



**REPORT 2009**



**ERAB**

**THE EUROPEAN FOUNDATION FOR ALCOHOL RESEARCH**

# EDITORIAL

This editorial comes jointly from the Chairmen of the two Boards of ERAB: The European Foundation for Alcohol Research - the Board of Directors and the Advisory Board.

We have been actively involved with ERAB since its foundation as an independent Charity in 2003 and are delighted to see that its success continues. In particular, we are pleased with the recognition it has achieved both in the scientific community and amongst the European Union institutions, both tangible marks of its success.

The quality of the applications we receive are of an increasingly high level and we are supported by a growing number of internationally renowned peer reviewers. The number of research publications, arising from ERAB Grants, published in top scientific journals is growing (61 to date). You will find them all listed at the end of this report and can follow the progress on the website [www.erab.org](http://www.erab.org).

2009 represents a watershed in ERABs history as we have had to say a sad farewell to our founding Chairman of the Board of Directors, Raymond Georis, who stood down in November. We cannot thank him enough for steering ERAB through its first six years and ensuring that its constitution has fulfilled all the legal requirements. We would like to thank him for his support and friendship during this period, and know he will continue to be part of our progress in the future as an Honorary Member of the Board of Directors.

2010 represents another milestone, as we will be organising the International Medical Advisory Group Conference in October, and publishing a book about the research which has been funded in our first six years.

The Brewers of Europe and its members should be very proud of ERAB. It has achieved a great deal to date and it gives us great pleasure to commend this report to you.



**Emeritus Professor  
Oliver James**  
Chairman, ERAB  
Board of Directors

A handwritten signature in black ink, appearing to read "Oliver James".



**Philippe De Witte**  
Chairman, ERAB  
Advisory Board

A handwritten signature in black ink, appearing to read "Philippe De Witte".

## CHANGE OF NAME

At a meeting on 19<sup>th</sup> November the ERAB Board of Directors agreed to a change in name. ERAB will still be known as ERAB but its full name is now **ERAB: The European Foundation for Alcohol Research**.

There are two main reasons for this change. The first is that the old name always needed some explanation. The new name now leaves little to the imagination.

The second reason was due to confusion with other ERABs. Another European Research Advisory Board existed when this ERAB was founded but its acronym was EURAB (created by the European Commission in June 2001). There was no confusion initially. Since then, the Commission has created the European Research Area Board (ERAB) which assists the European Commission in developing, promoting and evaluating policy initiatives and actions to meet the goals of the European Research Area.

Additionally searching for ERAB on the internet comes up with references to many other ERABs including an Energy Research Advisory Board, an Energy Resources Advisory Board and many companies such as Engineering Research A.B., Entreprenad Reparationer A.B. or Exploitation Resultats Analyses Biologiques!

We hope that from now on there will be less confusion about what ERAB is and does.

## A NEW CHAIRMAN FOR THE ERAB BOARD OF DIRECTORS

Raymond Georis, founder member and first Chairman of the ERAB Board of Directors, was succeeded as Chairman by Emeritus Professor Oliver James at the meeting of the Board of Directors on 19<sup>th</sup> November 2009. Professor James is also a founding member of ERAB and the first Chairman of the ERAB Advisory Board. He handed over the Chair of the Advisory Board to Professor Philippe De Witte in 2007 and watched ERABs progress as an Honorary member of the Board of Directors until this new appointment. ERAB is delighted to welcome Professor James back as an active member of the Board.

## THANKS

Raymond Georis has spent most of his career at the service of European integration, particularly in the field of culture and education. In this area he can be considered a founding father of today's EU education programmes such as Erasmus. He has also greatly helped advance the cause of European foundations and it is, in particular, thanks to his knowledge and experience that ERAB became one of the first "Foundations of Public Utility" under the new Belgian legal regime for charities.



