

## **Publications related to research funded by ERAB**

### ***Peer-reviewed papers***

**ALBANO Emanuele (2008 - EA0805)**

Co-applicant: /

*“Characterization of the role of immune mechanisms in the progression of alcoholic liver disease”*

University “A. Avogadro” of East Piedmont, Novara - IT

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**ALBERY Ian (2007 - EA0715)**

Co-applicant: Rycroft N, Moss A.

*“ ‘Blind Drunk ?’ Differentiating the psychopharmacological and expectancy effects of alcohol consumption on attentional bias”*

Department of Psychology, London South Bank University, London - UK

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[Albery IP, Sharma D, Noyce S, Frings D and Moss AC \(2015\) Testing a frequency of exposure hypothesis in attentional bias for alcohol-related stimuli amongst social drinkers. \*Addictive Behaviors Reports\*, 68-72](#) (ERAB funding not acknowledged)

**ARESI Giovanni (2014 - EA1411)**

Co-applicants: Moore S, Renner K, Marta E.

*“Study abroad students’ drinking behaviour: a mixed methods longitudinal study on social norms and sojourner adjustment”*

Universita Cattolica del Sacro Cuore, Milano - IT

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[Aresi G, Moore SC and Marta E \(2021\) The health behaviours of European study abroad students sampled from forty-two countries: Data from a three-wave longitudinal study. \*Data in Brief\*, 38:107285](#)

**Aresi G**, Sorgente A, Moore SC and Marta E (2021) Analysing change among study abroad students. A novel application of the person-centred approach to alcohol use patterns. *International Journal of Intercultural Relations*, 82:220-231.

[doi.org/10.1016/j.ijintrel.2021.04.006](https://doi.org/10.1016/j.ijintrel.2021.04.006)

[Aresi G, Moore S, Berridge D and Marta E \(2019\) A longitudinal study of European students' alcohol use and related behaviours as they travel abroad to study. \*Substance Use and Misuse\*, 54\(7\):1167-1177](#)

[Aresi G, Alfieri S, Lanz M, Marta E and Moore S \(2018\) Development and validation in five languages of a Multidimensional Motivations to Study Abroad Scale \(MMSAS\) among European Credit Mobility Students. \*International Journal of Intercultural Relations\*, 63:128-134](#)

[Aresi G, Moore S and Marta E \(2016\) Drinking, drug use and related consequences among university students completing study abroad experiences: A systematic review. \*Substance Use and Misuse\*, 51\(14\):1888-1904](#)

[Aresi G, Fattori F, Pozzi M and Moore S \(2016\) I am going to make the most out of it! Italian university Credit Mobility Students' Social Representations of alcohol use during study abroad experiences. \*Journal of Health Psychology\*, 1:1-10](#)

[Aresi G, Moore S and Marta E \(2016\) Italian credit mobility students significantly increase their alcohol intake, risky drinking and related consequences during the study abroad experience. \*Alcohol and Alcoholism\*, 51\(6\):723-726](#)

**BADIMON Lina (2016- EA1659)**

**Co-applicant: Padró T, Vilahur G and Chiva-Blanch G.**

**"Moderate beer intake effects on the inflammasome pathway and TLR-mediated immunomodulation in humans"**

**Institute of Biomedical Research, Hospital of Santa Creu, Barcelona - ES**

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[Muñoz-García N, Escate R, \*\*Badimon L\*\*, and Padro T \(2021\) Moderate Beer Intake Downregulates Inflammasome Pathway Gene Expression in Human Macrophages. \*Biology\*, 10\(11\), 1159](#)

[Padro T, Muñoz-García N, Vilahur G, Chagas P, Deyà A, Antonijoan R M, and \*\*Badimon L\*\* \(2018\) Moderate beer intake and cardiovascular health in overweight individuals. \*Nutrients\*, 10\(9\), 1237](#)

**BERTUZZI Terenzio (2016- EA1637)**

**Co-applicant: Giorgia Spigno, Filippo Rossi**

**"To consider the health effects arising from the components of beer (brewed at large and small scale) in particular, to investigate the effect of folate and vitamin B 6 content of beer on serum homocysteine and the cardiovascular system"**

**Catholic University of the Sacred Heart, Milan - IT**

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[Romanini E, Rastelli S, Donadini G, Lambri M and Bertuzzi T \(2021\) Pyridoxine and folates during small- and large-scale brewing. \*Journal of the Institute of Brewing\*, 127:135-139.](#)

[Donadini G, Bertuzzi T, Rossi F, Spigno G and Porretta S \(2020\) Uncovering Patterns of Italian Consumers' Interest for Gluten-Free Beers. \*Journal of the American Society of Brewing Chemists\*, 79:4](#)

[Rossi F, Spigno G, Luzzani G, Bozzoni ME, Donadini G, Rolla J and Bertuzzi T \(2020\) Effects of the intake of craft or industrial beer on serum homocysteine. \*International Journal of Food Sciences and Nutrition\*, 72\(1\):93-98. doi:10.1080/09637486.2020.1760219](#)

Donadini G, Bertuzzi T, Kordialik-Bogacka E, Cywińska D, Rossi F, Spigno G and Poretta S (2020) Investigating patterns of millennials' interest in gluten-free beer in Poland: A question of beer price and alcohol content. *Journal of Food Science*, 85(1):182-191. <https://doi.org/10.1111/1750-3841.14985>

Bertuzzi T, Mulazzi A, Rastelli S, Donadini G, Rossi F and Spigno G (2020) Targeted healthy compounds in small and large-scale brewed beers. *Food Chemistry*, 310:125935. <https://doi.org/10.1016/j.foodchem.2019.125935>

[Bertuzzi T, Rastelli S, Mulazzi A and Rossi F \(2019\) LC-MS/MS Determination of Mono-Glutamate Folates and Folic Acid in Beer. \*Food Analytical Methods\*, 12\(3\):722-728. https://doi.org/10.1007/s12161-018-1396-6](#)

[Bertuzzi T, Rastelli S, Mulazzi A, Donadini G and Pietri A \(2018\) Known and Emerging Mycotoxins in Small- and Large-Scale Brewed Beer. \*Beverages\*, 4\(2\):46. https://doi.org/10.3390/beverages4020046](#)

**BEULENS Joline (2004 - EXA0402)**

Co-applicant: /

(Visit to Harvard University School of Public Health)

University Medical Center, Utrecht Julius Center for Health Sciences and Primary Care, Utrecht - NL

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[Beulens JWJ, Rimm EB, Ascherio A, Spiegelman D, Hendriks HFJ and Mukamal K \(2007\) Alcohol consumption and risk for coronary heart disease among men with hypertension. \*Annals of Internal Medicine\*, 146:10-19.](#)

**BEWICK Bridgette Maree (2005 - EA0508)**

Co-applicants: Barkham M, Hill AJ.

**“The e-UNICAL project: e feasibility and effectiveness study into delivering an electronic feedback and social norms intervention designed to decrease university students’ consumption of alcohol”**

Department of Behavioral Sciences, Faculty of Medicine and Health, University of Leeds, Leeds - UK

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[Marley, S, Bekker HL and Bewick BM \(2016\) Responding to personalized social norms feedback from a web-based alcohol reduction intervention for students: Analysis of think-aloud verbal protocols. \*Psychology and Health\*, 31\(9\): 1007-1024](#)

[Bewick BM, West RM, Barkham M, Mulhern B, Marlow R, Traviss G and Hill AJ \(2013\) The effectiveness of a web-based personalized feedback and social norms alcohol intervention on United Kingdom university students: Randomized controlled trial. \*Journal of Medical Internet Research\*, 15\(7\): e137](#)

[Bewick BM, West RM, Gill J, O’May F, Mulhern B, Barkham M and Hill AJ \(2010\) Providing web-based feedback and social norms information to reduce student alcohol intake: A multi-site investigation. \*Journal of Medical Internet Research\*, 12\(5\): e59](#)

[Cunningham JA, Khadjesari Z, Bewick BM and Riper H \(2010\) Internet-based interventions for problem drinkers: from efficacy trials to implementation. \*Drug and Alcohol Review\*, 29\(6\): 617–622](#)

[Bewick BM, Mulhern B, Barkham M, Trusler K, Hill AJ and Stiles WB \(2008\) Changes in undergraduate student alcohol consumption as they progress through university. \*BMC Public Health\*, 8:163](#)

**BIENKOWSKI Przemyslaw (2006 - EXA0501)**

Co-applicant: /

*Visit at the Department of Neuroscience at the University of Cagliari in Italy*

Department of Pharmacology and Physiology of the Nervous System, Institute of Psychiatry and Neurology, Warsaw - PL

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[Maccioni P, Orrú A, Korkosz A, Gessa GL, Carai MAM, Colombo G and Bienkowski P \(2007\) Cue-induced reinstatement of ethanol seeking in Sardinian alcohol-preferring rats. \*Alcohol\*, 41\(1\):31-39.](#)

**BRENE Stephan (2005 - EA0518)**

Co-applicant: Olson L.

*“Alcohol-induced neurogenesis: Functional characterization of increased formation of nerve cells in hippocampus in response to moderate voluntary ethanol intake”*

Department of Neurotec division of Psychiatry, Karolinska University Hospital, Stockholm - SE

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[Åberg E, Perlmann T, Olson L and Brené S \(2008\) Running increases neurogenesis without retinoic acid receptor activation in the adult dentate gyrus. \*Hippocampus\*, 18\(8\):785-792. https://doi.org/10.1002/hipo.20438](https://doi.org/10.1002/hipo.20438)

**CALLADO Luis F (2018 - EA1819)**

**Co-applicants: Vincent Vialou and Amaia M. Erdozain**

**“Susceptibility to alcohol dependence, a role for the matricellular protein hevin.”**

**Department of Pharmacology, University of the Basque Country Medical School, Leioa, ES**

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Nuñez-del Moral A, Bianchi PC, Cruz FC, Vialou V, **Callado LF**, Erdozain AM (in preparation 2022) Matricellular protein hevin brain expression is altered in chronic alcohol abusers and mice exposed to alcohol.

[Nuñez-del Moral A, Brocos-Mosquera I, Vialou V, \*\*Callado LF\*\* and Erdozain AM \(2021\) Characterization of hevin \(SPARCL1\) immunoreactivity in postmortem human brain homogenates. \*Neuroscience\*, 467:91-109](#)

[Nuñez-del Moral A and \*\*Callado LF\*\* \(2020\). Alkohola edatearen eragina garun nerabeen. \*EKAIA EHUKo Zientzia eta Teknologia aldizkaria\*, \(38\)41-53.](#)

[Mongrédien R, Erdozain AM, Dumas S, Cutando L, Nuñez del Moral A, Puighermanal E, Amin SR, Giros B, Valjent E, Meana JJ, Gautron S, \*\*Callado LF\*\*, Fabre V and \*\*Vialou V\*\* \(2019\) Cartography of hevin-expressing cells in the adult brain reveals prominent expression in astrocytes and parvalbumin neurons. \*Brain Structure and Function\*, 224:1219-1244](#)

**CAMPANELLA Salvatore (2010 - EA1030)**

**Co-applicants: Verbanck P, Noël X, Ward RJ.**

**“Binge drinking: Cognitive and brain impairment and their association with immune response”**

**Medical Psychology Laboratory, Brugmann Hospital ULB, Brussels, BE**

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[Stefanini C, Colivicchi M A, Della Corte L, Ward RJ and De Witte P \(2014\) Ethane-β-Sultam Modifies the Activation of the Innate Immune System Induced by Intermittent Ethanol Administration in Female Adolescent Rats. \*Journal of Alcoholism and Drug Dependence\*, 2\(2\):150](#)

[Ward RJ, Lallemand F and De Witte P \(2014\) Influence of adolescent heavy session drinking on the systemic and brain innate immune system. \*Alcohol and Alcoholism\*, 49\(2\):193-197](#)

[Lallemand F, Ward RJ, De Witte P, Petit G, Saeremans M, Verbanck P, Noël X and \*\*Campanella S\*\* \(2013\) Changes in the Innate Immune Responses by Intermittent Ethanol Consumption May Influence Cognition in Susceptible Adolescent Binge Drinkers. \*Journal of Alcoholism and Drug Dependence\*, 1:114-119](#)

[Campanella S, Peigneux P, Petit G, Lallemand F, Saeremans P, Noël X, Metens T, Nouali M, De Tiège X, De Witte P, Ward RJ and Verbanck P \(2013\) Increased cortical activity in binge drinkers during working memory task: a preliminary assessment through a functional magnetic resonance imaging study. \*PLoS ONE\*, 8\(4\), e6220](#)

[Ward R, De Witte P, Lallemand F, Noël X, \*\*Campanella S\*\* and Verbanck P \(2011\) S14. 3 Can Peripheral Markers Indicate Neuroinflammation? \*Alcohol and Alcoholism\*, 46\(suppl 1\), i13-i14](#)

**CANNELLA Nazzeno (2018 - EA1840)**

**Co-applicants: Roberto Ciccocioppo, Anna Maria Eleuteri, Alessio Masi and Michele Petrella.**

**“Effect of beer consumption on microbiota: Can it protect from cognitive decline associated with Alzheimer’s Disease or neurological damage?”**

**School of Pharmacy, University of Camerino, Camerino, IT.**

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Gogoi O, Cekarini V, Bonfili L, D’Argenio V, Zheng Y, Masi A, Eleuteri AM and **Cannella N** (In preparation 2022) Neuroprotective effects of unpasteurized beer in a mouse model of Alzheimer’s disease Veronica Lunerti, Hongwu Li , Federica Benvenuti,

Shen Q, Domi A, Di Martino RMC, Bottegoni G, Haass-Koffler CL and **Cannella N** (in preparation 2022) The multitarget FAAH inhibitor/D3 partial agonist ARN15381 decreases nicotine self-administration and seeking in rats. *Addiction Biology*, Under Revision.

[Borruto AM, Domi A, Soverchia L, Domi E, Li H and \*\*Cannella N\*\* \(2022\) Preclinical Models of Relapse to Psychostimulants Induced by Environmental Stimuli. In: Aguilar M.A. \(eds\) \*Methods for Preclinical Research in Addiction. Neuromethods\*, vol 174. Humana, New York, NY. \[https://doi.org/10.1007/978-1-0716-1748-9\\\_7\]\(https://doi.org/10.1007/978-1-0716-1748-9\_7\)](#)

[Haass-Koffler CL, \*\*Cannella N\*\* and Ciccocioppo R \(2020\). Translational dynamics of alcohol tolerance of preclinical models and human laboratory studies. \*Experimental Clinical Psychopharmacology\*, 28\(4\):417-425](#)

**CANNIZZARO Carla (2016 - EA1642)**

**Co-applicants: Plescia F and Midri M.**

**“Binging on alcohol and social stress in adolescence: a translational research in Sicily (BASTA)”**

**Department of Sciences for Health Promotion and Mother and Child, University of Palermo, IT**

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[Brancato A, Castelli V, Lavanco G, Tringali G, Micale V, Kuchar M, D’Amico C, Pizzolanti G, Feo S, \*\*Cannizzaro C\*\* \(2021\) Binge-like alcohol exposure in adolescence: from intoxication to withdrawal. Behavioral, neuroendocrine and molecular evidence of abnormal neuroplasticity...and return. \*Biomedicines\* 2021 Sep 4;9\(9\):1161.doi: 10.3390/biomedicines9091161](#)

**CHOKSHI Shilpa (2016 - EA1763)**

**Co-applicants: Antonio Riva**

**“Investigating the role of long non-coding RNA in alcoholic liver disease (ALD)”**

**Foundation for Liver Research, London, UK**

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Ryan JM, Adams H, Tsou HL, Devshi D, Harris N, Sieh YX, Hadzhiolova T, Pavlova S, Fairclough S, Atkinson S, Tyson L, Wright G, Patel V, Evans A, Simonova M, Katzarov K, Shawcross DL, Bajaj J, Fagan A, McQuillin A, Thursz M, Morgan MY, Riva A and Chokshi S (submitted 2022) Genetic variants of Interferon Lambda 4 are associated with susceptibility to bacterial infection in alcohol-related liver disease. *Gastroenterology*.

**COLOMBO Giancarlo (2004 - EA0401)**

**Co-applicants: Carai MAM, Lobina C.**

**“Development of a rodent model of beer consumption: investigation on the differential contribution of gustatory and pharmacological factors to beer drinking behaviour”**

**Department of Neuroscience, University of Cagliari, Cagliari - IT**

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[Lobina C, Carai MAM, Froestl W, Mugnaini C, Pasquini S, Corelli F, Gessa GL and \*\*Colombo G\*\* \(2011\) Activation of the GABA<sub>B</sub> receptor prevents nicotine-induced locomotor stimulation in mice. \*Frontiers in Psychiatry\*, 2:76](#)

[Maccioni P, Thomas AW, Carai MAM, Gessa GL, Malherbe P and \*\*Colombo G\*\* \(2010\) The positive allosteric modulator of the GABA<sub>B</sub> receptor, \*rac\*-BHFF, suppresses alcohol self-administration. \*Drug and Alcohol Dependence\*, 109:96-103](#)

[Orrù A, Lobina C, Maccioni P, Gessa G.L., Carai MAM 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, Orrù A, Korkosz A, Gessa GL, Carai MAM and \*\*Colombo G\*\* and Bienkowski P \(2007\) Cue-induced reinstatement of ethanol seeking in Sardinian alcohol-preferring rats. \*Alcohol\*, 41:31-39](#)

**COOKE Richard (2013 - EA1348)**

Co-applicants: de Visser R, Martinez-Raga J, Scholtz U, Beccaria F, Demant J, Fleig L.

