype and cytokine production in monocyte 6 derived dendritic cells by PPAR $\gamma$  activation. *American Thoracic Society Congress, May 2001, San Francisco, Poster presentation ?*
82. Bouly M., Masson D., Gross B., Jiang XC., Fievet C., Castro G., Tall AR., Fruchart JC., Staels B., Lagrost L., Luc G. : Induction of the plasma phospholipid transfer protein (PLTP) gene accounts for the HDL enlargement in mice treated with fenofibrate. *72<sup>nd</sup> European Atherosclerosis Society Congress, 20-23 May 2001, Glasgow, UK. Poster presentation*
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136. J.M.G. PRINCEN : Deficient bile acid synthesis in hyperlipidemic mice enhances. *International symposium on « Drugs affecting lipid metabolism », Venice, Italy, October 24-27, 2004*
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