Raymond Georis has a quality which is probably a key marker for great men: modesty. Such intellectual and human stature, mixed together with firm pro-European convictions were the ideal ingredients for ERAB to start its work on firm legal bases, guaranteeing the independence of the science, and ensuring the ERAB Foundation would work according to both the letter and the spirit of a truly European platform of research excellence. ERAB is honoured to have had him as its first Chairman and would like to thank him most sincerely for his help so far. ERAB is fortunate that Raymond has agreed to join the Board of Directors as an Honorary Member ensuring that we can have continued access to his invaluable expertise.

## NEW ERAB NEWSLETTER

ERAB is pleased to announce the launch of its first newsletter. Issue 1 of the ERAB e-Newsletter was sent to a growing list of applicants, grantees, expert reviewers and awardees on 30<sup>th</sup> December 2009. This new newsletter is sent directly from the ERAB website and will enable us to keep the alcohol research community up to date with developments, including new application deadlines, and additions to the site. To subscribe to the newsletter, please visit [www.erab.org](http://www.erab.org) and follow the instructions on the "welcome" page.

## ERAB OPENS THE DOOR FOR ADDITIONAL GRANT FUNDING

Relatively small grants from independent grant giving bodies such as ERAB and her sister foundation ABMRF / The Foundation for Alcohol Research, often help Institutions to gain additional funding from other sources. This has already been observed by several ERAB grantees.

Marianne Van den Bree, from the University of Cardiff, UK, who received a grant from ERAB in 2003/4 to study risk factors of adolescent alcohol use received funding from the Wellcome Trust for further work on this subject.

Dr Stefan Brené, of the Karolinska Institute, Stockholm, Sweden who received a grant from ERAB in 2005/6 to study alcohol-induced neurogenesis received additional research grants from the Swedish Research Council which was attributed partly to the work performed with the support from ERAB.

In 2008 Dr Anja Huizink, of Erasmus Medical Centre, Rotterdam, The Netherlands, who received a grant from ERAB in 2006/7 to study "Stress reactivity, psychopathology and age at first alcohol use", received additional funding from ZonMW ([www.zonmw.nl](http://www.zonmw.nl)), a Dutch funding agency, from their "Programme on risk taking behaviour and dependence" for an additional sample of high risk adolescents (adolescents that have at least one parent who is in care for addiction problems).

Dr Raquel Soares, of the University of Porto, Portugal, who received a grant from ERAB in 2006/7 for the identification of inflammatory and angiogenic signaling mechanisms, obtained additional grants on the same research subject from the University of Porto and the Institute of Beverages and Health.

Dr Lorenzo Leggio, of the Catholic University of Rome, Italy received an ERAB grant in 2006/7 to study the use of Baclofen to control craving. He is collaborating with the Center for Alcohol and Addiction Studies at Brown University, Providence, RI, USA, and has recently received a grant from ABMRF / The Foundation for Alcohol Research (in North America) to continue the work on Baclofen this time looking at its role in alcohol-dependence / nicotine-dependence comorbidity. Dr Leggio is the first researcher to receive grants from both ERAB and ABMRF.

## PARTNERSHIPS FOR HEALTH RESEARCH

A panel discussion on the subject of "Partnerships for Health Research" was held during The Brewers of Europe General Assembly in Funchal, Madeira in June 2009:



Alberto da Ponte, The President of The Brewers of Europe, introduced the subject and noted that research excellence in the field of health is highly topical whether it applies to health related research in general or that into the field of beer, alcohol and health and behaviour.

Professor De Witte, Chairman of the ERAB Advisory Board, made a detailed report on ERAB's successful achievements since it started in 2003 and stressed the importance of the Foundation being completely independent. He explained that the resources are shared between biomedical and psychosocial research and emphasised that it is a long process from application, to grant, to research, to publication. He encouraged everyone to go onto the website of the ERAB ([www.erab.org](http://www.erab.org)), where details of the grantees research publications are listed, to view the latest information.