*“European Survey of University Student Alcohol Use”*

School of Life & Health Sciences, Aston University, Birmingham - UK

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[Fernandes-Jesus M, Beccaria F, Demant J, Fleig L, Menezes I, Scholz U, de Visser R and \*\*Cooke R\*\* \(2016\) Validation of the drinking motives questionnaire - revised in six European countries. \*Addictive Behaviors\*, 62:91-98](#)

**COSTANZO Simona (2017 - EA1767)**

Co-applicant: Augusto Filippo Di Castelnuovo

*“Biomarkers of subclinical ischemic damage and low-grade inflammation as possible mediators of association between alcohol intake and vascular risk”*

Istituto Neurologico Mediterraneo NEUROMED,, Pozzilli (IS), Italy - IT

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[Caiano LM, \*\*Costanzo S\*\*, Panzera T, Di Castelnuovo A, de Gaetano G, Donati MB, Ageno W and Iacoviello L, on behalf of the Moli-sani Investigators \(2021\) Association between body mass index, waist circumference, and relative fat mass with the risk of first unprovoked venous thromboembolism, \*Nutrition, Metabolism and Cardiovascular Diseases\*. 31\(11\); 3122-3130](#)

<https://doi.org/10.1016/j.numecd.2021.07.018>

**CREA Filippo (2004 - EA0407)**

Co-applicant: de Gaetano G.

*“Mechanisms of the protective effects of alcohol consumption on cardiovascular risk and on myocardial preconditioning”*

Institute of Cardiology, Catholic University of the Sacred Heart, Rome - IT

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[Marinaccio L, Lanza GA, Niccoli G, Fabretti A, Lamendola P, Barone L, Di Monaco A, Di Clemente F and \*\*Crea F\*\*. \(2008\) Effect of low doses of alcohol on the warm-up phenomenon in patients with stable angina pectoris. \*American Journal of Cardiology\*, 102\(2\):146-149](#)



[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](#)

**CUBERO Francisco Javier (2018 - EA1814)**

**Co-applicant: Santiago Canals, Yulia Nevzorova and Maria Teresa Vázquez-Osorio**

**“Dissecting the activation of liver-generated microglia and neuroinflammation during alcohol misuse”**

**Department of Immunology, Complutense University School of Medicine , Madrid - ES**

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[Chen C, Nelson LJ, Ávila MA and \*\*Cubero FJ\*\* \(2019\) Mitogen-Activated Protein Kinases \(MAPKs\) and Cholangiocarcinoma: The Missing Link. \*Cells\*, 8\(10\):1172. Published online 2019 Sep 28. doi: 10.3390/cells8101172](#)

[Cubero FJ \(2019\). Staging NAFLD: Diagnostic and Therapeutic Value of TAM Signaling. \*Cellular and Molecular Gastroenterology and Hepatology\*, pii: S2352-345X\(19\)30169-9. doi: 10.1016/j.jcmgh.2019.11.014](#)

[Cubero FJ, Woitok MM, Zoubek ME, de Bruin A, Hatting M and Trautwein C \(2019\). Disruption of the FasL/Fas axis protects against inflammation-derived tumorigenesis in chronic liver disease. \*Cell Death and Disease\*, 10\(2\):115. Published online 2019 Feb 8. doi: 10.1038/s41419-019-1391-x](#)

[Liao L, Schneider KM, Galvez EJC, Frissen M, Marschall HU, Su H, Hatting M, Wahlström A, Haybaeck J, Puchas P, Mohs A, Peng J, Bergheim I, Nier A, Hennings J, Reißing J, Zimmermann HW, Longerich T, Strowig T, Liedtke C and \*\*Cubero FJ\*\*, Trautwein C \(2019\). Intestinal dysbiosis augments liver disease progression via NLRP3 in a murine model of primary sclerosing cholangitis. \*Gut\*, 68\(8\):1477-1492. doi: 10.1136/gutjnl-2018-316670. Epub 2019 Mar 14](#)

[Manieri E, Herrera-Melle L, Mora A, Tomas-Loba A, Leiva-Vega L, Fernandez DI, Rodriguez E, Morán L, Hernández-Cosido L, Torres JL, Seoane LM, \*\*Cubero FJ\*\*, Marcos M and Sabio G \(2019\) Adiponectin accounts for gender differences in hepatocellular carcinoma incidence. \*Journal of Experimental Medicine\*, 216\(5\):1108-1119](#)

[Lamas-Paz A, Hao F, Nelson LJ, Vazquez MT, Canals S, Gomez Del Moral M, Martinez-Naves E, Nevzorova YA and \*\*Cubero FJ\*\* \(2018\). Alcoholic liver disease: Utility of animal models. \*World Journal of Gastroenterology\*, 7;24\(45\):5063-5075. doi: 10.3748/wjg.v24.i45.5063](#)

**DE GAETANO Giovanni (2008 - EA0827)**

**Co-applicant: Di Castelnuovo A.**

***“Alcohol consumption and mortality risk among patients with cardiovascular disease: a meta-analysis and a longitudinal study on patients with coronary artery disease undergoing surgical revascularization”***

**Università Cattolica del Sacro Cuore, Centro di Ricerche e Formazione ad Alta Tecnologia nelle Scienze Biomediche, Campobasso - IT**

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[Costanzo S, De Curtis A, di Niro V, Olivieri M, Morena M, De Filippo CM, Caradonna E, Krogh V, Serafini M, Pellegrini N, Donati MB, de Gaetano G and Iacoviello L; Polyphemus Observational Study Investigators \(2015\) Postoperative atrial fibrillation and total dietary antioxidant capacity in patients undergoing cardiac surgery: The Polyphemus Observational Study. \*Journal of Thoracic and Cardiovascular Surgery\*, 149\(4\):1175-82.e1](#)

[Costanzo S, Di Castelnuovo A, Benedetta Donati M, Iacoviello L and de Gaetano G \(2011\) Alcohol consumption in relation to vascular and total mortality in patients with diabetes, hypertension or history of cardiovascular disease: a meta-analysis. \*Journal of Wine Research\*, 22\(2\):119-122](#)

[Costanzo S, Di Castelnuovo A, Benedetta Donati M, Iacoviello L and de Gaetano G \(2010\) Alcohol consumption and mortality in patients with cardiovascular disease: a meta-analysis. \*Journal of American College of Cardiology\*, 55\(13\):1339-1347](#)

[Costanzo S, Di Castelnuovo A, Benedetta Donati M, Iacoviello L and de Gaetano G \(2010\) Cardiovascular and overall mortality risk in relation to alcohol consumption in patients with cardiovascular disease. \*Circulation\*, 121\(17\):1951-1959](#)

**DE GRAAF Kees (2011 - EA1145)**

**Co-applicants: Feskens EJM, Astrup AV, Kok FJF, Sierksma A.**

***“Dietary patterns and nutrient intakes of beer consumers compared to consumers of other (non-)alcoholic drinks”***

**Department of Human Nutrition, Wageningen University, Wageningen – NL**

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[Sluik D, Jankovic N, Hughes M, O’Doherty MG, Schöttker B, Drygas W, Rolandsson O, Männistö S, Ordóñez-Mena JM, Ferriere J, Bamia C, de Gaetano G, Kieft-De Jong JC, Franco OH, Sluijs I, Spijkerman AMW, Sans S, Eriksson S, Kromhout D, Trichopoulou A, Wilsgaard T, Brenner H, Kuulasmaa K, Laatikainen T, Söderberg S, Iacoviello L, Boffetta P, Kee F and Feskens EJM \(Dr. de Graaf’s team\) \(2017\) Alcoholic beverage preference and diabetes incidence across Europe: the Consortium on Health and Ageing Network of Cohorts in Europe and the United States \(CHANCES\) project. \*European Journal of Clinical Nutrition\*, 71:659–668](#)

[Sluik D, Jankovic N, O'Doherty MG, Geelen A, Schöttker B, Rolandsson O, Kieft - de Jong JC, Ferrieres J, Bamia C, Fransen HP, Boer JMA, Eriksson S, Martinez B, Huerta JM, Kromhout D, de Groot LCPGM, Franco OH, Trichopoulou A, Boffetta P, Kee F and Feskens EJM \(Dr. de Graaf's team\) \(2016\) Alcoholic beverage preference and dietary habits in elderly across Europe: analyses within the consortium on health and ageing: network of cohorts in Europe and the United States \(CHANCES\) project. \*PLoS ONE\*, 11\(8\): e0161603](#)

[Sluik D, Brouwer-Brolsma EM, de Vries JHM, Geelen A and Feskens EJM \(Dr. de Graaf's team\) \(2016\) Associations of alcoholic beverage preference with cardiometabolic and lifestyle factors: the NQplus study. \*BMJ open\*, 6\(6\):e010437](#)

[Sluik D, Bezemer R, Sierksma A and Feskens EJM \(Dr. de Graaf's team\) \(2016\) Alcoholic beverage preference and dietary habits: a systematic literature review. \*Critical Reviews in Food Science and Nutrition\*, 56\(14\):2370-2382](#)

[Sluik D, van Lee L, Geelen A and Feskens EJM \(Dr. de Graaf's team\) \(2014\) Alcoholic beverage preference and diet in a representative Dutch population: the Dutch National Food consumption Survey 2007 – 2010. \*European Journal of Clinical Nutrition\*, 68\(3\):287-94; doi:10.1038/ejcn.2013.279](#)

[Sluik D, van Lee L, Geelen A and Feskens EJM \(Dr. de Graaf's team\) \(2013\) Alcoholic beverage preference and diet in the Netherlands. \*Annals of Nutrition and Metabolism\*, 63\(suppl1\): 957](#)

**DELLA CORTE Laura (2007 - EA0723)**

**Co-applicants: Dexter DT, Ward RJ.**

***“Molecular and cellular damage induced by binge drinking in adolescents. Can this be diminished by targeted protaurine drugs?”***

**Department of Preclinical and Clinical Pharmacology, University Firenze, Firenze - IT**

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[Stefanini C, Colivicchi MA, Della Corte L, Ward RJ, De Witte P, Lallemand F, Hemmings K, Pitard A, Page MI, Nayak K and Dexter DT \(2014\) Ethane-b-sultam modifies the activation of the innate immune system induced by intermittent ethanol administration in female adolescent rats. \*Journal of Alcoholism & Drug Dependence\*, 2\(2\)](#)

[Ward RJ, Lallemand F, De Witte P, Crichton RR, Piette J, Tipton K, Hemmings K, Pitard A, Page M, Della Corte L, Taylor D and Dexter D \(2011\) Anti-inflammatory actions of a taurine analogue, ethane b-sultam, in phagocytic cells, \*in vivo\* and \*in vitro\*. \*Biochemical Pharmacology\*, 81\(6\):743-751](#)

[Lallemand F, Ward RJ 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, 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, Colivicchi MA, Allen R, Schol F, Lallemand F, De Witte P, Ballini C, \*\*Della Corte L\*\* and Dexter D \(2009\) Neuro-inflammation induced in the hippocampus of "binge drinking" rats may be mediated by elevated extracellular glutamate content. \*Journal of Neurochemistry\*, 111\(5\):1119-1128](#)

[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\(1\), 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\(6-8\), 355-361](#)

**DE LORGERIL Michel (2005 - EA0520)**

**Co-applicant: Iacoviello L.**

***"Effect of ethanol drinking on the metabolism of essential fatty acids in 3 very different European populations"***

**Laboratoire Nutrition, Vieillesse et Maladies Cardiovasculaires (NVMCV), Université Joseph Fourier, La Tronche - FR**

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[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 and Iacoviello L, 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 and Iacoviello 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 VISSER Richard (2011 - EA1111)**

**<sup>1</sup> Co-applicants: Abraham C, Hart A.**

***"Understanding and promoting young people's strategies for moderate alcohol consumption"***

School of Psychology, University of Sussex, Falmer - UK

---

[Graber R, de Visser RO, Abraham C, Memon A, Hart A and Hunt K \(2016\) Staying in the 'sweet spot': A resilience-based analysis of the lived experience of low-risk drinking and abstention among British youth. \*Psychology and Health\*, 31\(1\):79-99](#)

[De Visser RO, Hart A, Abraham C, Graber R, Scanlon T and Memon A \(2014\) How alike are young non-drinkers, former-drinkers, low-risk drinkers, and hazardous drinkers? \*Addictive Behaviors\*, 39\(8\):1258-1264](#)

[De Visser RO, Hart A, Abraham C, Memon A, Graber R and Scanlon T \(2014\) Which alcohol control strategies do young people think are effective? \*Drug and Alcohol Review\*, 33\(2\):144-151](#)

DE VISSER Richard (2014 - EA1425)

Co-applicants: Cooke R, Ashby P, Cooper G, Memon A.

*"Intervention to measure impact of using unit-marked glasses for alcohol consumption in adults"*

School of Psychology, University of Sussex, Falmer - UK

---

[De Visser RO, Brown C, Cooke R, Cooper G and Memon A \(2016\) Using Alcohol Unit-marked Glasses Enhances Capacity To Monitor Intake: Evidence From a Mixed-method Intervention Trial. \*Alcohol and Alcoholism\*, 52\(2\):206-212](#)

DE VRIES Taco (2011 - EA1135)

Co-applicants: Spijker S, Smit AB, Pattij T, Loos M.

*"Identification of a genetic risk-factor for alcohol seeking and relapse"*

Center for eurogenomics & Cognitive Research, VU University, Amsterdam - NL

---

[Loos M, Staal J, Smit AB, de Vries TJ and Spijker S \(2013\) Enhanced alcohol self-administration and reinstatement in a highly impulsive, inattentive recombinant inbred mouse strain. \*Frontiers in Behavioral Neuroscience\*, 7\(article 151\)](#)

DE WITTE Philippe (2003 - EA0312)

Co-applicant: /

*"Neuropsychobiological mechanisms underlying the co-dependence alcohol-nicotine and the respective neurotoxicities occurring during their combined consumptions and their withdrawals"*

Laboratory of Behavioural Biology, Université Catholique de Louvain, Louvain-la- Neuve - BE

---

[Lallemand F, Ward RJ, \*\*De Witte P\*\* and Verbanck P \(2011\). Binge drinking +/- chronic nicotine administration alters extracellular glutamate and arginine levels in the nucleus accumbens of adult male and female Wistar rats. \*Alcohol and Alcoholism\*, 46\(4\):373-382](#)

[D'Souza El-Guindy NB, Kovacs EJ and \*\*De Witte P\*\*, Spies C, Littleton JM, de Villiers WJS, Lott AJ, Plackett TP, Lanzke N, Meadows GG \(2010\). Laboratory models available to study alcohol-induced organ damage and immune variations: choosing the appropriate model. \*Alcoholism: Clinical and Experimental Research\*, 34\(9\):1489-1511](#)

[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](#)

[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](#)

[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](#)

**DHANDA Ashwin (2018 - EA1858)**

**Co-applicants: Garry Farnham, Mat Upton, Matthias Futschik and Vasilis Lenis.**

**“The role of the circulating microbiome in determining outcome in patients with alcohol related liver disease.”**

**Department of Hepatology, University of Plymouth, Plymouth - UK**

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**DOOLEY Steven (2006 - EA0624)**

**Co-applicants: Breitkopf K, Singer MV.**

**“Delineating the role of TGF- $\beta$  signal transduction in alcohol dependent steatosis and steatohepatitis”**

**Department of Medicine II, University Hospital, Mannheim - DE**

---

[Meyer C, Meindl-Beinker NM and \*\*Dooley S\*\* \(2010\) TGF-beta signalling in alcohol induced hepatic injury. \*Frontiers in Bioscience \(Landmark Edition\)\*, 1\(15\) :740-9](#)

[Ciucan L, Singer MV, Craciun C and \*\*Dooley S\*\* \(2010\) Negative feedback regulation of TGF- \$\beta\$  signaling by the Ski oncoprotein in mouse hepatocytes. \*Annals of RSCB\*, 15\(1\):19-27](#)

[Ciucan L, Ehnert S, Ilkavets I, Weng H-L, Gaitantzi H, Tsukamoto H, Ueberham E, Singer MV, Breitkopf K and \*\*Dooley S\*\* \(2010\) TGF- \$\beta\$  enhances alcohol dependent hepatocyte damage via down regulation of alcohol dehydrogenase I. \*Journal of Hepatology\*, 52\(3\):407-416](#)

[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 \(2010\) Alcohol, Signaling and ECM turnover. \*Alcohol: Clinical and Experimental Research\*, 34\(1\) :4-18](#)

[Breitkopf K, Nagy LE, Beier JI, Mueller S, Weng H and \*\*Dooley S\*\* \(2009\) Current experimental perspectives on the clinical progression of Alcoholic Liver Disease \(ALD\). \*Alcohol: 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\(5\) :289-299](#)

[\*\*Dooley S\*\*, Hamzavi J, Ciucan 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- \$\beta\$  mediated fibrogenesis and protects against liver damage. \*Gastroenterology\*, 135\(2\) :642-659](#)

[Meindl-Beinker NM and \*\*Dooley S\*\* \(2008\) TGF- \$\beta\$  and hepatocyte trans-differentiation in liver fibrogenesis. \*Journal of Gastroenterology and Hepatology\*, 23\(Suppl.1\):122-127](#)

**FLENSBORG-MADSEN Trine (2012 - EA1210)**

**Co-applicants: Mikkelsen SS, Mortensen EL, Gronbaek M, Tolstrup J.**

**“The effects of psychosocial factors upon risk of developing alcohol use disorders. A longitudinal study”**

**Institute of Public Health, University of Copenhagen - DK**

---

[Just-Østergaard E, Mortensen EL, Tolstrup J and \*\*Flensburg-Madsen T\*\* \(2018\) Vital exhaustion and risk of alcohol use disorders: a prospective cohort study. \*Journal of Psychosomatic Research\*, 114:25-30](#)

[Just-Østergaard E, Mortensen EL and \*\*Flensburg-Madsen T\*\* \(2018\) Major life events and risk of alcohol use disorders: a prospective cohort study. \*Addiction\*, 113\(1\):25-33](#)

[Mikkelsen SS, Tolstrup JS, Becker U, Mortensen EL and \*\*Flensburg-Madsen T\*\* \(2015\) Social network as predictor of onset of alcohol use disorders: A prospective cohort study. \*Comprehensive Psychiatry\*, 61:57-63](#)

**GALLUS Silvano (2003 - EA0305)**

Co-applicants: Franceschi S, Levi F, Trichopoulos D, Talamini R.