Mr Georis, Chairman of the ERAB Board of Directors, outlined the three principle criteria for a foundation: independence, assets (i.e. a permanent source of income) and a dedication to the public benefit. ERAB undoubtedly meets these criteria, and with these attributes would be well situated to partner the European Commission in research projects – a long term goal of ERAB.

Mrs Belez, former Portuguese Minister of Health and President of the Portuguese Champalimaud Foundation, reported that the Foundation supports individual researchers and research teams working at the cutting edge of biomedical science. It is working directly with some of the world's leading figures in cancer research treatment, focusing on basic and clinical research tied to clinical application. The Foundation is responsible for the world's largest annual financial prize in science and medicine and each year the "António Champalimaud Vision Award" awards 1 million Euros to a research group which has made significant discoveries in the field of vision.

## CONGRATULATIONS

Following on from the news of Dr Leggio's PhD in the 2008 Report ERAB, has been notified about a number of additional research degrees. ERAB is delighted to congratulate another three researchers who have gained higher degrees from their work on research funded by ERAB.

Anna McCulloch gained an MPhil award from Cardiff University, Wales in 2006 for her work entitled: Addressing Responsivity Issues in the Treatment of Alcohol-Related Aggression. The ERAB-funded project was a significant component of her dissertation and this study was published in *Addiction Research and Theory*. Anna's MPhil award contributed to her success in being selected later in 2006 for a Doctorate in Clinical Psychology.

Dr. Alessandro Orrù gained his PhD in Neuroscience at the University of Cagliari, Italy, following his collaboration in a project funded by ERAB.

Elin Åberg gained her PhD in Neuroscience at the Karolinska Institutet, Stockholm, Sweden "On Regulation of Hippocampal Neurogenesis Roles of Ethanol Intake, Physical Activity and Environment" on December 10, 2007.

## KEY PERFORMANCE INDICATORS 2003 - 2009

Total subscriptions	€ 3,268,000
Total grant spend	€ 2,926,856

Applications	187
Full grants funded	42
Two year grants	33
Biomedical grants	29
Psychosocial grants	13
Publications citing ERAB	61

Travel Awards	33
Exchange Awards	8

To date ERAB grants have been undertaken in 10 different EU countries. Belgium, Denmark, Finland, France, Germany, Italy, the Netherlands, Portugal, Sweden and UK.

## CONTRIBUTORS

Without the continued support of the European Brewing Sector ERAB would not be able to continue to fund independent research into the biomedical and socio-behavioural aspects of alcohol consumption. ERAB is grateful to the following associations and companies - its 2009 contributors:

- **APCV - Associação Portuguesa dos Produtores de Cerveja, Portugal;**
- **Associazione degli Industriali della Birra e del Malto, Italy;**
- **Brasseurs de France, France;**
- **Bryggeriforeningen, Denmark;**
- **Belgian Brewers, Belgium;**
- **Centraal Brouwerij Kantoor - CBK, Netherlands;**
- **Cerveceros de España, Spain;**
- **Deutscher Brauer-Bund e.V., Germany;**
- **Grants Committee of the British Beer & Pub Association and the Institute of Brewing & Distilling, UK;**
- **Greek Brewers' Association, Greece;**
- **Irish Brewers' Association, Ireland;**
- **Panimoliitto, Finland;**
- **Sveriges Bryggerier AB, Sweden;**
- **The Union of Brewing Industry Employers in Poland, Poland;**
- **The Brewers of Europe;**
- **Verband der Brauereien Österreichs, Austria.**

- **Carlsberg;**
- **Heineken;**
- **Anheuser Busch InBev;**
- **SABMiller.**

## THE ERAB WEBSITE

The ERAB website includes biographies of the members of both Boards, information about how to apply for a grant including the deadlines, details of grants already funded, the publications resulting from these grants and proforma report forms for grantees to download.

The website receives a growing number of visits each year – almost 125,600 in 2009. This activity peaks in the Spring when grant applications are due and shows that it is being consulted by the research community.

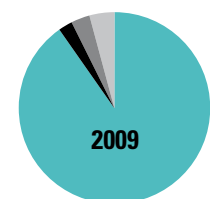
[www.erab.org](http://www.erab.org)

## FINANCE

An average of five grants up to €120,000 are funded each year together with four or five travel awards and one or two exchange awards. The research grant expenditure accounts for the majority of the annual budget.

	2004	2005	2006	2007	2008	2009
	€	€	€	€	€	€
<b>Revenue and Support</b>						
Industry contributions	434,500	445,000	425,000	535,000	535,000	479,000
Investment income	2,365	7,972	1,926	6,098	2,450	108
<b>Expenditure</b>						
<b>Grants and Awards</b>						
Grants	390,390	496,600	421,846	426,398	727,315	422,482
Awards	-	2,500	11,656	12,219	9,504	8,000 *
Sub Total	390,390	499,100	433,502	438,617	736,819	430,482 *
<b>Other Expenditures</b>						
Communications	9,195	9,334	5,310	17,017	5,490	11,500 *
Meetings and Conferences	59,023	33,838	19,222	32,371	13,696	15,000 *
Other	5,743	7,077	5,370	5,562	5,631	20,000 *
<b>Total Expenditure</b>	464,351	549,349	463,404	493,567	761,636	476,982 *
<b>Assets carried over</b>	354,470	256,742	220,264	267,795	0	0
<b>Reserve</b>					18,608	20,734 *
<b>Endowment</b>					25,000	25,000

\* These figures are provisional



- Grants and Awards
- Communications
- Meetings and Conferences
- Other

## BOARDS

ERAB has two boards – a Board of Directors and an Advisory Board. ERAB is grateful to the members of both Boards who generously give their time and expertise without reward.

### CHANGES TO THE BOARD OF DIRECTORS IN 2009

This year, other than the change of Chairman reported earlier, ERAB was pleased to welcome Simon Jackson, Executive Director of the Institute of Brewing and Distilling to replace David Long whose retirement from the British Beer & Pub Association was imminent. David has kindly agreed to continue to support ERAB by becoming an honorary member.

## BOARD OF DIRECTORS

ERAB's independence is guaranteed by a Board of Directors made up of a majority of public members. Their role is to administer the funds.

### PUBLIC MEMBERS



**Emeritus Professor Oliver F W James**  
former Pro Vice Chancellor, Faculty of Medical Sciences, University of Newcastle upon Tyne, UK. (**Founder Member, Chairman**).



**Professor Daniel Bessa**  
COTEC, Portugal.



**Mr Jean Martin**  
European Confederation of the Food & Drink Industry, Belgium.



**Dr. Mack C. Mitchell, Jr.**  
ABMRF / The Foundation for Alcohol Research, USA.



**Mrs Heidrun Piwernetz**  
Representation of Bavaria to the European Union, Belgium.



**Dr. Erik Skovenborg**  
Medical Doctor, Denmark.



**Vanessa Witkowski**  
Research Institute Bruegel, Belgium.



**Professor Philippe de Witte**  
Université Catholique de Louvain-la-Neuve, Belgium.  
**Chairman of the ERAB Advisory Board.**



**Janet Witheridge**  
ERAB: The European Foundation for Alcohol Research.  
**Secretary-General.**

## REPRESENTATIVES OF BREWERS AND TRADE ASSOCIATION OFFICIALS



**Mr Alberto da Ponte**  
The Brewers of Europe, Portugal.



**Mr Rutger Goethart**  
Heineken, The Netherlands.



**Mr Simon Jackson**  
Institute of Brewing and Distilling, UK.



**Mr Jacobo Olalla Marañón**  
Cerveceros de España, Spain.



**Mr Knud Hedeager Nielsen**  
Carlsberg, Denmark.

## HONORARY MEMBERS (ACCORDING TO ARTICLE 6 OF THE BY-LAWS)



**Mr Raymond Georis**  
Belgium (**Founder Member and Chairman until 19<sup>th</sup> November 2009**).



**Dr. David Long**  
The British Beer & Pub Association, UK.



**Mr Piero Perron**  
Heineken, Italy. (**Founder Member**).



**Emeritus Professor Richard Smallwood**  
(former Commonwealth Chief Medical Officer (1999-2003), Australia.)

## ADVISORY BOARD

The members of the Advisory Board have a proven international independent scientific reputation. Their role is to examine the applications, suggest peer reviewers and recommend to the Board of Directors which applications should be funded.