*“Role of different types of alcohol on the risk of cancer: Analysis of data from case-control studies conducted in Italy, Greece and Switzerland over the last two decades”*

Laboratory of Epidemiology, Istituto di Ricerche Farmacologiche "Mario Negri", Milan - IT

---

[Garavello W, Bosetti C, \*\*Gallus S\*\*, Dal Maso L, Negri E, Franceschi S and La Vecchia C \(2006\) Type of alcoholic beverage and the risk of laryngeal cancer. \*European Journal of Cancer Prevention\*, 15:69-73](#)

[Randi G, Altieri A, \*\*Gallus S\*\*, Franceschi S, Negri E, Talamini R and La Vecchia C \(2005\) History of cirrhosis and risk of digestive tract neoplasms. \*Annals of Oncology\*, 16:1551-1555](#)

[Altieri A, Garavello W, Bosetti C, \*\*Gallus S\*\* and La Vecchia C \(2005\) Alcohol consumption and risk of laryngeal cancer. \*Oral Oncology\*, 41:956-965](#)

[Negri E, La Vecchia C, Pelucchi C and Tavani A \(2005\) The risk of acute myocardial infarction after stopping drinking. \*Preventive Medicine\*, 40:725-728. \(S. Gallus team\)](#)

[Altieri A, Bosetti C, \*\*Gallus S\*\*, Franceschi S, Dal Maso L, Talamini R, Levi F, Negri E, Rodriguez T and La Vecchia C \(2004\) Wine, beer and spirits and risk of oral and pharyngeal cancer: a case-control study from Italy and Switzerland. \*Oral Oncology\*, 40:904-909](#)

[Augustin LSA, \*\*Gallus S\*\*, Tavani A, Bosetti C, Negri E and La Vecchia C \(2004\) Alcohol consumption and acute myocardial infarction: a benefit of alcohol consumed with meals? \*Epidemiology\*, 15\(6\):767-769](#)

[Crispo A, Talamini R, \*\*Gallus S\*\*, Negri E, Gallo A, Bosetti C, La Vecchia C, Dal Maso L, and Montella M \(2004\) Alcohol and the risk of prostate cancer and benign prostatic hyperplasia. \*Urology\*, 64:717-722. <https://pubmed.ncbi.nlm.nih.gov/15491708/>](#)



[Naldi L, \*\*Gallus S\*\*, Tavani A, Imberti GL and La Vecchia C \(2004\) Risk of melanoma and vitamin A, coffee and alcohol: a case-control study from Italy. \*European Journal of Cancer Prevention\*, 13:503-508](#)

**GLADWIN Thomas (2012 - EA 12 39)**

**Co-applicant: Wiers RW.**

**“More effective change of alcohol-related cognitive biases via enhancement of mediating processes”**

**Department of Psychology, University of Amsterdam – NL**

---

[Den Uyl TE, \*\*Gladwin TE\*\*, Lindenmeyer J and Wiers RW \(2018\) A clinical trial with combined transcranial Direct Current Stimulation and attentional bias modification in alcohol dependent patients. \*Alcoholism: Clinical and Experimental Research\*, 22\(6\):1632-1640](#)

[\*\*Gladwin TE\*\*, Salemink E, Garritsen H, Noom S, Kraaij G and Wiers RW \(2018\) Is alcohol-related aggression related to automatic alcohol-power or alcohol-aggression associations? \*Psychology of Violence\*, 8\(2\):229-237](#)

[\*\*Gladwin TE\*\* \(2017\) Negative effects of an alternating-bias training aimed at attentional flexibility: A single session study. \*Health Psychology and Behavioral Medicine\*, 5\(1\): 41-56](#)

[\*\*Gladwin TE\*\* \(2017\) Attentional bias variability and cued attentional bias for alcohol stimuli. \*Addiction Research and Theory\*, 25\(1\):32-38](#)

[Den Uyl TE, \*\*Gladwin TE\*\*, Rinck M, Lindenmeyer J and Wiers RW \(2016\) A Clinical Trial with Combined Transcranial Direct Current Stimulation and Alcohol Approach Bias Retraining. \*Addiction Biology\*, 22\(6\):1632-1640](#)

[Korucuoglu O, \*\*Gladwin TE\*\*, Baas F, Mocking RJT, Ruhe HG, Groot PFC and Wiers RW \(2016\) Neural response to alcohol taste cues in youth: effects of the OPRM1 gene. \*Addiction Biology\*, 22\(6\):1562-1575](#)

[Wiers CE, \*\*Gladwin TE\*\*, Ludwig VU, Gropper S, Stuke H, Wiers RW, Walter H and Bermpohl F \(2016\) Comparing three cognitive biases for alcohol cues in alcohol dependence. \*Alcohol and Alcoholism\*, 52\(2\):242-248](#)

[Den Uyl TE, \*\*Gladwin TE\*\* and Wiers RW \(2016\) Electrophysiological and Behavioural Effects of Combined Transcranial Direct Current Stimulation and Alcohol Approach Bias Retraining in Hazardous Drinkers. \*Alcoholism: Clinical and Experimental Research\*, 40\(10\):2124-2133](#)

[Korucuoglu O, \*\*Gladwin TE\*\* and Wiers RW \(2016\) The effect of acute alcohol on motor-related EEG asymmetries during preparation of approach or avoid alcohol responses. \*Biological Psychology\*, 114:81-92](#)

[Wiers RW, Boelema S, Nikolaou K and \*\*Gladwin TE\*\* \(2015\) On the Development of Implicit and Control Processes in Relation to Substance Use in Adolescence. \*Current Addiction Reports\* 2\(2\):141-155](#)

[Wiers CE, Stelzel C, \*\*Gladwin TE\*\*, Park SQ, Pawelczack S, Gawron CK, Stuke H, Heinz A, Wiers RW, Rinck M, Lindenmeyer J, Walter H and Bermpohl F \(2015\) Effects of Cognitive Bias Modification-Training on Neural Alcohol Cue Reactivity in Alcohol-Dependence. \*American Journal of Psychiatry\*, 172\(4\):335-343](#)

[Korucuoglu O, \*\*Gladwin TE\*\* and Wiers RW \(2015\) Alcohol-induced changes in conflict monitoring and error detection as predictors of alcohol use in late adolescence. \*Neuropsychopharmacology\*, 40\(3\):614-21](#)

[Den Uyl TE, \*\*Gladwin TE\*\* and Wiers RW \(2015\) Transcranial Direct Current Stimulation, Implicit Alcohol Associations and Craving. \*Biological Psychology\*, 105:37-42](#)

[\*\*Gladwin TE\*\*, Rinck M, Eberl C, Becker ES, Lindenmeyer J and Wiers RW \(2014\) Mediation of Cognitive Bias Modification for Alcohol Addiction via Stimulus-specific Alcohol Avoidance Association. \*Alcoholism: Clinical and Experimental Research\*, 39\(1\):101-107](#)

[\*\*Gladwin TE\*\*, Mohr SE and Wiers RW \(2014\) The Potential Role of Temporal Dynamics in Approach Biases: Delay-dependence of a General Approach Bias in an Alcohol Approach-Avoidance Task. \*Frontiers in Psychology\*, 5:1398](#)

**GOUDRIAAN Anna (2010 - EA1027)**

**Co-applicants: van den Brink W, Veltman DJ.**

**“Changing the vulnerable brain: a neuromodulation study in alcohol dependence”**

**Department of Psychiatry, Academic Medical Center, Amsterdam – NL**

---

[Schluter RS, Jansen JM, van Holst RJ, van den Brink W and \*\*Goudriaan AE\*\* \(2018\) Differential effects of left and right prefrontal high-frequency repetitive transcranial magnetic stimulation on resting-state functional magnetic resonance imaging in healthy individuals. \*Brain Connectivity\*, 8\(2\): 60-67](#)

[van Timmeren T, Jansen JM, Caan MW, \*\*Goudriaan AE\*\* and van Holst RJ \(2016\) White matter integrity between left basal ganglia and left prefrontal cortex is compromised in gambling disorder. \*Addiction Biology\*, 22\(6\):1590-1600](#)

[Jansen JM, van Wingen G, van den Brink W and Goudriaan AE \(2015\) Resting state connectivity in alcohol dependent patients and the effect of repetitive transcranial magnetic stimulation. \*European Neuropsychopharmacology\*, 25\(12\):2230-2239](#)

[Jansen JM, van Holst RJ, van den Brink W, Veltman DJ, Caan MWA and Goudriaan AE \(2015\) Brain function during cognitive flexibility and white matter integrity in alcohol-dependent patients, problematic drinkers and healthy controls. \*Addiction Biology\*, 20\(5\):979-989](#)

[Goudriaan AE \(2014\) Stepping up the game. \*Addiction\*, 109\(9\):1409-1413](#)

[Jansen JM, Daams JG, Koeter MWJ, Veltman DJ, van den Brink W and Goudriaan AE \(2013\) Effects of non-invasive neurostimulation on craving: a meta-analysis. \*Neuroscience and Biobehavioral Reviews\*, 37\(10\):2472-2480](#)

**GRONBAEK Morten (2006 - EA0627)**

Co-applicant: Thomsen JB.

*“A follow-up study on determinants for early alcohol debut and consequences of early debut for later psychosocial well-being, lifestyle and health”*

The Danish National Institute of Public Health, Copenhagen - DK

---

[Vinther-Larsen M, Riegels M, Rod MH, Schiøtz M, Curtis T and Grønbaek M \(2010\) The Danish youth cohort: characteristics of participants and non-participants and determinants of attrition. \*Scandinavian Journal of Public Health\*, 38:648-656](#)

[Eliassen M, Kjær SK, Munk C, Nygård M, Sparén P, Tryggvadóttir L, Liaw KL and Grønbaek M \(2009\) The relationship between age at drinking onset and subsequent binge drinking among women. \*European Journal of Public Health\*, 19 \(4\): 378–382 \(ERAB funding not acknowledged\)](#)

**GUERRI Consuelo (2013 - EA1308)**

Co-applicants: Minarro J, Pascual M, Alfonso-Loeches S, Montesinos J.

*“Is the neuroimmune response involved in the neurotoxic and behavioural consequences of binge alcohol drinking during adolescence?”*

Cell Pathology Laboratory, Research Center Prince Felipe, Valencia - ES

---

[Pascual M, Montesinos J and Guerri C \(2018\) Role of the innate immune system in the neuropathological consequences induced by adolescent binge drinking. \*Journal of Neuroscience Research\*, 96\(5\):765-780](#)

[Pascual M, Montesinos J, Marcos M, Torres JL, Costa Alba P, García García F, Laso FJ and \*\*Guerri C\*\* \(2017\) Gender differences in the inflammatory cytokine and chemokine profiles induced by binge ethanol drinking in adolescence. \*Addiction Biology\*, 22\(6\):1829-1841](#)

[Montesinos J, Gil A and \*\*Guerri C\*\* \(2017\) Nalmefene Prevents Alcohol-Induced Neuroinflammation and Alcohol Drinking Preference in Adolescent Female Mice: Role of TLR4. \*Alcoholism: Clinical and Experimental Research\*, 41\(7\),1257-1270](#)

[Montesinos J, Pascual M, Rodríguez-Arias M, Miñarro J and \*\*Guerri C\*\* \(2016\) Involvement of TLR4 in the long-term epigenetic changes, rewarding and anxiety effects induced by intermittent ethanol treatment in adolescence. \*Brain, Behavior and Immunity\*, 53:159-171](#)

[Alfonso-Loeches S, Urena-Peralta J, Morillo-Bargues J, Gomez-Pinedo U and \*\*Guerri C\*\* \(2015\) Ethanol-induced TLR4/NLRP3 neuroinflammatory response in microglial cells promotes leukocyte infiltration across the BBB. \*Neurochemical Research\*, 41\(1-2\):193-209](#)

[Montesinos J, Pascual M, Pla A, Maldonado C, Rodriguez-Arias M, Minarro J and \*\*Guerri C\*\* \(2015\) TLR4 elimination prevents synaptic and myelin alterations and long-term cognitive dysfunctions in adolescent mice with intermittent ethanol treatment. \*Brain, Behavior, and Immunity\*, 45:233-244](#)

[Alfonso-Loeches S, Urena-Peralta JR, Morillo-Bargues MJ, Oliver-De la Cruz J and \*\*Guerri C\*\* \(2014\) Role of mitochondria ROS generation in ethanol-induced NLRP3 inflammasome activation and cell death in astroglial cells. \*Frontiers in Cellular Neuroscience\*, 8\(216\)](#)

[Pascual M, Balino P, Aragon CMG and \*\*Guerri C\*\* \(2014\) Cytokines and chemokines as biomarkers of ethanol-induced neuroinflammation and anxiety-related behaviour: role of TLR4 and TLR2. \*Neuropharmacology\*, 89:352-359](#)

**HAGGER Martin (2007 - EA0710)**

**Co-applicants: Hein V, Lindwall M, Lintunen T.**

**“A psychosocial intervention to reduce high-risk single session alcohol (binge) drinking among company employees in a workplace setting in four European nations”**

**School of Psychology, University Nottingham, Nottingham - UK**

---

[Hagger MS, Lonsdale A, Koka A, Hein V, Pasi H, Lintunen T and Chatzisarantis NLD \(2012\) An intervention to reduce alcohol consumption in undergraduate students using implementation intentions and mental simulations: a cross-national study. \*International Journal of Behavioral Medicine\*, 19\(1\):82-96](#)

[Hagger MS, Lonsdale AJ and Chatzisarantis NLD \(2012\) A theory-based intervention to reduce alcohol drinking in excess of guideline limits among undergraduate students. \*British Journal of Health Psychology\*, 17\(1\):18-43](#)

[Hagger MS, Lonsdale A, Hein V, Koka A, Lintunen T, Pasi H, Lindwall M, Rudolfsson L and Chatzisarantis NLD \(2011\) Predicting alcohol consumption and binge drinking in company employees: An application of planned behaviour and self-determination theories. \*British Journal of Health Psychology\*, 17\(2\):379-407](#)

[Hagger MS, Lonsdale A and Chatzisarantis NLD \(2011\) Effectiveness of a brief intervention using mental simulations in reducing alcohol consumption in corporate employees. \*Psychology, Health and Medicine\*, 16\(4\):375-392](#)

**HELLEBRAND Claus (2018 - EEP1807)**

**Co-applicants: Bergheim I.**

**“Analysis of the synergistic anti-inflammatory effect of the hop derived beer compounds iso-alpha-acids and xanthohumol”**

**Friedrich-Alexander-University, Erlangen-Nürnberg- DE**

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**HENDRIKS Henk (2008 - EA0821)**

**Co-applicants: van Ommen B, Van Erk MJ, Joosten MM.**

**“Effects of moderate alcohol consumption on gene expression in subcutaneous adipose tissue in lean and overweight postmenopausal women”**

**Business Unit Biosciences, TNO Quality of Life, AJ Zeist - NL**

---

[Joosten MM, van Erk MJ, Pellis L, Witkamp RF and Hendriks HFJ \(2011\) Moderate alcohol consumption alter both leucocyte gene expression profiles and circulating proteins related to immune response and lipid metabolism in men. \*British Journal of Nutrition\*, 108\(4\):620-627](#)

[Joosten MM, Witkamp RF and Hendriks HFJ \(2011\) Alterations in total and high-molecular-weight adiponectin after 3 weeks of moderate alcohol consumption in premenopausal women. \*Metabolism: Clinical and Experimental\*, 60\(8\):1058-1063](#)

**HILLEMACHER Thomas (2008 - EA0806)**

**Co-applicants: Donath C, Grässel E.**

***“Risk factors for alcohol binge drinking in native adolescents and immigrants in Germany”***

**Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie, Hannover - DE**

---

[Donath C, Graessel E, Baier D, Bleich S and Hillemacher T \(2014\) Is parenting style a predictor of suicide attempts in a representative sample of adolescents? \*BMC Pediatrics\*, 14:113](#)

[Donath C, Grässel E, Baier D, Pfeiffer C, Bleich S and Hillemacher T \(2012\) Predictors of binge drinking in adolescents: ultimate and distal factors – a representative study. \*BMC Public Health\*, 12:263](#)

[Donath C, Grässe E, Baier D, Pfeiffer C, Karagülle D, Bleich S and Hillemacher T \(2011\) Alcohol consumption and binge drinking in adolescents: comparison of different migration backgrounds and rural vs. urban residence – a representative study. \*BMC Public Health\*, 11:84](#)

[Karagülle D, Donath C, Bleich S and Hillemacher T \(2010\) Rauschtrinken bei Jugendlichen und jungen Erwachsenen. \*Fortschritte der Neurologie - Psychiatrie\*, 78\(4\):196-202](#)

**HOUBEN Katrijn (2009 - EA0913)**

**Co-applicants: Jansen A, Wiers RW.**

***“Training executive functions to reduce alcohol abuse: restoring control over automatic impulses to drink alcohol”***

**Faculty of Psychology and Neuroscience, University of Maastricht, Maastricht - NL**

---

[Wiers RW, Houben K, Fadardi JS, van Beek P, Rhemtulla M and Cox WM \(2015\) Alcohol cognitive bias modification training for problem drinkers over the web. \*Addictive Behaviors\*, 40:21-26](#)

[Houben K, Havermand RC, Nederkoorn C and Jansen A \(2012\) Beer à no-go: learning to stop responding to alcohol cues reduces alcohol intake via reduced affective associations rather than increase response inhibition. \*Addiction\*, 107\(7\):1280-1287](#)

[Houben K, Wiers RW and Jansen A \(2011\) Getting a grip on drinking behavior: training working memory to reduce alcohol abuse. \*Psychological Science\*, 22\(7\):968-975.](#)

[Houben K, Nederkoorn C, Wiers RW and Jansen A \(2011\) Resisting temptation: decreasing alcohol-related affect and drinking behavior by training response inhibition. \*Drug and Alcohol Dependence\*, 116\(1-3\):132-136](#)

[Houben K \(2010\) Stoppen met drinken kan je leren: 'Een impulsieve en een reflectieve route naar gedragsverandering'. \*Psychologie en Gezondheid\*, 38\(4\):153-162](#)

**HUIZINK Anja (2006 - EA0609 ; EXA0601)**

**Co-applicants: Ferdinand RF, Verhulst FC, van der Ende J, van Gastel W.**

**“Stress reactivity, psychopathology and age at first alcohol use”**

**Department of Child and Adolescent Psychiatry, Erasmus Medical Centre, Rotterdam - NL**

---

[Evans BE, Greaves-Lord K, Euser AS, Franken IHA and \*\*Huizink AC\*\* \(2012\) The relation between hypothalamic-pituitary-adrenal \(HPA\) axis activity and age of onset of alcohol use. \*Addiction\*, 107\(2\):312-322](#)

[Greaves-Lord K, Tulen JHM, Dietrich A, Sondejker FEPL, van Roon A, Oldehinkel AJ, Ormel J, Verhulst FC and \*\*Huizink AC\*\* \(2010\) Reduced autonomic flexibility as a predictor for future anxiety in girls from the general population: the TRAILS study. \*Psychiatry Research\*, 179\(2\):187-193](#)

[Van Oort FVA, Greaves-Lord K, Verhulst FC, Ormel J and \*\*Huizink AC\*\* \(2009\) The developmental course of anxiety symptoms during adolescence: the TRAILS study. \*Journal of Child Psychology and Psychiatry\*, 50\(10\):1209-1217](#)

[Greaves-Lord K, \*\*Huizink AC\*\*, Oldehinkel AJ, Ormel J, Verhulst FC and Ferdinand RF \(2009\) Baseline cortisol measures and developmental pathways of anxiety in early adolescence. \*Acta Psychiatrica Scandinavica\*, 120\(3\):178-186](#)

[\*\*Huizink AC\*\*, Greaves-Lord K, Oldehinkel AJ, Ormel J and Verhulst FC \(2009\) Hypothalamic-pituitary-adrenal axis and smoking and drinking onset among adolescents: the longitudinal cohort study TRAILS. \*Addiction\*, 104:1927-1936](#)

**HUIZINK Anja (2017 - EA1720)**

**Co-applicants: Heleen Riper and Michael P. Schaub.**

**“Testing an Internet-based guided self-help intervention to reduce alcohol misuse and co-occurring depression symptoms in students: Take Care of You”**

**Faculty of Behavioral and Movement Sciences, Vrije Universiteit Amsterdam, Amsterdam - NL**

---

[Boumparis N, Schulte MH, Kleiboer A, \*\*Huizink A\*\* and Riper H \(2021\) A Mobile Intervention to Promote Low-risk Drinking Habits in Young Adults: Protocol for A Randomized Controlled Trial. \*JMIR Research Protocols\*, 10\(6\): e29750](#)

**IMHOF Armin (2003 - EA0306)**

Co-applicants: Wohlfrom M, Hoffmeister A, Koenig W, Hanke H.

*“Alcohol, inflammation and atherosclerosis Parts 1, 2 and 3”*

Department of Internal Medicine, University of Ulm, Ulm - DE

---

[Kächele M, Wolff S, Kratzer W, Haenle M, Homann J, Trischler G, Koenig W and \*\*Imhof A\*\* \(2015\) Presence of fatty liver and the relationship between alcohol consumption and markers of inflammation. \*Mediators of inflammation\*, 278785](#)

[Imhof A, Plamper I, Maier S, Trischler G and Koenig W \(2009\) Effect of drinking on adiponectin in healthy men and women. \*Diabetes Care\*, 32:1101-1103](#)

[Imhof A, Blagieva R, Marx N and Koenig W \(2008\) Drinking modulates monocyte migration in healthy subjects: a randomised intervention study of water, ethanol, red wine and beer with or without alcohol. \*Diabetes and Vascular Disease Research\*, 5:48-53](#)

**JACOBS Edwin H. (2007 - EA0714)**

Co-applicants: Schoffemeer ANM, De Vries TJ, Van der Horst GTJ.

*“The bidirectional relationship between the biological clock and alcohol addiction”*

Department of Cell Biology and Genetics, Erasmus University Medical Center, Rotterdam - NL

---

[Papachristos EB, \*\*Jacobs EH\*\* and Elgersma Y \(2011\) Interval timing is intact in arrhythmic Cry1/Cry2-deficient mice. \*Journal of Biological Rhythms\*, 26\(4\):305-313](#)

**JACOBS Nele. (2016 - EA1634)**

Co-applicants: Lechner L, Thewissen V, Sierksma A, and Duif M..

*“Alcohol consumption in daily life: A mobile ecological momentary assessment study in a general population sample”*

Faculty of Psychology and Educational Sciences, Open University, DL Heerlen - NL

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[Duif M, Thewissen V, Wouters S, Lechner L and Jacobs N \(2019\) Stress, Negative Affect, and Alcohol Consumption in Daily Life: An Ecological Momentary Assessment Study in an Adult Sample. \*The American Journal of Drug and Alcohol Abuse\*, 46\(1\):1-10. DOI: \[10.1080/00952990.2019.1635606\]\(#\)](#)

[Duif M, Thewissen V, Wouters S, Lechner L and Jacobs N \(2019\) Affective Instability and Alcohol Consumption: Ecological Momentary Assessment in an Adult Sample. \*Journal of Studies on Alcohol and Drugs\*, 80\(4\):441-447.](#)

[Duif M, Thewissen V, Wouters S, Lechner L and Jacobs N \(2019\) Associations between affect and alcohol consumption in adults: an ecological momentary assessment study. \*The American Journal of Drug and Alcohol Abuse\*, DOI: \[10.1080/00952990.2019.1635606\]\(#\)](#)

**JONES D.E.J (2006 - EA0639)**

Co-applicant: Kendrick SFW

*“The effect of ethanol on histone acetylation at pro-inflammatory cytokine genes and its contribution to the clinical syndrome of alcoholic hepatitis”*

School of Clinical Medical Sciences, University of Newcastle upon Tyne, Newcastle upon Tyne - UK

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[Kendrick SFW, O’Boyle G, Mann J, Zeybel M, Palmer J, Jones DEJ and Day CP \(2010\) Acetate, the key modulator of inflammatory responses in acute alcoholic hepatitis. \*Hepatology\*, 51:1988-1997](#)

**KONING Ina (2014 - EA1441)**

Co-applicants: Van den Eijnden R, Vollebergh W, De Houwer J.

*“More is caught than thought: A ground-breaking study on the role implicit parenting processes on adolescents’ alcohol use”*

Social and Behavioural Sciences, University of Utrecht - NL

---

[Koning IM, Spruyt A, Doornwaard SM, Turrisi R, Heider N and De Houwer J \(2017\) A different view on parenting: automatic and explicit parenting cognitions in adolescents’ drinking behavior. \*Journal of Substance Use\*, 22\(1\):96-101](#)

**LAMUELA-RAVENTOS Rosa M. (2011 - EA1117)**

Co-applicants: Estruch Riba R, Medina Remon A, Arranz S, di Lecce G.

*“Evaluation of risks and benefits of moderate beer consumption in 1000 subjects at high cardiovascular risk using a new beer biomarker”*

Department of Nutrition and Food Science, School of Pharmacy, University of Barcelona, Barcelona – ES

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[Quifer-Rada P, Vallverdu-Queralt A, Martinez-Huélamo M, Chiva-Blanch G, Jauregui O, Estruch R and \*\*Lamuela-Raventós RM\*\* \(2015\) A comprehensive characterisation of beer polyphenols by high resolution mass spectrometry \(LC-ESI-LTQ-Orbitrap-MS\). \*Food Chemistry\*, 169:336-343](#)

[Chiva-Blanch G, Magraner E, Condines X, Valderas-Martinez P, Roth I, Arranz S, Casas R, Navarro M, Hervas A, Siso A, Martinez-Huélamo M, Vallverdu-Queralt A, Quifer-Rada P, \*\*Lamuela-Raventós RM\*\* and Estruch R \(2015\) Effects of alcohol and polyphenols from beer on atherosclerotic biomarkers in high cardiovascular risk men: a randomized feeding trial. \*Nutrition, Metabolism and Cardiovascular Diseases\*, 25\(1\):36-45](#)

[Quifer-Rada P, Martinez-Huelamo M, Chiva-Blanch G, Jauregui O, Estruch R and \*\*Lamuela-Raventós RM\*\* \(2014\) Urinary isoxanthohumol is a specific and accurate biomarker of beer consumption. \*The Journal of Nutrition \(ASN\)\*, 144\(4\):484-488](#)

[Quifer-Rada P, Martinez-Huelamo M, Jauregui O, Chiva-Blanch G, Estruch R and \*\*Lamuela-Raventós RM\*\* \(2013\) Analytical condition setting is a crucial step in the quantification of unstable polyphenols in acidic conditions: analysing prenylflavanoids in biological samples by LC-ESI-MS/MS. \*Analytical Chemistry\*, 85\(11\):5547-5554](#)

**LAMUELA-RAVENTOS Rosa M. (2013 - EA1324 <sup>2</sup>)**

**<sup>2</sup> Co-applicants: Estruch Riba R, Chiva-Blanch G, Arranz S, Martinez Huélamo M, Quifer P.**

***“Risks and benefits of the ethanol and polyphenol content in beer: effects of moderate consumption on cardiovascular system”***

**Department of Nutrition and Food Science, School of Pharmacy, University of Barcelona, Barcelona – ES**

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[Vilahur G, Casani L, Mendieta G, \*\*Lamuela-Raventós RM\*\*, Estruch R and Badimon L \(2014\) Beer elicits vasculoprotective effects through Akt/eNOS activation. \*European Journal of Clinical Investigation\*, 44:1177-1188](#)

[Chiva-Blanch G, Condines X, Magraner E, Roth I, Valderas-Martinez P, Arranz S, Casas R, Martinez-Huélamo M, Vallverdu-Queralt A, Quifer-Rada P, \*\*Lamuela-Raventós RM\*\*, and Estruch R \(2014\) The non-alcoholic fraction of beer increases stromal cell derived factor 1 and the number of circulating endothelial progenitor cells in high cardiovascular risk subjects: a randomized clinical trial. \*Atherosclerosis\*, 233\(2\):518-524](#)

**LAMUELA-RAVENTOS Rosa M. (2015 - EA1515)**

**Co-Applicants: Peris Bernal P, Del Rio Barquero LM, Casas Rodriguez R, Estruch Riba R.**

***“Risks and benefits of moderate beer intake (with and without alcohol) on osteoporosis in postmenopausal women”***

[Trius-Soler M, Marhuenda-Muñoz M, Laveriano-Santos EP, Martínez-Huélamo M, Sasot G, Storniolo CE, Estruch R, \*\*Lamuela-Raventós RM\*\* and Tresserra-Rimbau A, \(2021\) Moderate Consumption of Beer \(with and without Ethanol\) and Menopausal Symptoms: Results from a Parallel Clinical Trial in Postmenopausal Women. \*Nutrients\*, 13\(7\):2278. doi: 10.3390/nu13072278](#)

[Trius-Soler M, Vilas-Franquesa A, Tresserra-Rimbau A, Saso, G, Storniolo CE, Estruch R and \*\*Lamuela-Raventós RM\*\* \(2020\) Effects of the Non-Alcoholic Fraction of Beer on Abdominal Fat, Osteoporosis, and Body Hydration in Women. \*Molecules\*, 25\(17\),3910. doi.org/10.3390/molecules25173910](#)

**LARSEN Helle (2015 - EA1549)**

Co-applicant: Wiers RW.

*“Peer influence and alcohol cognitions: understanding the interaction between implicit processes and peer context”*

Department of Psychology, University of Amsterdam, Amsterdam - NL

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**Larsen H**, Van Bockstaele B, Martens N, Wills E, and Wiers RW (Submitted 2022) Using the Relational Responding Task to Alter Drinking Identity Associations: An Experimental Study.

**Larsen H**, Hagen A, Van Bockstaele B, Hendriks H, Scholz C, van den Putte B and Wiers RW (Submitted 2022) The Effect of Online Peer Influence on Implicit Drinker Identity: An Experimental Study.

**LEGGIO Lorenzo (2006 - EA0619 ; EXA0802)**

Co-applicants: Addolorato G, Agabio R, Ferrulli A, Marras P, D’Angelo C, Vonghia L.

*“A double-blind randomized controlled study on alcohol intake and craving reduction in alcohol-dependent patients comparing baclofen 10 mg, baclofen 20 mg and placebo”*

Institute of Internal Medicine and Department of Neuroscience, Catholic University of Rome, Rome - IT

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[Aoun EG, Jimenez VA, Vendruscolo LF, Walter NAR, Barbier E, Ferrulli A, Haass-Koffler CL, Darakjian P, Lee MR, Addolorato G, Heilig M, Hitzemann R, Koob GF, Grant KA and \*\*Leggio L\*\* \(2017\) A relationship between the aldosterone–mineralocorticoid receptor pathway and alcohol drinking: preliminary translational findings across rats, monkeys and humans. \*Molecular Psychiatry\*, 23: 1466–1473\)](#)

[Aoun EG, Lee MR, Haass-Koffler CL, Swift RM, Addolorato G, \*\*Leggio L\*\* \(2015\) Relationship between the thyroid axis and alcohol craving. \*Alcohol and Alcoholism\*, 50\(1\):24-29](#)

[Lugoboni F, Mirijello A, Faccini M, Casari R, Cossari A, Musi G, Bissoli G, Quaglio G, Addolorato G \(2014\) Quality of life in a cohort of high-dose benzodiazepine dependent patients. \*Drug and Alcohol Dependence\*, 142:105-109](#)

[Addolorato G, Mirijello A, \*\*Leggio L\*\*, Ferulli A, D'Angelo C, Vassallo G, Cossari A, Gasbarrini G, Landolfi R, Agres S, Gasbarrini A and Gemelli OLT Group \(2013\) Liver transplantation in alcoholic patients: impact of an alcohol addiction unit within a liver transplant center. \*Alcoholism: Clinical and Experimental Research\*, 37\(9\): 1601-1608](#)

[Leggio L, Ferrulli A, Zambon A, Caputo F, Kenna GA, Swift RM and Addolorato G \(2012\) Baclofen promotes alcohol abstinence in alcohol dependent cirrhotic patients with hepatitis C virus \(HCV\) infection. \*Addictive Behaviors\*, 37\(4\):561-564](#)

[Leggio L, Ferrulli A, Cardone S, Nesci A, Miceli A, Malandrino N, Capristo E, Canestrelli B, Monteleone P, Kenna GA, Swift RM and Addolorato G \(2012\) Ghrelin system in alcohol-dependent subjects: role of plasma ghrelin levels in alcohol drinking and craving. \*Addiction Biology\*, 17\(2\):452-464](#)

[Addolorato G, \*\*Leggio L\*\*, Ferrulli A, Cardone S, Bedogni G, Caputo F, Gasbarrini G, Landolfi R and the Baclofen Study Group \(2011\) Dose-response effect of baclofen in reducing daily alcohol intake in alcohol dependence: secondary analysis of a randomized, double-blind, placebo controlled trial. \*Alcohol and Alcoholism\*, 46\(3\):312-317](#)

[Leggio L, Kenna GA, Ferrulli A, Zywiak WH, Caputo F, Swift RM and Addolorato G \(2011\) Preliminary findings on the use of metadoxine for the treatment of alcohol dependence and the alcoholic liver disease. \*Human Psychopharmacology: Clinical and Experimental\*, 26\(8\):554-559](#)

[Montalto M, Gallo A, Ferrulli A, Visca D, Campobasso E, Cardone S, D'Onofrio F, Santoro L, Covino M, Mirijello A, \*\*Leggio L\*\*, Gasbarrini G and Addolorato G \(2011\) Fecal calprotectin concentrations in alcoholic patients: a longitudinal study. \*European Journal of Gastro-Enterology and Hepatology\*, 23\(1\): 76-80](#)

[Ferrulli A, \*\*Leggio L\*\*, Cardone S, D'Angelo C, Mirijello A, Vonghia L, Miceli A, Gasbarrini G and Addolorato G \(2010\) Psychosocial findings in alcohol-dependent patients before and after three months of total alcohol abstinence. \*Frontiers in Psychiatry\*, 1:17](#)

[Leggio L \(2010\) Role of the ghrelin system in alcoholism: acting on the growth receptor to treat alcohol-related disorders. \*Drug News & Perspectives\* 23\(3\):157-166](#)

[Leggio L, Cardone S, Ferrulli A, Kenna G A, Diana M, Swift R M and Addolorato G \(2010\) Turning the clock ahead: potential preclinical and clinical neuropharmacological targets for alcohol dependence. \*Current Pharmaceutical Design\*, 16\(19\):2159-2181](#)