**Professor Philippe De Witte**  
Department of Biology, Université Catholique de Louvain-la-Neuve, Belgium. **Chairman.**



**Professor Giovanni Addolorato**  
Department of Internal Medicine, Università Cattolica del Sacro Cuore, Rome, Italy.



**Professor Christopher P. Day**  
Faculty of Medical Sciences, University of Newcastle upon Tyne, UK.



**Professor Wolfgang Koenig**  
Department of Medicine, University of Ulm, Germany.



**Dr. Kari Poikolainen**  
Finnish Foundation for Alcohol Studies, Helsinki, Finland.



**Associale Professor Martje P. Weijenberg**  
Department of Epidemiology, Maastricht University, The Netherlands.



## INTERNATIONAL MEDICAL ADVISORY GROUP CONFERENCES

International Medical Advisory Group (IMAG) conferences have been held since 1972 and offer an opportunity for the Medical Advisors to the brewing industry worldwide to discuss topical issues and recent research advances in the field of alcohol.

### IMAG 2006

The 2006 IMAG was the 34<sup>th</sup> such conference and was held in Copenhagen. The scientific programme was planned by ERAB and the conference was hosted by The Brewers of Europe with assistance from Carlsberg. Delegates from 22 countries on six continents attended.



Dr Kim Fromme spoke about underage and binge drinking and the results of task forces which had identified interventions which help to reduce harmful drinking and those which are not so effective. The successful strategies included: motivational based interventions which focus on why young people drink and why they might change their drinking habits; multi-component cognitive-behavioural skills training which include moderation strategies and stress management skills; and individualised feedback about their own drinking and the risk factors and comparisons to peer drinking.

### IMAG 2007

The 35<sup>th</sup> IMAG was held in Halifax, Nova Scotia. Delegates from 16 countries on six continents attended. The scientific programme was planned by the ABMRF and the conference was hosted by the Brewer's Association of Canada.



Dr Ivan Diamond spoke about a new drug which may help to reduce heavy drinking. The development of this drug has used knowledge of human genetics and modern pharmacology to improve on an ancient Chinese herbal medicine. Initial animal studies show that CVT-10216 effectively reduces heavy drinking without affecting moderate consumption and it is believed that it represents a new generation of possible medications for treating alcoholism and other addictions.

### IMAG 2009

A "mini" IMAG conference, hosted by the ABMRF / The Foundation for Alcohol Research, was held in Alexandria, Washington, USA on 27<sup>th</sup> October 2009. Members of the ABMRF Boards who are leading experts in biomedical and psychosocial research provided briefings on a number of key issues.

To open the session Dr Mack Mitchell, the President, noted that ABMRF had been founded 25 years ago and is now the largest, independent, non-profit foundation in North America devoted solely to supporting research on the effects of alcohol on health and behavior and prevention of alcohol-related problems. He referred to the key paper published by Arthur Klatsky and his colleagues in 1974, which was the first to show a lower risk of heart attack in moderate drinkers and his subsequent work which showed that the strongest evidence for protection was for beer in men and wine in women. Many subsequent studies have refined the understanding of this effect and expanded our view of the health effects of moderate alcohol consumption.

He went on to discuss the latest views on fatty liver which is becoming more common as obesity increases and is now much more common than liver disease caused by alcohol consumption. The role of obesity in increasing the risk of alcoholic liver disease is being explored and the mechanisms by which moderate alcohol consumption reduces the risk of type II diabetes may also be important.