[Addolorato G and Leggio L \(2010\) Safety and efficacy of Baclofen in the treatment of alcohol-dependent patients. \*Current Pharmaceutical Design\*, 16\(19\):2113-2117](#)

[Addolorato G, Leggio L, Cardone S, Ferrulli A and Gasbarrini G \(2009\) Role of the GABA<sub>B</sub> receptor system in alcoholism and stress: focus on clinical studies and treatment perspectives. \*Alcohol\*, 43\(7\) :559-563](#)

[Leggio L \(2009\) Understanding and treating alcohol craving and dependence: recent pharmacological and neuroendocrinological findings – ESBRA-Nordmann 2008 Award Lecture. \*Alcohol and Alcoholism\*, 44\(4\):341-352](#)

[Leggio L, Malandrino N, Ferrulli A, Cardone S, Miceli A, Gasbarrini G, Capristo E and Addolorato G \(2009\) Is cortisol involved in the alcohol-related fat mass impairments? A longitudinal clinical study. \*Alcohol and Alcoholism\*, 44\(2\):211-215](#)

[Leggio L, Ferrulli A, Malandrino N, Miceli A, Capristo E, Gasbarrini G and Addolorato G \(2008\) Insulin but not insulin growth factor-1 correlates with craving in currently drinking alcohol-dependent patients. \*Alcoholism: Clinical and Experimental Research\*, 32\(3\):450-458](#)

[Leggio L, Ferrulli A, Cardone S, Malandrino N, Mirijello A, D'Angelo C, Vonghia L, Miceli A, Capristo E, Kenna GA, Gasbarrini G, Swift RM and Addolorato G. \(2008\) Relationship between the hypothalamic-pituitary-thyroid axis and alcohol craving in alcohol-dependent patients: a longitudinal study. \*Alcoholism: Clinical and Experimental Research\*, 32\(12\):2047-2053](#)

[Addolorato G, Leggio L, Ferrulli A, Cardone S, Vonghia L, Mirijello A, Abenavoli L, D'Agelo C, Caputo F, Zambon A, Haber PS and Gasbarrini G \(2007\) Effectiveness and safety of baclofen for maintenance of alcohol abstinence in alcohol-dependent patients with liver cirrhosis: randomised, double-blind controlled study. \*The Lancet\*, 370:1915-1922](#)

**LINNEBANK Michael (2007 - EA0704)**

**Co-applicant: Bleich S.**

***“The impact of methionine metabolism for the incidence and the clinical course of alcohol dependency”***

**Department of Neurology, University Hospital, Bonn - DE**

---

[Semmler A, Heese P, Stoffel-Wagner B, Muschler M, Heberlein A, Bigler L, Probst JC, Frieling H, Kornhuber J, Banger M, Bleich S, Hillemecher T and \*\*Linnebank M\*\* \(2015\)](#)

[Alcohol abuse and cigarette smoking are associated with global DNA hypermethylation: results from the German Investigation on Neurobiology in Alcoholism \(GINA\). \*Alcohol\*, 49\(2\) :97-101](#)

[Haschemi Nassab M, Rhein M, Heese P, Glahn A, Frieling H, \*\*Linnebank M\*\*, Bleich S, Kornhuber J, Heberlein A, Grallert H, Peters A, Rawal R, Strauch K and Hillemecher T \(2015\) No association between the ALDH2 promoter polymorphism rs886205, alcohol dependence. \*Psychiatric Genetics\*, 25\(1\):41-2](#)

[Bleich S, Semmler A, Frieling H, Thumfart L, Muschler M, Hillemecher T, Kornhuber J, Kallweit U, Simon M and \*\*Linnebank M\*\* \(2014\) Genetic variants of methionine metabolism and DNA methylation. \*Epigenomics\*, 6\(6\): 585-91](#)

[Heese P, \*\*Linnebank M\*\*, Semmler A, Muschler MA, Heberlein A, Frieling H, Stoffel-Wagner B, Kornhuber J, Banger M, Bleich S and Hillemecher T \(2012\) Alterations of homocysteine serum levels during alcohol withdrawal are influenced by folate and riboflavin: results from the German Investigation on Neurobiology in Alcoholism \(GINA\). \*Alcohol and Alcoholism\*, 47\(5\): 497-500](#)

[Lenz B, Soehngen C, \*\*Linnebank M\*\*, Heberlein A, Frieling H, Kornhuber J, Hillemecher T and Bleich S \(2009\), Genetic polymorphisms relevant for one-carbon metabolism show no effect on homocysteine plasma levels and DNA methylation in alcoholism. \*Psychiatric Genetics\*, 19\(4\): 215-6](#)

[Hillemecher T, Frieling H, Moskau S, Muschler MA, Semmler A, Kornhuber J, Klockgether T, Bleich S and \*\*Linnebank M\*\* \(2008\) Global DNA methylation is influenced by smoking behaviour. \*European Neuropsychopharmacology\*, 18\(4\):295-8](#)

**LOPEZ-MORENO Jose Antonio (2012 - EA1221)**

**Co-applicants: Rodriguez de Fonseca F, Maldonado R, Viveros MP, Nadal R.**

**“Brain and plasma epigenetic markers for alcohol addiction and its cognitive deficits”**

**Department of Psychobiology, Faculty of Psychology, Complutense University, Madrid - ES**

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[Echeverry-Alzate V, Bühler KM, Calleja-Conde J, Huertas E, Maldonado R, Rodríguez de Fonseca R, Santiago C, Gómez-Gallego F, Santos A, Giné E and \*\*López-Moreno JA\*\* \(2019\) Adult-onset hypothyroidism increases ethanol consumption. \*Psychopharmacology\*, 236\(4\):1187-1197](#)

[Roldán M, Echeverry-Alzate V, Bühhler KM, Sánchez-Diez IJ, Calleja-Conde J, Olmos P, Boehm SL, Maldonado R, Rodríguez de Fonseca F, Santiago C, Gómez-Gallego F, Giné E and López-Moreno JA \(2018\). Red Bull® energy drink increases consumption of higher concentrations of alcohol. \*Addiction Biology\*, 23\(5\):1094-1105](#)

[López-Moreno JA, Marcos M, Calleja-Conde J, Echeverry-Alzate V, Bühler KM, Costa-Alba P, Bernardo E, Laso F-J, de Fonseca FR, Nadal R, Paz Viveros M, Maldonado R and Giné E \(2015\) Histone deacetylase gene expression following binge alcohol consumption in rats and humans. \*Alcoholism: Clinical and Experimental Research\*, 39\(10\):1939-1950](#)

[Penasco S, Mela V, López-Moreno JA, Viveros MP and Marco EM \(2015\) Early maternal deprivation enhances voluntary alcohol intake induced by exposure to stressful events later in life. \*Neural Plasticity\*, Volume 2015](#)

[Bühler KM, Giné E, Echeverry-Alzate V, Calleja-Conde J, Rodríguez de Fonseca F and López-Moreno J \(2015\) Common single nucleotide variants underlying drug addiction: more than a decade of research. \*Addiction Biology\*, 20\(5\):845-871](#)

[Echeverry-Alzate V, Giné E, Bühler K-M, Calleja-Conde J, Olmos P, Gorriti MA, Nadal R, Rodríguez de Fonseca F and López-Moreno JA \(2014\) Effects of topiramate on ethanol-cocaine interactions and DNA methyltransferase gene expression in the rat prefrontal cortex. \*British Journal of Pharmacology\*, 171\(12\):3023-3036](#)

[Bühler K-M, Huertas E, Echeverry-Alzate V, Giné E, Molto E, Montoliu L and López-Moreno JA \(2014\) Risky alcohol consumption in young people is associated with the fatty acid amide hydrolase gene polymorphism C385A and affective rating of drug pictures. \*Molecular Genetics and Genomics\*, 289\(3\):279-89](#)

**MACCIONI Paola (2013 - EA1320)**

**Co-applicant: Mugnaini C.**

**“Synthesis and pharmacological characterization of novel positive allosteric modulators of the GABAB receptor: focus on their “anti - alcohol” potential”**

**Neuroscience Institute, National Research Council of Italy, Monserrato - IT**

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[Maccioni P, Colombo G, Lorrain I, Fara F, Carai MAM, Gessa GL, Brizzi A, Mugnaini C and Corelli F \(2019\) Anti-addictive properties of COR659 – Additional pharmacological evidence and comparison with a series of novel analogues. \*Alcohol\*, 75:55-66](#)

[Maccioni P, Fara F, Lorrain I, Acciaro A, Mugnaini C, Corelli F and Colombo G \(2019\) Suppressing effect of CMPPE, a new positive allosteric modulator of the GABA<sub>B</sub> receptor, on alcohol self-administration and reinstatement of alcohol seeking in rats. \*Alcohol\*, 75:79-87](#)

[Maccioni P, Lorrai I, Contini A, Leite-Morris K and Colombo G \(2017\) Microinjection of baclofen and CGP7930 into the ventral tegmental area suppresses alcohol self-administration in alcohol-preferring rats. \*Neuropharmacology\*.136\(A\):146-158](#)

[Maccioni P, Colombo G, Lorrai I, Zaru A, Contini A, Carai MA, Gessa GL, Brizzi A, Mugnaini C and Corelli F \(2017\) Suppressing effect of COR659 on alcohol, sucrose, and chocolate self-administration in rats: involvement of the GABA<sub>B</sub> and cannabinoid CB<sub>1</sub> receptors. \*Psychopharmacology\*, 234:2525–2543](#)

[Porcu A, Lobina C, Giunta D, Solinas M, Mugnaini C and Castelli MP \(2016\) In vitro and in vivo pharmacological characterization of SSD114, a novel GABA<sub>B</sub> positive allosteric modulator. \*European Journal of Pharmacology\*, 27\(791\):115-123](#)

[Colombo G, Lobina C, Maccioni P, Carai MAM, Lorrai I, Zaru A, Contini A, Mugnaini C, Corelli F and Gessa GL \(2015\) Anxiety-like behaviors at the end of the nocturnal period in sP rats with a “history” of unpredictable, limited access to alcohol. \*Alcohol\*, 49:707-712](#)

[Maccioni P, Vargiolu D, Thomas AW, Malherbe P, Mugnaini C, Corelli F, Leite-Morris KA, Gessa GL and Colombo G \(2015\) Inhibition of alcohol self-administration by positive allosteric modulators of the GABA<sub>B</sub> receptor in rats: lack of tolerance and potentiation of baclofen. \*Psychopharmacology\*, 232\(10\):1831-1841](#)

**MACCIONI Paola (2017 - EA1714)**

**Co-applicant: Mugnaini C.**

**“Pharmacological characterization of the novel positive allosteric modulator of the GABA<sub>B</sub> receptor, COR659: focus on its “anti-alcohol” effects”**

**Neuroscience Institute, Section of Cagliari, National Research Council of Italy [*Consiglio Nazionale delle Ricerche (CNR)*], Cagliari - IT**

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Colombo G, Lobina C, **Maccioni P**, Mugnaini C and Corelli F (in preparation 2022) Reducing effect of the positive allosteric modulator of the GABA<sub>B</sub> receptor, COR659, on alcohol drinking in rats: Development of tolerance on continuing treatment.

[Lorrai I, Shankula C, Gaytan JM, Kawamura T, Maccioni P, Mugnaini C, Corelli F, Gessa GL, Sanna PP and Colombo G \(2021\) Reducing effect of the novel positive allosteric modulator of the GABA<sub>B</sub> receptor, COR659, on binge-like alcohol drinking in male mice and rats. \*Psychopharmacology\*](#)



[Ferlenghi F\\*, \*\*Maccioni P\\*\*\*, Mugnaini C\\*, Brizzi A, Fara F, Mostallino R, Corelli F \(2020\) The GABA<sub>B</sub> receptor positive allosteric modulator COR659: In vitro metabolism, in vivo pharmacokinetics in rats, synthesis and pharmacological characterization of metabolically protected derivatives. \*European Journal of Pharmaceutical Sciences\*, 155,105544. \\*: equal contribution](#)

**MACKIE Clare (2008 - EA0822)**

Co-applicant: Conrod P.

*“The reduction of adolescent alcohol misuse: examining the potential universal effects of a targeted prevention programme”*

National Addiction Centre - Institute of Psychiatry KCL, London - UK

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[Conrod PJ, O’Leary-Barrett M, Newton N, Topper L, Castellanos-Ryan N, \*\*Mackie CJ\*\* and Girard A \(2013\) Effectiveness of a Selective, Personality-Targeted Prevention Program for Adolescent Alcohol Use and Misuse A Cluster Randomized Controlled Trial. \*JAMA Psychiatry\*, 70\(3\):334-342](#)

**Mackie CJ**, O’Leary-Barrett M, Al-Khudhairy N, Castellanos Ryan N, StruveM, Topper L and Conrod P (2012) Adolescent bullying, cannabis use and emerging psychotic experiences: A longitudinal general population study. *Psychological Medicine*, 43(5):1033 – 1044. DOI: <https://doi.org/10.1017/S003329171200205X>

**McMURRAN Mary (2004 - EA0402)**

Co-applicant: McCulloch A.

*“Alcohol aggression outcome expectancies”*

School of Psychology, Cardiff University, Cardiff - UK

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[McMurrans M and McCulloch, A \(2009\) Alcohol-aggression outcome expectancies and their responsiveness to event recall. \*Addiction Research and Theory\*, 17\(1\):54-63](#)

[McMurrans M \(2009\). The relationships between alcohol use, trait aggression and the alcohol-aggression outcome expectancy in male students. \*Journal of Substance Use\*, 14\(1\):1-9](#)

**MARCOS Ascension (2014 - EA1444)**

Co-applicants: Nova E, Diaz-Prieto LE, Raspor P, Jenko Praznikar Z.

*“Effects of alcohol consumption on gut microbiota composition in adults (ALMICROBHOL)”*

Institute of food Science, Technology and Nutrition (ICTAN), Spanish National Research Council, Madrid - ES

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[González-Zancada N, Redondo-Useros N, Díaz LE, Gómez-Martínez S, Marcos A and Nova E \(2020\). Association of Moderate Beer Consumption with the Gut Microbiota and SCFA of Healthy Adults. \*Molecules\*, 25\(20\):4772. doi: 10.3390/molecules25204772](#)

[Bezdek K, Petelin A, Pražnikar J, Nova E, Redondo N, Marcos A and Pražnikar ZJ \(2020\) Obesity Measures and Dietary Parameters as Predictors of Gut Microbiota Phyla in Healthy Individuals. \*Nutrients\*, 12\(9\):2695 doi: 10.3390/nu12092695](#)

**MEDINA REMON Alexander (2015 - EA1517)**

**Co-applicants: Quifer Rada P, Lamuela Raventos RM, Estruch Riba R, Tresserra Rimbau A.**

**“Health effects of the ethanol and polyphenol content in beer: Evaluation of the effects of moderate beer consumption on cardiovascular system. A metabolic approach”**

**Department of internal Medicine, Hospital Clinic, University of Barcelona, Barcelona - ES**

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[Quifer-Rada P, Chiva-Blanch G, Jáuregui O, Estruch R and Lamuela-Raventós RM \(2017\) A discovery-driven approach to elucidate urinary metabolome changes after a regular and moderate consumption of beer and non-alcoholic beer in subjects at high cardiovascular risk. \*Molecular Nutrition and Food Research\*, 61\(10\):1600980](#)

[Quifer-Rada P, Martínez-Huélamo M and Lamuela-Raventós RM \(2017\) Is enzymatic hydrolysis a reliable analytical strategy to quantify glucuronidated and sulfated polyphenol metabolites in human fluids? \*Food and Function\*, 8\(7\):2419-2424](#)

**MÖLLER Jette (2016 - EA1645)**

**Co-applicants: Engström K and Sidorchuk A.**

**“Less spirit, more wine and beer: predictors, mediators and health consequences of drinking patterns in contemporary Sweden”**

**Department of Public Health Science, Karolinska Institute , Stockholm, SE**

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Sidorchuk A, Gemes K, Engström K, **Möller J** (submitted 2022) Predictors of beverage-specific alcohol consumption trajectories: a Swedish population-based cohort study.

[Gemes K, \*\*Möller J\*\*, Engström K and Sidorchuk A \(2019\) Alcohol consumption trajectories and self-rated health: findings from the Stockholm Public Health Cohort. \*BMJ Open\*, 9:e028878. doi:10.1136/bmjopen-2018-028878](#)

**MOLS Floortje (2018 - EA1820)**

**Co-applicants: Matty P. Weijenberg, Martijn J.L. Bours and Dóra Révész**

**“How are alcohol consumption and beverage choices influenced by treatment factors and associated with psychosocial wellbeing in colorectal cancer survivors?”**

**Department of Medical and Clinical Psychology, Tilburg University, Tilburg, NL**

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Révész D, Bonhof CS, Bours MJL, Weijenberg MP, Vreugdenhil G, van de Poll-Franse LV and **Mols F** (under review 2022). Sociodemographic, clinical, lifestyle and psychological correlates of peripheral neuropathy – a study among 2–12-year colorectal cancer survivors from the PROFILES registry.

[Révész D, Bours MJL, Weijenberg MP and Mols F \(2022\) Longitudinal associations of former and current alcohol consumption with psychosocial outcomes among colorectal cancer survivors 1-15 years after diagnosis. \*Nutrition and Cancer\*, 2022 Feb 25;1-9. doi: 10.1080/01635581.2022.2044063](#)

[Révész D, Bours MJL, Wegdam, Keulen ETP, Breukink SO, Slooter GD, Vogelaar FJ, Weijenberg MP and Mols F \(2021\) Associations between alcohol consumption and anxiety, depression, and health-related quality of life in colorectal cancer survivors. \*Journal of Cancer Survivorship\*, September 16. doi: 10.1007/s11764-021-01090-y](#)

Révész D, Bours MJL, Wegdam JA, Keulen ETP, Breukink SO, Slooter GD, Vogelaar FJ, Weijenberg MP and **Mols F** (2021) Longitudinal associations of sociodemographic, lifestyle, and clinical factors with alcohol consumption in colorectal cancer survivors up to 2 years post diagnosis. *Supportive Care in Cancer*, 29(10):5935-5943. <https://pubmed.ncbi.nlm.nih.gov/33761003/>

**MOORE Simon (2009 - EA0904)**

**Co-applicants: van Goozen S, van den Bree M.**

**“Longitudinal study of social and cognitive risks for alcohol misuse in first year university students”**

**Violence and Society Research Group, Cardiff University, Cardiff - UK**

---

[Moore SC, Crompton K, van Goozen S, van den Bree MBM, Bunney J and Lydall E \(2013\) A feasibility study of short message service text messaging as a surveillance tool for alcohol consumption and vehicle for interventions in university students. \*BMC Public Health\*, 13:1011](#)

[Moore SC \(2010\) Substitution and complementary in the face of alcohol-specific policy interventions. \*Alcohol and Alcoholism\*, 45\(5\):403-408](#)

**MOREIRA Teresa (2007 - EA0708)**

**Co-applicants: Foxcroft D.**

***“Is brief personalized feedback effective in reducing alcohol-related problems amongst University students in different European countries?”***

**School of Health and Social Care, Oxford Brookes University, Oxford - UK**

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[Moreira MT, Oskrochi R and Foxcroft DR \(2012\) Personalised normative feedback for preventing alcohol misuse in university students: Solomon three-group randomised controlled trial. \*PLoS ONE\*, 7\(9\):e44120](#)

[Moreira MT, Smith LA and Foxcroft DR \(2009\) Social norms interventions to reduce alcohol misuse in university or college students \(review\). \*Cochrane Database of Systematic Reviews\*, 8\(3\):CD006748](#)

[Moreira MT and Foxcroft DR \(2008\) The effectiveness of brief personalized normative feedback in reducing alcohol-related problems amongst university students: protocol for a randomized controlled trial. \*BMC Public Health\*, 8:113](#)

**MUNAFÒ Marcus R. (2008 - EA 0820)**

**Co-applicant: Penton-Voak IS**

***“Effects of alcohol rating of attractiveness: examining the role of alcohol in social interaction”***

**Department of Experimental Psychology, University of Bristol, Bristol - UK**

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[Van Den Abbeele J, Penton-Voak IS, Attwood AS, Stephen ID and Munafò MR \(2015\) Increased facial attractiveness following moderate, but not high, alcohol consumption. \*Alcohol and Alcoholism\*, 50\(3\):296-301](#)

[Penton-Voak IS, Cooper RM, Roberts RE, Attwood AS and Munafò MR \(2012\) Effects of acute alcohol consumption on the perception of eye gaze direction. \*Journal of Psychopharmacology\*, 26\(2\):254-261](#)

**NEGRAO Rita (2014 - EA1423)**

**Co-applicants: Henriques-Coelho T, Soares R, Ferreira-Pinto MJ, Duarte D.**

***“Changing lifestyle may prevent or revert pulmonary arterial hypertension”***

**Faculty of Medicine, University of Porto - PT**

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[Silva AF, Faria-Costa G, Sousa-Nunes F, Santos MF, Ferreira-Pinto MJ, Duarte D, Rodrigues I, Guimarães JT, Leite-Moreira A, Moreira-Gonçalves D, Henriques-Coelho T and Negrão R \(2019\) Anti-Remodelling Effects of Xanthohumol-Fortified Beer in Pulmonary Arterial Hypertension Mediated by ERK and AKT Inhibition. \*Nutrients\*, 11\(3\):583 1-16](#)

[Rachão A, Silva AF, Nogueira-Ferreira R, Trindade F, Vitorino R, Leite-Moreira A, Moreira-Gonçalves D, Henriques-Coelho T and \*\*Negrão R\*\* \(2017\) Biological processes of polyphenols in the cardiovascular system: A bioinformatics approach: PS062. \*Porto Biomedical Journal\*, 2\(5\):230](#)

**NIKOLAOU Kyriaky (2014 - EA1442)**

Co-applicants: Wiers R, Goudriaan A, Duka T.

*“Development and testing of a new alcohol attentional bias modification training paradigm: What are its neurocognitive mechanisms of action and how do they relate to real-life drinking behaviours ?”*

Department of Psychology, Universiteit van Amsterdam - NL

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**NYLANDER Ingrid (2011 - EA1130)**

Co-applicants: Roman E, Svensson AL, Daoura L, Palm S.

*“Neurobiological and behavioural consequences of adolescent alcohol consumption; studies of causal links between early-life conditions and vulnerability for alcohol use disorders”*

Department of Pharmaceutical Biosciences, Neuropharmacology, Addiction and Behaviour, University of Uppsala - SE

---

[Todkar A, Granholm L, Aljumah M, Nilsson KW, Comasco E and \*\*Nylander I\*\* \(2016\) HPA axis gene expression and DNA methylation profiles in rats exposed to early life stress, adult voluntary ethanol drinking and single housing. \*Frontiers in Molecular Neuroscience\*, 8:90](#)

[Granholm L, Rowley S, Ellgren M, Segerström L and \*\*Nylander I\*\* \(2015\) Impact of adolescent ethanol exposure and adult amphetamine self-administration on evoked striatal dopamine release in male rats. \*Psychopharmacology\*, 232:4421-4431](#)

[Bendre M, Comasco E, \*\*Nylander I\*\* and Nilsson KW \(2015\) Effect of voluntary alcohol consumption on \*Maoa\* expression in the mesocorticolimbic brain of adult male rats previously exposed to prolonged maternal separation. \*Translational Psychiatry\*, 5\(12\): e690](#)

[Vrettou M, Granholm L, Todkar A, Nilsson KW, Wallén-Mackenzie Å, \*\*Nylander I\*\* and Comasco E \(2015\) Ethanol affects limbic and striatal presynaptic glutamatergic and DNA methylation gene expression in outbred rats exposed to early-life stress. \*Addiction Biology\*, 22\(2\):369-380](#)

[Palm S and \*\*Nylander I\*\* \(2014\) Dopamine release dynamics change during adolescence and after voluntary alcohol intake. \*PLoS ONE\*, 9\(5\): e96337](#)

[Palm S, Momeni S, Lundberg S, \*\*Nylander I\*\* and Roman E \(2014\) Risk-assessment and risk-taking behavior predict potassium- and amphetamine-induced dopamine release in the dorsal striatum of rats. \*Frontiers in Behavioral Neuroscience\*, 8:236](#)

[Palm S and \*\*Nylander I\*\* \(2014\) Alcohol-induced changes in opioid peptide levels in adolescent rats are dependent on housing conditions. \*Alcohol: Clinical and Experimental Research\*, 38\(12\):2978-2987](#)

[Daoura L, \*\*Nylander I\*\* and Roman E \(2013\) Qualitative differences in pup-retrieval strategies in a maternal separation paradigm. \*Journal of Behavioral and Brain Science\*, 3:603-616](#)

[Palm S, Daoura L, Roman E and \*\*Nylander I\*\* \(2013\) Effects of rearing conditions on behaviour and endogenous opioids in rats with alcohol access during adolescence. \*PLoS ONE\*, 8\(10\):e76591](#)

[\*\*Nylander I\*\* and Roman E \(2013\) Is the rodent maternal separation model a valid and effective model for studies on the early-life impact on ethanol consumption? \*Psychopharmacology\*, 229:555-569](#)

[\*\*Nylander I\*\* and Roman E \(2012\) Neuropeptides as mediators of the early-life impact on the brain; implications for alcohol disorders. \*Frontiers in Molecular Neuroscience\*, 5\(77\)](#)

**ORRÙ Alessandro (2010 - EA1034)**

Co-applicants: Cervo L, Fumagalli F, Caffino L.

*“Role of BDNF signaling in alcohol abuse: new insights from a yoked paradigm”*

Laboratory of Experimental Psychopharmacology, Institute for Pharmacological Research Mario Negri, Milan, IT

---

[\*\*Orrù A\*\*, Caffino L, Moro F, Cassina C, Giannotti G, Di Clemente A, Fumagalli F and Cervo L \(2016\) Contingent and non-contingent recreational-like exposure to ethanol alters BDNF expression and signaling in the cortico-accumbal network differently. \*Psychopharmacology\*, 233\(17\):3149-60](#)

**PERCY Andrew (2007 - EA0712)**

Co-applicants: Okut H, McCrystal P.

*“Extending growth mixture modelling for the longitudinal study of adolescent alcohol use”*

Institute of Child Care Research, Queens University, Belfast - UK

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**PIERREFICHE Olivier (2012 - EA1228)**

Co-applicant: /

*“The consequences of binge-drinking on learning and memory. How does it work in the brain ?”*

Faculty of Pharmacy, University of Picardie Jules Verne, Amiens - FR

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[Silvestre de Ferron B, Bennouar K-E, Kervern M, Alaux-Cantin S, Robert A, Rabiant K, Antol J, Naassila M and \*\*Pierrefiche O\*\* \(2015\) Two binges of ethanol a day keep the memory away in adolescent rats: key role for GLUN2B subunit. \*International Journal of Neuropsychopharmacology\*, 19\(1\)](#)

**PRINA Franco (2011 - EA1137)**

Co-applicants: Beccaria F, Tempesta E.

*“Images of adolescent alcohol use and health in Italy. A study of teenagers’ drinking and societal reactions to it”*

Department of Social Science, University of Turin - IT

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[Rolando S and Katainen A \(2014\) Images of alcoholism among adolescents in individualistic and collectivistic geographies. \*Nordic Studies on Alcohol and Drugs\*, 31:189-205](#)

[Rolando S, Beccaria F, Petrilli E and \*\*Prina F\*\* \(2014\) Adults’ views of young people’s drinking in Italy: an explorative qualitative research. \*Drugs: Education, Prevention and Policy\*, 21\(5\):388-397](#)

[Petrilli E, Beccaria F, \*\*Prina F\*\* and Rolando S \(2014\) Images of alcohol among Italian adolescents - Understanding their point of view. \*Drugs: Education, Prevention and Policy\*, 21\(3\):211-220](#)

**REEVES Helen L. (2003 - EA0315)**

Co-applicant: Day CP.

*“A comprehensive identification and characterisation of genes that are differentially expressed during the development and progression of alcohol induced liver disease”*

Centre for Liver Research, University of Newcastle upon Tyne, Newcastle upon Tyne - UK

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[Miele L, Beale G, Patman G, Nobili V, Leathart J, Grieco A, Abate M, Friedman SL, Narla G, Bugianesi E, Day CP and Reeves HL \(2008\). The Kruppel like factor 6 genotype is associated with fibrosis in non-alcoholic fatty liver disease. \*Gastroenterology\*, 135\(1\):282-291](#)

**RIPLEY Tamzin L. (2008 - EA0812)**

**Co-applicants: Stephens DN, Crombag HS.**

*“Alcohol-induced changes in learning bias: a possible 'gateway' to drug addiction”*

**University of Sussex, Falmer, Brighton - UK**

---

[Ripley TL and Stephens DN \(2011\) Critical thoughts on current rodent models for evaluation potential treatments of alcohol addiction and withdrawal. \*British Journal of Pharmacology\*, 164:1335-1356](#)

**RUBIO Gabriel (2011 - EA1123)**

**Co-applicants: Jurado R, Ponce G, Martinez-Gras I, Moratti S.**

*“Psycho-physiological paradigms predictors of relapse in the treatment on alcohol dependent subjects”*

**Faculty of Medicine, Complutense University, Madrid - ES**

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[Sion A, Jurado-Barba R, Alonso MJ and Rubio-Valladolid G \(2017\) Inhibitory capacity assessment in alcohol dependent patients: translation from a modified stop signal task. \*Actas Espanolas de Psiquiatria\*, 45\(1\):21-31](#)

[Marin M, Rubio-Valladolid G, Jurado R, Ponce G, Martinez I, Alvarez MJ and Moratti S \(2014\) EPA-0843 - Relationship between psychophysiological processes involved in alcohol dependence. \*European Psychiatry\*, 29\(Supplement 2\): S674](#)

**SALANTA Liana-Claudia (2015 -EA1545)**

**Co-applicants: Tofana M, Pop CR, Pop A, Coldea TE.**

*“A study on young drinking behaviour- evaluation the relationship between taste reactivity and special beer consumption”*

**University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca - RO**

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[Salanță LC, Tofana M, Pop C, Pop A, Coldea T and Mihai M \(2018\) Risk Factors Associated with Alcohol Consumption Among Romanian University Students- Preliminary Research. \*Bulletin UASVM Food Science and Technology\*, 75\(1\):86-89](#)

[Salanță LC, Tofană M, Pop C, Pop A, Coldea T and Mudura E \(2017\) Beverage Alcohol Choice Among University Students: Perception, Consumption and Preferences. \*Bulletin UASVM Food Science and Technology\*, 74\(1\):23-30](#)



[Salanță LC, Tofana M, Mudura E, Pop C, Pop A and Coldea T \(2016\) The alcoholic beverage consumption preference of university students: a preliminary Romanian case study. \*Bulletin UASVM Food Science and Technology\*, 73\(1\):31-39](#)

**SANCHO-BRU Pau (2016 -EA1653)**

**Co-applicants: Caballeria J, Coll M and Aguilar B.**

**“Role of liver progenitor cells in the progression of alcoholic liver disease”**

**Institute of Biomedical Research, Hospital of Santa Creu, Barcelona - ES**

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[Coll M, Ariño S, Martínez-Sánchez C, Garcia-Pras E, Gallego J, Moles A, Aguilar-Bravo B, Blaya D, Vallverdú J, Rubio-Tomás T, Lozano JJ, Pose E, Graupera I, Fernández-Vidal A, Pol A, Bataller R, Geng JG, Ginès P, Fernandez M and \*\*Sancho-Bru P\*\* \(2022\) Ductular reaction promotes intrahepatic angiogenesis through Slit2-Roundabout 1 signaling. \*Hepatology\*, 75\(2\):353-368. doi: 10.1002/hep.32140. Epub 2021 Dec 15. PMID: 34490644; PMCID: PMC8766889](#)

[Aguilar-Bravo B and \*\*Sancho-Bru P\*\* \(2019\) Laser capture microdissection: techniques and applications in liver diseases. \*Hepatology International\*, 13\(2\):138-147](#)

[Aguilar-Bravo B, Rodrigo-Torres D, Arino S, Coll M, Pose E, Blaya D, Graupera I, Perea L, Vallverdu J, Rubio-Tomas T, Dubuquoy L, Armengol C, Lo Nigo A, Atärkel P, Methurin P, Batallier R, Caballeria J, Lozano JJ, Ginès P and \*\*Sancho-Bru P\*\* \(2018\) Ductular reaction cells display an inflammatory profile and recruit neutrophils in alcoholic hepatitis. \*Hepatology\*, 69\(5\):2180-2195](#)

[Blaya D, Aguilar-Bravo B, Hao F, Casacuberta-Serra S, Coll M, Perea L, Vallverdu J, Graupera I, Pose E, Llovet L, Barquinero J, Cubero FJ, Caballeria J Ginès P and \*\*Sancho-Bru P\*\* \(2018\) Expression of microRNA-155 in inflammatory cells modulates liver injury. \*Hepatology\*, 68\(2\):691-706](#)

**SAVOLAINEN Markku (2006 - EA0640)**

**Co-applicants: Takkinen LMK, Hörkkö SH, Nissinen AET.**

**“Generation and characterization of human monoclonal single chain antibodies specific to phosphatidylethanol”**

**Department of Internal Medicine, University of Oulu, Oulu - FI**

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[Nissinen AE, Laitinen LM, Kakko S, Helander A, \*\*Savolainen MJ\*\* and Hörkkö S \(2012\) Low plasma antibodies specific for phosphatidylethanol in alcohol abusers and patients with alcoholic pancreatitis. \*Addiction Biology\*, 17\(6\):1057-1067](#)

**SCHURMANN TOLSTRUP Janne (2014 - EA1437)**  
Co-applicants: **Nordestgaard BG, Gronbaek M, Mikkelsen SS.**  
**“Alcohol and bleeding in the general population”**  
**National Institute of Public Health, University of Southern Denmark - DK**

---

[Askgaard G, Christensen AI, Nordestgaard BG, Grønbaek M and \*\*Tolstrup JS\*\* \(2020\) Alcohol and risk of non-traumatic bleeding events in the general population: A prospective cohort study. \*Alcohol\*, 87:73-78](#)

[Christensen AI, Nordestgaard BG and \*\*Tolstrup JS\*\* \(2018\) Alcohol Intake and Risk of Ischemic and Haemorrhagic Stroke: Results from a Mendelian Randomisation Study. \*Journal of Stroke\*, 20\(2\):218-27](#)

**SHAWCROSS Deborah L. (2012 - EA1213)**  
Co-applicants: **Ryan J, O’Grady JG.**  
**“Neutrophil function in acute alcoholic hepatitis and alcohol-induced liver toxicity utilising a novel in vitro model of acute liver injury”**  
**Institute of Liver Study, King’s College, London - UK**

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[Tranah TH, Vijay GKM, Ryan JM, Abeles RD, Middleton PK and \*\*Shawcross DL\*\* \(2017\) Dysfunctional neutrophil effector organelle mobilization and microbicidal protein release in alcohol-related cirrhosis. \*American Journal of Physiology. Gastrointestinal and Liver Physiology\*, 313\(3\):G203-G211](#)

[Markwick LJ, Riva A, Ryan JM, Cooksley H, Palma E, Tranah TH, Manakkat Vijay GK, Vergis N, Thursz M, Evans A, Wright G, Tarff S, O’Grady J, Williams R, \*\*Shawcross DL\*\* and Chokshi S \(2015\) Blockade of PD1 and TIM3 restores innate and adaptive immunity in patients with acute alcoholic hepatitis. \*Gastroenterology\*, 148\(3\):590-602](#)

[Taylor NJ, Manakkat GK, Abeles RD, Auzinger G, Bernal W, Ma Y, Wendon A and \*\*Shawcross DL\*\* \(2014\) The severity of circulating neutrophil dysfunction in patients with cirrhosis is associated with 90-day and 1-year mortality. \*Alimentary Pharmacology & Therapeutics\*, 40:705-715](#)

**SIDORCHUK Anna (2013 - EA1305)**  
Co-applicants: **Allebeck P, Löfving S.**  
**“Life course study of alcohol harm in three generations: the importance of individual and contextual factors”**  
**Department of Public Health Science, Karolinska Institute, Stockholm - SE**

---

[Sidorchuk A, Goodman A and Koupil I \(2018\) Social class, social mobility and alcohol-related disorders in Swedish men and women: A study of four generations. \*PLoS ONE\*, 13\(2\): e0191855](#)

[Sidorchuk A, Goodman A and Koupil I \(2016\) Social class, social mobility and alcohol-related disorders in four generations of Swedish families: Anna Sidorchuk, \*European Journal of Public Health\*, 26, Issue suppl 1 ckw167.022](#)

**SIMONS Colinda (2014 - EA1439)**

Co-applicants: Van den Brandt PA, Weijenberg MP.