Dr Raymond Anton reviewed the development of drugs to reduce harmful drinking and concluded that new medications are needed together with a better understanding of factors such as genes and environment which make different people become dependent on alcohol.

### IMAG 2010

The 36<sup>th</sup> IMAG conference will be hosted by The Brewers of Europe between 17<sup>th</sup> and 20<sup>th</sup> October 2010 in Frascati, near Rome, Italy. The programme is being prepared by the ERAB Advisory Board and will include sessions on Binge drinking; Pharmacological treatment of alcohol dependence: From bench to bedside; Risk factors and intervention for harmful consumption; ALD: Susceptibility and new treatment targets; and Alcohol, cancer and epidemiology.





## ERAB GRANTS

ERAB invites applications for funding European biomedical and psychosocial research into the effects of beer and other alcohol beverages by advertising in relevant medical journals at the beginning of each year. The applications are sent for peer review to experts in the relevant subject from all over the world. The recommendations as to which grants are funded are based on these reviews which give great emphasis to the scientific merit of the application. Grants are funded up to the maximum of €60,000 for one year or €20,000 over two years. Of the 37 major grants funded so far seven were completed at the end of 2006, four were completed at the end of 2007, three at the end of 2008 and eight at the end of 2009. Ten will complete at the end of 2010 and 5 will complete in 2011.

## 2009 GRANTS

At its tenth meeting on 19<sup>th</sup> November 2009 the ERAB Board of Directors agreed that the following five research projects should be funded during 2010 / 2011.

<b>Dr. Gabriel PERLEMUTER</b>	<b>Univ. Paris-Sud, CHU Bicêtre, Le Kremlin-Bicêtre, France.</b>
Biomedical	Intestinal microbiota and genesis of alcoholic hepatitis.
Two year	
<b>Dr. Bas VERHAGE</b>	<b>Department of Epidemiology, University Maastricht, The Netherlands.</b>
Biomedical	The role of alcohol intake in the etiology of lymphatic malignancies.
Two year	
<b>Pr. Felix STICKEL</b>	<b>Inst. for Clinical Pharmacology, University of Berne, Switzerland.</b>
Biomedical	Analysis of the molecular mechanisms of the synergistic effect of chronic alcohol consumption and obesity on the development and progression of hepatic steatosis, steatohepatitis & fibrosis.
One and a half year	
<b>Dr. Katrijn HOUBEN</b>	<b>Maastricht University, Faculty of Psychology and Neuroscience, The Netherlands.</b>
Psychosocial	Training executive functions to reduce alcohol abuse: Restoring control over automatic impulses to drink alcohol.
Two year	
<b>Dr. Simon C. MOORE</b>	<b>Violence and Society Research Group. University of Cardiff, UK.</b>
Psychosocial	Longitudinal study of social and cognitive risks for alcohol misuse in first year university students.
Two year	

## AWARDS FOR YOUNG RESEARCHERS

As well as providing major research grants ERAB is keen to encourage young researchers to work in the field of alcohol research and offers a number of much smaller travel and exchange awards for researchers under the age of 35. The travel awards enable scientists to travel to conferences to present their data and the exchange awards allow periods of study / collaboration in centres of excellence anywhere in the world.

In addition to the above awards for young researchers small awards may be made available to help publish PhD theses.

## PUBLICATIONS RELATING TO ERAB FUNDED RESEARCH

To date ERAB grantees have published the results of the research funded by ERAB in 61 papers in peer reviewed journals.

### BEWICK Bridgette Maree (2005 - EA0508) 2 publications

- **Bewick BM**, Trusler K, Barkham M, Hill AJ, Cahill J and Mulhern B (2008). The effectiveness of web-based interventions designed to decrease alcohol consumption – a systematic review. *Preventive Medicine*, 47:17-26.
- **Bewick BM**, Trusler K, Mulhern B, Barkham M and Hill AJ (2008) The feasibility and effectiveness of a web-based personalised feedback and social norms alcohol intervention in UK university students: a randomized control trial. *Addictive Behaviors*, 33(9):1192-1198.