*“The role of genetic markers of alcohol dependence, bitter taste perception, and alcohol tolerance in determining drinking patterns and the risk of breast and colorectal cancer”*

Department of Epidemiology, University of Maastricht, Maastricht - NL

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[Offermans NSM, Ketcham SM, van den Brandt PA, Weijenberg MP and Simons CCJM \(2018\) Alcohol intake, \*ADH1B\* and \*ADH1C\* genotypes, and the risk of colorectal cancer by sex and subsite in the Netherlands Cohort Study. \*Carcinogenesis\*, 39\(3\):375-388](#)

[Hahn M, Simons CCJM, Weijenberg MP and van den Brandt PA \(2018\) Alcohol drinking, \*ADH1B\* and \*ADH1C\* genotypes, and the risk of postmenopausal breast cancer by hormone receptor status: The Netherlands Cohort Study on Diet and Cancer. \*Carcinogenesis\*, 39\(11\)1342–1351](#)

**SJOERDS Zsuzsika (2013 - EXA1301)**

Co-applicant: /

*(visit to Harvard Medical School / MGH Martinos Center for Biomedical Imaging in Boston - US)*

Boston Department of Psychiatry, Academic Medical Center, Amsterdam – NL

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[Sjoerds Z, Stufflebeam SM, Veltman DJ, Van den Brink W, Penninx BW and Douw L \(2015\) Loss of brain graph network efficiency in alcohol dependence. \*Addiction Biology\*, online version 22 December, doi: 10.1111/adb.12346](#)

**SOARES Rachel (2006 - EA0641)**

Co-applicants: Calhau C, Negrao R, Monteiro R.

*“Identification of inflammatory and angiogenic signaling mechanisms modulated by beer and red wine polyphenols”*

Department of Biochemistry, University of Porto, Porto - PT

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[Negrão R, Costa R, Duarte D, Gomes TT, Coelho P, Guimaraes JT, Guardão L, Azevedo I and Soares, R \(2012\) Xanthohumol-supplemented beer modulates angiogenesis and inflammation in a skin wound healing model. Involvement of local adipocytes. \*Journal of Cellular Biochemistry\*, 113\(1\), 100-109](#)

[Negrão R, Costa R, Duarte D, Taveira Gomes T, Mendanha M, Moura L, Vasques L, Azevedo I and Soares R \(2010\) Angiogenesis and inflammation signaling are targets of beer polyphenols on vascular cells. \*Journal of Cellular Biochemistry\*, 111\(5\) :1270-1279](#)

[Costa R, Carneiro A, Rocha A, Pirraco A, Falcao M, Vasques L and Soares R \(2009\) Bevacizumab and ranibizumab on microvascular endothelial cells: a comparative study. \*Journal of Cellular Biochemistry\*, 108\(6\) :1410-1417](#)

[Lopes FCM, Rocha A, Pirraco A, Regasini LO, Silva DHS, Bolzani VS, Azevedo I, Carlos IZ and Soares R \(2009\) Anti-angiogenic effects of pterogynidine alkaloid isolated from \*Alchornea glandulosa\*. \*BMC Complementary Medicine and Therapies\*, 9:15](#)

**RYCHLIK Michael (2018 - EA1807)**

**Co-applicants: Jan Frank.**

**“Comparing the bioactivities of the major human metabolites of hop-derived prenylated flavonoids to those of their parent compounds”**

**Department of Food and Nutritional Sciences, Technical University Munich, Munich - DE**

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[Buckett L, Schönberger S, Spindler V, Sus N, Frank J , Frank O and Rychlik M \(2022\) Synthesis of human phase I and phase II metabolites of hop \(\*Humulus lupulus\*\) prenylated flavonoids. \*Metabolites\* \(open access\)](#)

[Buckett L, Schinko S, Urmann C., Riepl H and Rychlik M \(2020\). Stable Isotope Dilution Analysis of the Major Prenylated Flavonoids Found in Beer, Hop Tea, and Hops. \*Frontiers in Nutrition\*, 7:619921](#)

**STICKEL Felix (2009 - EA0920)**

**Co-applicants: Hellerbrand C, Gäbele E.**

**“Analysis of the molecular mechanisms of the synergetic effect of chronic alcohol consumption and obesity on the development and progression of hepatic steatosis, steatohepatitis and fibrosis”**

**Institute of Clinical Pharmacology and Visceral Research, University of Bern, Bern - CH**

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[Mahli A, Thasler WE, Patsenker E, Müller S, \*\*Stickel F\*\*, Müller M, Seitz HK, Cederbaum AI and Hellerbrand C. \(2015\) Identification of cytochrome CYP2E1 as critical mediator of synergistic effects of alcohol and cellular lipid accumulation in hepatocytes \*in vitro\*. \*Oncotarget\*, 6:41464-78](#)

[Patsenker E, Stoll M, Millonig G, Agaimy A, Wissniowski T, Schneider V, Mueller S, Brenneisen R, Seitz HK, Ocker M and \*\*Stickel F\*\* \(2011\) Cannabinoid receptor type I modulates alcohol-induced liver fibrosis. \*Molecular Medicine\*, 17\(11-12\):1285-1294](#)

[Gäbele E, Dostert K, Dorn C, Patsenker E, \*\*Stickel F\*\* and Hellerbrand C \(2011\) A new model of interactive effects of alcohol and high-fat diet on hepatic fibrosis. \*Alcohol: Clinical and Experimental Research\*, 35\(7\):1361-1367](#)

[Stickel F and Seitz HK \(2010\) Alcoholic steatohepatitis. \*Best Practice and Research in Clinical Gastroenterology\*, 24\(5\):683-693](#)

**SZMIGIN Isabelle (2014 - EA1433)**

Co-applicant: Piacentini M.

*“Lifestyle, social media and alcohol consumption”*

Birmingham Business School, University of Birmingham - UK

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[Rogan F, Piacentini M and \*\*Szmigin I\*\* \(2016\) Marketing “Raunch Culture”: Sexualisation and Constructions of Femininity Within the Night-Time Economy. \*ACR North American Advances\*, 44:603-604](#)

**TERRY Philip (2011 - EA1110)**

Co-applicants: Nikcevic A.

*“Young people’s beliefs about the benefits and risks associated with different alcoholic beverages: a comparison of the UK and France”*

Department of Psychology, Kingston University, London - UK

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**THOMAS H. C. (2005 - EA0509)**

Co-applicant: Knapp S.

*“Identification of a candidate gene influencing alcohol intake, using a mouse line with alcohol preference induced by ENU mutagenesis”*

Department of Medicine Imperial College, St Mary’s Hospital - UK

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[Anstee QM, Knapp S, Maguire EP, Hosie AM, Thomas P, Mortensen M, Bhome R, Martinez A, Walker SE, Dixon CI, Ruparelia K, Montagnese S, Kuo YT, Herlihy A, Bell JD, Robinson I, Guerrini I, McQuillin A, Fisher EMC, Ungless MA,](#)

[Gurling JMD, Morgan MY, Brown SDM, Stephens DN, Belelli D, Lambert JJ, Smart TG and \*\*Thomas HC\*\* \(2013\) Mutations in the \*Gabrb1\* gene promote alcohol consumption through increased tonic inhibition. \*Nature Communications\*, 4\(2816\)](#)

**TOIETTA Gabriele (2017 - EA 1716)**

**Co-applicant:**

"In vivo evaluation of the effects of alcohol exposure on cell proliferation"

Department of Research, Advanced Diagnostic and Technological Innovation, Regina Elena National Cancer Institute , **Rome - IT**

---

Baldari S, Manni I, Di Rocco G, Piaggio G and **Toietta G** ( Submitted 2022) *In vivo* evaluation of the effects of acute C<sub>2</sub>H<sub>6</sub>O exposure on cell proliferation. *Cancers*, Special Issue entitled "Alcohol Use and Cancer Risk". Impact Factor 2019: 6.126

[Baldari S, Manni I, Di Rocco G, Paolini F, Palermo B, Piaggio G and \*\*Toietta G\*\* \(2021\) Reduction of Cell Proliferation by Acute C<sub>2</sub>H<sub>6</sub>O Exposure. \*Cancers \(Basel\)\*, 13\(19\):4999. doi: 10.3390/cancers13194999. PMID: 34638483](#)

[Di Rocco G, Baldari S, Pani G and \*\*Toietta G\*\* \(2019\) Stem cells under the influence of alcohol: effects of ethanol consumption on stem/progenitor cells. \*Cellular and Molecular Life Sciences\*, 76\(2\):231-244. doi: 10.1007/s00018-018-2931-8](#)

[Trivisonno A, Alexander RW, Baldari S, Cohen SR, Di Rocco G, Gentile P, Magalon G, Magalon J, Miller RB, Womack H and \*\*Toietta G\*\* \(2019\) Intraoperative strategies for minimal manipulation of autologous adipose tissue for cellular and tissue-based therapies. \*Stem Cells Translational Medicine\*, 8:1265-1271. doi: 10.1007/s00018-018-2931-8](#)

**TRESSERRA RIMBAU Anna (2015 - EA 1514)**

**Co-applicants:** Estruch Riba R, Lamuela Raventos RM, Quifer-Rada P, Creus-Cuadro A.

"*Evaluation of moderate daily intake of beer in reducing menopausal symptoms. Estrogenic effect of hop prenylflavonoids*"

Department of Nutrition and Food Science, School of Pharmacy, University of Barcelona, Barcelona - ES.

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[Sandoval-Ramírez BA, Lamuela-Raventós RM, Estruch R, Sasot G, Doménech M and \*\*Tresserra-Rimbau A\*\* \(2017\) Beer Polyphenols and Menopause: Effects and Mechanisms-A Review of Current Knowledge. \*Oxidative Medicine and Cellular Longevity\*, 4749131. <https://doi.org/10.1155/2017/4749131>](#)

**VAN DEN BREE Marianne (2003 - EA0313)**

<sup>1</sup> **Co-applicants:** Thapar A, Scourfield J.

**“Genetic and environmental influences on risk factors of adolescent alcohol use and problem use”**

Department of Psychological Medicine, University of Wales, Cardiff, Wales - UK

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[Glaser B, Shelton KH and \*\*van den Bree MBM\*\* \(2010\). The moderating role of close friends in the relationship between conduct problems and adolescent substance use. \*Journal of Adolescent Health\*, 47\(1\):35-42](#)

[Fowler T, Shelton K, Lifford K, Rice F, McBride A, Nikolov I, Neale MC, Harold G, Thapar A and \*\*van de Bree MBM\*\* \(2007\). Genetic and environmental influences on the relationship between peer alcohol use and own alcohol use in adolescents. \*Addiction\*, 102:894-903](#)

[Fowler T, Lifford K, Shelton K, Rice F, Thapar A, Neale MC, McBride A and \*\*van den Bree MBM\*\* \(2007\). Exploring the relationship between genetic and environmental influences on initiation and progression of substance use. \*Addiction\*, 101\(3\):413-422](#)

**VAN DEN BREE Marianne (2010 - EA1008)**

Co-applicants: Shelton K, Heron J, Munafo M, Hickman M, Maughan B.

**“Peer group influences on the relationship between depressive symptoms and alcohol misuse in adolescence”**

Department of Psychological Medicine, University of Wales, Cardiff, Wales - UK

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[Pesola F, Shelton KH, Heron J, Munafo M, Hickman M and \*\*van den Bree MBM\*\* \(2015\) The developmental relationship between depressive symptoms in adolescence and harmful drinking in emerging adulthood: the role of peers and parents. \*Journal of Youth and Adolescence\*, 44\(9\):1752-66](#)

[Pesola F, Shelton KH, Heron J, Munafo M, Maughan B, Hickman M and \*\*van den Bree MBM\*\* \(2015\) The mediating role of deviant peers on the link between depressed mood and harmful drinking. \*Journal of Adolescent Health\*, 56\(2\):153-159](#)

[Pesola F, Shelton KH and \*\*van den Bree MBM\*\* \(2014\) Sexual orientation and alcohol problem use among UK adolescents: an indirect link through depressed mood. \*Addiction\*, 109\(7\):1072-1080](#)

**VENTURELLI Sascha (2015 - EA1528)**

Co-applicants: Busch C, Franck J.

**“Activation of the human innate immune system and anticancer properties mediated by hop-derived prenylflavonoids naturally enriched in beer”**

Department of Internal Medicine, University of Tübingen, Tübingen - DE

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[Venturelli S, Niessner H, Sinnberg T, Berger A, Burkard M, Urmann C, Donaubauer K, Böcker A, Leischner C, Riepl H, Frank J, Lauer UM, Garbe C and Busch C \(2018\) 6- and 8-Prenylnaringenin, Novel Natural Histone Deacetylase Inhibitors Found in Hops, Exert Antitumor Activity on Melanoma Cells. \*Cellular Physiology and Biochemistry\*, 52\(2\):543-556. DOI: 10.1159/000495275](#)

[Sus N, Schlenz J, Calvo-Castro, LA, Burkard M, Venturelli S, Busch C and Frank J \(2018\) Validation of a rapid and sensitive reversed-phase liquid chromatographic method for the quantification of prenylated chalcones and flavanones in plasma and urine. \*NFS Journal\*, 10:1-9. DOI: j.nfs.2017.11.001](#)

[Burkard M, Kohl S, Krätzig T, Tanimoto N, Brennenstuhl C, Bausch AE, Junger K, Reuter P, Sothilingam V, Beck SC, Huber G, Ding XQ, Mayer AK, Baumann B, Weisschuh N, Zobor D, Hahn GA, Kellner U, Venturelli S, Becirovic E, Charbel Issa P, Koenekoop RK, Rudolph G, Heckenlively J, Sieving P, Weleber RG, Hamel C, Zong X, Biel M, Lukowski R, Seeliger MW, Michalakis S, Wissinger B and Ruth P \(2018\) Accessory heterozygous mutations in cone photoreceptor CNGA3 exacerbate CNG channel-associated retinopathy. \*The Journal of Clinical Investigation\*, 128\(12\):5663-5675 DOI: 10.1172/JCI96098](#)

[Calvo-Castro LA, Burkard M, Sus N, Scheubeck G., Leischner C, Lauer UM, Bosy-Westphal A, Hund V., Busch C, Venturelli S and Frank J \(2018\) The oral bioavailability of 8-prenylnaringenin from hops \(\*Humulus lupulus\* L.\) in healthy women and men is significantly higher than that of its positional isomer 6-prenylnaringenin in a randomized crossover trial. \*Molecular Nutrition and Food Research\*, 62\(7\):1700838. DOI: mnfr.201700838](#)

[Burkard M, Leischner C, Lauer UM, Busch C, Venturelli S and Frank J \(2017\) Dietary flavonoids and modulation of natural killer cells: Implications in malignant and viral diseases. Review article; \*Journal of Nutritional Biochemistry\*, 46:1-12. DOI: 10.1016/j.jnutbio.2017.01.006](#)

[Aschermann I, Noor S, Venturelli S, Sinnberg T, Mních CD and Busch C \(2017\) Extracorporeal shock waves activate migration, proliferation and inflammatory pathways in fibroblasts and keratinocytes, and improve wound healing in an open-label, single-arm study in patients with therapy-refractory chronic leg ulcers. \*Cellular Physiology and Biochemistry\*, 41\(3\):890-906.](#)

[Ellerhoff T, Berchtold S, Venturelli S, Burkard M, Smirnow I, Wulff T and Lauer UM \(2016\) Novel epi-virotherapeutic treatment of pancreatic cancer combining the oral histone deacetylase inhibitor resminostat with oncolytic measles vaccine virus. \*International Journal of Oncology\*, 49\(5\):1931-1944 DOI: 10.3892/ijo.2016.3675](#)