### BRENE Stephan (2005 - EA0518) 1 publication

- Aberg E, Perlmann T, Olson L and **Brené S** (2008) Running increases neurogenesis without retinoic acid receptor activation in the adult mouse dentate gyrus. *Hippocampus*, 18(8):785-792.

### COLOMBO Giancarlo (2004 - EA0401) 2 publications

- Orru A, Lobina C, Maccioni P, Gessa GL, Carai M and **Colombo G** (2007) Repeated exposure to alcoholic beer does not induce long-lasting changes in alcohol self-administration and intake in Sardinian alcohol-preferring and Sardinian non-preferring rats. *Alcohol and Alcoholism*, 42(6):513-524.
- Maccioni P, Orru A, Korkosz A, Gessa GL, Carai MAM, **Colombo C** and Bienkowski P (2007) Cue-induced reinstatement of ethanol seeking in Sardinian alcohol-preferring rats. *Alcohol*, 41:31-39.

### CREA Filippo (2004 - EA0407) 2 publications

- Niccoli G, Altamura L, Fabretti A, Lanza GA, Biasucci LM, Rebuzzi AG, Maria Leone A, Porto I, Burzotta F, Trani C and **Crea F** (2008) Ethanol abolishes ischemic preconditioning in humans. *Journal of the American College of Cardiology*, 51(3):271-275.
- Di Castelnuovo A, Costanzo S, Donati MB, Lacoviello L and de Gaetano G (2007) Alcohol consumption and cardiovascular risk: an epidemiological perspective. *Nutrition, Metabolism and Cardiovascular diseases*, 17:561-564.

### DELLA CORTE Laura (2007 - EA0723) 6 publications

- Freinbichler W, Bianchi L, Colivicchi MA, Ballini C, Tipton KF, Linert W and **Della Corte L** (2008). The detection of hydroxyl radicals in vivo. *Journal of Inorganic Biochemistry*, 102:1329-1333.
- Freinbichler W, Tipton KF, **Della Corte L** and Linert W (2009) Mechanistic aspects of the Fenton reaction under conditions approximated to the extracellular fluid. *Journal of Inorganic Biochemistry*, 103:28-34.
- Petkova-Kirova P, Rakovska A, Zaekova G, Ballini C, **Della Corte L**, Radomirov R and Vágvölgyi A (2008) Stimulation by neurotensin of dopamine and 5-hydroxytryptamine (5-HT) release from rat prefrontal

cortex: Possible role of NTR1 receptors in neuropsychiatric disorders. *Neurochemistry International*, 53:355-361.

- Ward RJ, Lallemand F and De Witte P (2009) Biochemical and neurotransmitter changes implicated in alcohol induced brain damage in chronic or 'binge drinking' alcohol abuse. *Alcohol and Alcoholism*, 44(2):128-135.
- Ward RJ, Lallemand F and De Witte P (2009) The influence of chronic nicotine administration on behavioural and Neurochemical parameters in male and female rats after repeated binge drinking exposure. *Alcohol and Alcoholism*, 44(6):535-546.
- Ward RJ, Colivicchi MA, Allen R, Schol F, Lallemand F, De Witte P, Ballini C, **Della Corte L** and Dexter D (2009) Neuroinflammation induced in the hippocampus of "binge drinking" rats may be mediated by elevated extracellular glutamate content. *Journal of Neurochemistry*, in press.

### DE LORGERIL Michel (2005 - EA0520) 2 publications

- di Giuseppe R, **de Lorgeril M**, Salen P, Laporte F, Di Castelnuovo A, Krogh V, Siani A, Arnout J, Cappuccio FP, van Dongen M, Donati MB, de Gaetano G, Lacoviello L and on behalf of the European Collaborative Group of the IMMIDIET Project (2009) Alcohol consumption and n-3 polyunsaturated fatty acids in healthy men and women from 3 European populations. *American Journal of Clinical Nutrition*, 89:354-362.
- Latella MC, Di Castelnuovo A, **de Lorgeril M**, Arnout J, Cappuccio FP, Krogh V, Siani A, van Dongen M, Donati MB, de Gaetano G, Lacoviello L, on behalf of the European Collaborative Group of the IMMIDIET project (2009) Genetic variation of alcohol dehydrogenase type 1C (ADH1C), alcohol consumption, and metabolic cardiovascular risk factors: results from the IMMIDIET group. *Atherosclerosis*, 207:284-290.

### DE WITTE Philippe (2003 - EA0312) 3 publications

- Kashkin V and **De Witte P** (2005) Nicotine increases microdialysate brain amino acid concentrations and induces conditioned place preference. *European Neuro-Psychopharmacology*, 15:625-632.
- Lallemand F, Ward RJ, Dravolina O and **De Witte P** (2006) Nicotine-induced changes of glutamate and arginine in naïve and chronically alcoholized rats: an in vivo microdialysis study. *Brain Research*, 1111:48-60.
- Lallemand F, Ward RJ and **De Witte P** (2007) Nicotine increases ethanol preference but decreases locomotor activity during the initial stages of chronic ethanol withdrawal. *Alcohol and Alcoholism*, 42(3):207-218.

### DOOLEY Steven (2006 - EA0624) 6 publications

- Meindl-Beinker NM and **Dooley S** (2008) TGF- $\alpha$  and hepatocyte trans-differentiation in liver fibrogenesis. *Journal of Gastroenterology and Hepatology*, 23(Suppl.1):122-127.
- **Dooley S**, Hamzavi J, Ciucian L, Gogoy P, Ilkavets I, Ehnerts S, Ueberham E, Gebhardt R, Kanzler S, Geier A, Breitkopf K, Weng H and Mertens PR (2008) Hepatocyte-specific Smad7 expression attenuates TGF- $\alpha$  mediated fibrogenesis and protects against liver damage. *Gastroenterology*, 135:642-659.
- Breitkopf K, Nagy LE, Beier J I, Mueller S, Weng H and **Dooley S** (2009) Current experimental perspectives on the clinical progression

of Alcoholic Liver Disease (ALD). *Alcoholism: Clinical and Experimental Research*, 33(10):1647-1655.

- Haas SL, Fitzner B, Jaster R, Wiercinska E, Gaitantzi H, Jesenowski R, Löhr JM, Singer MV, **Dooley S** and Breitkopf K (2009) Transforming growth factor-beta induces nerve growth factor expression in pancreatic stellate cells by activation of the ALK-5 pathway. *Growth Factors*, 27:289-299.
- Ciuculan L, Ehnert S, Ilkavets I, Weng H-L, Gaitantzi H, Tsukamoto H, Ueberham E, Singer MV, Breitkopf K, **Dooley S** (2009) TGF- $\beta$  enhances alcohol dependent hepatocyte damage via down regulation of alcohol dehydrogenase I. *Journal of Hepatology*, in press.
- Seth D, D'Souza NB, Guindy EI, Apte M, Mari M, **Dooley S**, Neuman M, Haber PS, Kundu GC, Darwanto A, de Villiers WJ, Vonlaufen A, Xu Z, Phillips P, Yang S, Goldstein D, Pirola RM, Wilson JS, Moles A, Fernández A, Colell A, García-Ruiz C, Fernández-Checa JC, Meyer C and Meindl-Beinker NM (2009) Alcohol, Signaling and ECM turnover. *Alcoholism: Clinical and Experimental Research*, in press.

#### **GALLUS Silvano (2003 - EA0305) 7 publications**

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- **Jacobs EH** (2008) The effects of drugs of abuse and alcohol on circadian rhythms. *International Journal of Psychopharmacology*, 11, suppl. 1, p. 21.

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