**VERHAGE Bas (2009 - EA0910)**

**Co-applicants: Schouten LJ, Schouten HC, van den Brandt PA.**

**“The role of alcohol intake in the etiology of lymphatic malignancies”**

**Department of Epidemiology, University of Maastricht, Maastricht - NL**

---

[Heinen MM, van den Brandt PA, Schouten LJ, Goldbohm RA, Schouten HC and \*\*Verhage BAJ\*\* \(2014\) Dietary one-carbon nutrient intake and risk of lymphoid and myeloid neoplasms: results of the Netherlands cohort study. \*Cancer Epidemiology, Biomarkers and Prevention\*, 23\(10\):2153-2164](#)

[Heinen MM, \*\*Verhage BAJ\*\*, Schouten LJ, Goldbohm RA, Schouten HC and van den Brandt PA \(2013\) Alcohol consumption and risk of lymphoid and myeloid neoplasms: results of the Netherlands cohort study. \*International Journal of Cancer\*, 133\(7\):1701-1713.](#)

**VON STUMM Sophie (2018 - EA1816)**

**Co-applicant:**

**“Using genome-wide polygenic scores to explain adolescents' drinking behaviours and their concurrent and subsequent health”**

**Kings College London, London - UK**

---

[Kandaswamy R, Allegrini A, Nancarrow A, Cave SN, Plomin R and \*\*von Stumm S\*\* \(2021\) Predicting alcohol use from genome-wide polygenic scores, environmental factors, and their interactions in young adulthood. \*Psychosomatic Medicine\*, August 31. doi: 10.1097/PSY.0000000000001005](#)

[Kandaswamy R, Allegrini A, Plomin R and \*\*von Stumm S\*\* \(2021\) Predictive validity of genome-wide polygenic scores for alcohol use from adolescence to young adulthood. \*Drug Alcohol Dependence\*, 219:108480. <https://doi.org/10.1016/j.drugalcdep.2020.108480>](#)

**WALDENBERGER Melanie (2018 - EA1817)**

**Co-applicant: Rory Wilson, Kirstin Mittelstraß and Christian Gieger**

**“The influence of alcohol-consumption-induced DNA methylation changes on lifestyle and health in the general population”**

**Institute of Epidemiology, Helmholtz Zentrum München, Munich - DE**

---

[Maas SCE, Vidaki A, Teumer A, de Oliveira Costeira R, Wilson R, van Dongen J, Beekman M, BIOS Consortium, Boomsma DI, Slagboom PE, van Heemst D, van der Kallen CJH, van den Berg LH, Kunze S, Ladwig K-H, \*\*Waldenberger M\*\*, Peters A, Bell JT,](#)

[van Meurs JBJ, Uitterlinden AG, Voortman T, Ikram MA, Ghanbari M and Kayser M \(2021\) Validation of biomarkers, models, and methodology for epigenetic inference of alcohol consumption from blood. \*Clinical Epigenetics\* 13, Article number: 198](#)

[Dugué PA, Wilson R, Lehne B, Jayasekara H, Wang X, Jung CH, Joo JE, Makalic E, Schmidt DF, Baglietto L, Severi G, Gieger C, Ladwig K-H, Peters A, Kooner JS, Southey MC, English DR, \*\*Waldenberger M\*\*, Chgambers JC, Giles GG and Milne RL \(2021\). Alcohol consumption is associated with widespread changes in blood DNA methylation: Analysis of cross-sectional and longitudinal data. \*Addiction Biology\*, 26\(1\): e12855. doi: 10.1111/adb.12855](#)

**WEIJENBERG Matty (2003 - EA0307)**

Co-applicants: De Goeij AFPM, Bausch-Goldbohm RA, van den Brandt PA.

**“Alcohol consumption and risk of genetic alterations in genes involved in colorectal cancer in The Netherlands Cohort Study on diet and cancer”**

Departments of Epidemiology and Pathology, University of Maastricht, Maastricht - NL

---

[Bongaerts BW, de Goeij AF, Wouters KA, van Engeland M, Gottschalk RW, Van Schooten FJ, Goldbohm RA, van den Brandt PA and \*\*Weijenberg, MP\*\* \(2011\) Alcohol consumption, alcohol dehydrogenase 1C \(ADH1C\) genotype, and risk of colorectal cancer in the Netherlands Cohort Study on diet and cancer. \*Alcohol\*, 45\(3\), 217-225](#)

[Bongaerts BWC, van den Brandt PA, Goldbohm RA, de Goeij AFPM and \*\*Weijenberg MP\*\* \(2008\) Alcohol consumption, type of alcoholic beverage and risk of colorectal cancer at specific subsites. \*International Journal of Cancer\*, 123\(10\): 2411-2417](#)

[Bongaerts BWC, de Goeij AFPM, de Vogel S, van den Brandt PA, Goldbohm RA and \*\*Weijenberg MP\*\* \(2007\) Alcohol consumption and distinct molecular pathways to colorectal cancer. \*British Journal of Nutrition\*, 97\(3\): 430-434](#)

[Bongaerts BWC, de Goeij AFPM, van den Brandt P and \*\*Weijenberg MP\*\* \(2006\) Alcohol and the risk of colon and rectal cancer with mutations in the K-ras gene. \*Alcohol\*, 38\(3\): 147-154](#)

**WHELAN Robert (2015 - EA1550)**

Co-applicant: /

**“Dissociating impulsivity and reward processing endophenotypes of alcohol misuse patterns”**

Department of Psychology, University of Dublin, Belfield Dublin 4 - IE

---

[Cao Z, Bennett M, O'Halloran L, Pragulbickaite G, Flanagan L, McHugh L and \*\*Whelan R\*\* \(2021\) Aberrant reward prediction errors in young adult at risk alcohol users. \*Addiction Biology\*, doi: 10.1111/adb.12873](#)

[O'Halloran L, Rueda-Delgado LM, Jollans L, Cao, Z, Boyle R, Vaughan C, Coey P and \*\*Whelan R\*\* \(2019\) Inhibitory-control event-related potentials correlate with individual differences in alcohol use. \*Addiction Biology\*, 1-11. DOI: 10.1111/adb.12729](#)

[O'Halloran L, Pennie B, Jollans L, Kiiski H., Vahey N., Rai L, Bradley L, Lalor R and \*\*Whelan R\*\* \(2018\) A Combination of Impulsivity Subdomains Predict Alcohol Intoxication Frequency. \*Alcoholism: Clinical and Experimental Research\*, 42\(8\):1530-1540](#)

[Padilla MM, O'Halloran L, Bennett M, Cao Z and \*\*Whelan R\*\* \(2017\) Impulsivity and Reward Processing Endophenotypes in Youth Alcohol Misuse. \*Current Addiction Reports\*, 4\(4\):350-363. DOI 10.1007/s40429-017-0167-6](#)

[O'Halloran L, Nymberg C, Jollans L, Garavan H and \*\*Whelan R\*\* \(2017\) The potential of neuroimaging for identifying predictors of adolescent alcohol use initiation and misuse. \*Addiction\*, 112\(4\),719-726. <https://doi.org/10.1111/add.13629>](#)

**WRIGHT Matthew (2014 - EA1402)**

Co-applicant: Kass G.

*“The effect of alcohol on the absorption and toxicity of food chemicals via the gut”*

Institute Cellular Medicine, Newcastle University, Newcastle Upon Tyne - UK

---

[Meyer SK, Probert PME, Lakey AF, Axon AR, Leitch AC, Williams FM, Jowsey PA, Blain PG, Kass GEN and Wright MC \(2017\) Hepatic effects of tartrazine \(E 102\) after systemic exposure are independent of oestrogen receptor interactions in the mouse. \*Toxicology Letters\*, 273:55-68](#)

**YANG Min (2012 - EA1206)**

Co-applicants: McMurrin M, Guo B.

*“The pathway of early life social economic status to midlife alcohol use to late life ill health”*

Institute of Mental Health, University of Nottingham - UK

---

**ZANOTTI Ilaria (2013 - EA1309)**

Co-applicant: Bernini F.

***“Impact of alcohol consumption on the atheroprotective process of the reverse cholesterol transport”***

Department of Pharmacy, University of Parma, Parma - IT

---

[Greco D, Battista S, Mele L, Piemontese A, Papotti B, Cavazzini S, Potì F, Di Rocco G, Poli A, Bernini F and \*\*Zanotti I\*\* \(2018\) Alcohol Pattern Consumption Differently Affects the Efficiency of Macrophage Reverse Cholesterol Transport in Vivo. \*Nutrients\*, 10:1885; doi:10.3390/nu10121885](#)

**ZINK Mathias (2005 - EA0512)**

Co-applicant: Spanagel R.

***“Investigations on glutamatergic and GABAergic disturbances that may result in fetal alcohol syndrome”***

Departments of Psychiatry Psychopharmacology, Central Institute of Mental Health, Mannheim - DE

---

[Zink M, Ferbert T, Franck ST, Seufert P, Gebicke-Haeter PJ and Spanagel R \(2011\) Perinatal exposure to alcohol disturbs spatial learning and glutamate transmission-related gene expression in the adult hippocampus. \*European Journal of Neuroscience\*, 34:457-468](#)

[Spanagel R \(2009\) Alcoholism: a systems approach from molecular physiology to addictive behavior. \*Physiological Reviews\*, 89:649-705](#)

[Zink M, Araç G, Frank STh, Gass P, Gebicke-Härter PJ and Spanagel R \(2009\) Perinatal exposure to alcohol reduces the expression of complexins I and II. \*Neurotoxicology and Teratology\*, 31:400-405](#)

## ***Publications related to research funded by ERAB***

### ***Book chapters***

**SOARES Rachel (2006 - EA0641)**

Co-applicants: Calhau C, Negrao R, Monteiro R.

***“Identification of inflammatory and angiogenic signaling mechanisms modulated by beer and red wine polyphenols”***

Department of Biochemistry, University of Porto, Porto - PT

---

Negrao R and Faria A (2009) Natural polyphenols as anti-oxidant, anti-inflammatory and anti-angiogenic agents in the metabolic syndrome. *In* "Oxidative stress, inflammation and angiogenesis in the metabolic syndrome", **Soares R** and Costa C (eds), Springer Science+Business Media B.V.

**ZINK Mathias (2005 - EA0512)**

**Co-applicant: Spanagel R.**

***"Investigations on glutamatergic and GABAergic disturbances that may result in fetal alcohol syndrome"***

**Departments of Psychiatry Psychopharmacology, Central Institute of Mental Health, Mannheim - DE**

---

Rasenack R and **Zink M** (2010) Alkohol und Tabak in der Schwangerschaft – book chapter 5.1 *in* "Alkohol, Tabak und Folgeerkrankungen", Eds Singer MV, Batra A and Mann K, ISBN/ISSN: 9783131466716.

Spanagel R, **Zink M** and Sommer W. Neurobiology of Alcohol Addiction. *In*: Donald Pfaff (Editor in Chief): Neuroscience in the 21. Century Springer Verlag 2013, pp 2745-2773.

**CAMPANELLA Salvatore (2010 - EA1030)**

**Co-applicants: Verbanck P, Noël X, Ward RJ.**

***"Binge drinking: Cognitive and brain impairment and their association with immune response"***

**Medical Psychology Laboratory, Brugmann Hospital ULB, Brussels, BE**

---

Crichton RR and Ward RJ. Alcoholic Brain Damage, *in* [Metal-based neurodegeneration. From molecular mechanisms to therapeutic strategies](#). 2nd edition. Wiley & Sons (2013) (ISBN:978-1-119-97714-8) 438 pages.

Roberta J Ward, Robert R Crichton and David T Dexter. Alcoholic Brain Damage, *in* [Mechanisms and Metal Involvement in Neurodegenerative](#). Royal Society of Chemistry - Metallobiology (2013) (ISBN:978-1-84973-588-9) 230 pages.

## **Publications related to research funded by ERAB**

### **Theses**

**IMHOF Armin (2003 - EA0306)**

**Co-applicants: Wohlfrom M, Hoffmeister A, Koenig W, Hanke H.**

***“Alcohol, inflammation and atherosclerosis Parts 1, 2 and 3”***

**Department of Internal Medicine, University of Ulm, Ulm - DE**

Dr. Armin Imhof MD Thesis for associate professorship (“Habilitation” in Germany);

Rosa Blagieva MD, Stefan Wolff MD, Katrin Meitingner MD, Ines Plamper MD, Steffen Meier MD: Thesis for Medical Doctoral grade.

**WEIJENBERG Matty (2003 - EA0307)**

**Co-applicants: De Goeij AFPM, Bausch-Goldbohm RA, van den Brandt PA.**

***“Alcohol consumption and risk of genetic alterations in genes involved in colorectal cancer in The Netherlands Cohort Study on diet and cancer”***

**Departments of Epidemiology and Pathology, University of Maastricht, Maastricht - NL**

---

Dr. BW Bongaerts PhD Thesis Alcohol consumption as a risk factor for colorectal cancer. An epidemiological study on genetic susceptibility and molecular endpoints (PhD Thesis). Maastricht, 2008: Datawyse, Universiteit Pers Maastricht.

**DE WITTE Philippe (2003 - EA0312)**

**Co-applicant: /**

***“Neuropsychobiological mechanisms underlying the co-dependence alcohol-nicotine and the respective neurotoxicities occurring during their combined consumptions and their withdrawals”***

**Laboratory of Behavioural Biology, Université Catholique de Louvain, Louvain-la- Neuve - BE**

---

Dr. Dahchour PhD Thesis “Ethanol effects on Neuro-excitatory and neuroinhibitory Amino Acids in Rats: Brain Microdialysis Study”.

**REEVES Helen L. (2003 - EA0315)**

**Co-applicant: Day CP.**

***“A comprehensive identification and characterisation of genes that are differentially expressed during the development and progression of alcohol induced liver disease”***

**Centre for Liver Research, University of Newcastle upon Tyne, Newcastle upon Tyne - UK**

---

Dr. Kendrick – PhD Thesis

**COLOMBO Giancarlo (2004 - EA0401)**

**Co-applicants: Carai MAM, Lobina C.**

***“Development of a rodent model of beer consumption: investigation on the differential contribution of gustatory and pharmacological factors to beer drinking behaviour”***

**Department of Neuroscience, University of Cagliari, Cagliari - IT**

---

Dr. Paola Maccioni – PhD Thesis

Dr. Alessandro Orrù - PhD Thesis

**CREA Filippo (2004 - EA0407)**

**Co-applicant: de Gaetano G.**

***“Mechanisms of the protective effects of alcohol consumption on cardiovascular risk and on myocardial preconditioning”***

**Institute of Cardiology, Catholic University of the Sacred Heart, Rome - IT**

---

Dr. Leone – PhD Thesis

**BEWICK Bridgette Maree (2005 - EA0508)**

***“The e-UNICAL project: e feasibility and effectiveness study into delivering an electronic feedback and social norms intervention designed to decrease university students’ consumption of alcohol”***

**Department of Behavioral Sciences, Faculty of Medicine and Health, University of Leeds, Leeds - UK**

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**BM Bewick PhD Thesis 2010 Measuring, monitoring and modifying students’ mental health.**

**HUIZINK Anja (2006 - EA0609 ; EXA0601)**

**Co-applicants: Ferdinand RF, Verhust FC, van der Ende J, van Gastel W.**

***“Stress reactivity, psychopathology and age at first alcohol use”***

Department of Child and Adolescent Psychiatry, Erasmus Medical Centre, Rotterdam - NL

---

Dr. Brittany Evans - PhD Thesis 2013

**SAVOLAINEN Markku (2006 - EA0640)**

*“Generation and characterization of human monoclonal single chain antibodies specific to phosphatidylethanol”*

Department of Internal Medicine, University of Oulu, Oulu - FI

---

[AE Nissines PhD Thesis 2011 Humoral immune response to phosphatidylethanol.](#)

**DOOLEY Steven (2006 - EA0624)**

Co-applicants: Breitkopf K, Singer MV.

*“Delineating the role of TGF- $\beta$  signal transduction in alcohol dependent steatosis and steatohepatitis”*

Department of Medicine II, University Hospital, Mannheim - DE

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Dr. Breitkopf - Thesis for associate professorship (“Habilitation” in Germany)

**SOARES Rachel (2006 - EA0641)**

Co-applicants: Calhau C, Negro R, Monteiro R.

*“Identification of inflammatory and angiogenic signaling mechanisms modulated by beer and red wine polyphenols”*

Department of Biochemistry, University of Porto, Porto - PT

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Dr. Flavia Lopes - PhD Thesis 2008

Dr. Rita Negrão - PhD thesis 2012

Dr. Susana Guerreiro - PhD Thesis 2012

Dr. Renata Ramalho - PhD Thesis 2013

Ms. Raquel Costa - Masters Thesis 2011

**LINNEBANK Michael (2007 - EA0704)**

Co-applicant: Bleich S.

*“The impact of methionine metabolism for the incidence and the clinical course of alcohol dependency”*



**Department of Neurology, University Hospital, Bonn - DE**

Annemarie Heberlein - Thesis for associate professorship ("Habilitation" in Germany)

**DELLA CORTE Laura (2007 - EA0723)**

**Co-applicants: Dexter DT, Ward RJ.**

***"Molecular and cellular damage induced by binge drinking in adolescents. Can this be diminished by targeted protaurine drugs?"***

**Department of Preclinical and Clinical Pharmacology, University Firenze, Firenze - IT**

---

Dr. Chiara Stefanini - PhD Thesis

**HILLEMACHER Thomas (2008 - EA0806)**

**Co-applicants: Donath C, Grassel E.**

***"Risk factors for alcohol binge drinking in native adolescents and immigrants in Germany"***

**Klinik für Psychiatrie, Sozialpsychiatrie und Psychotherapie, Hannover - DE**

---

Dr. Carolin Donath – PhD Thesis

**DE GAETANO Giovanni (2008 - EA0827)**

***"Alcohol consumption and mortality risk among patients with cardiovascular disease: a meta-analysis and a longitudinal study on patients with coronary artery disease undergoing surgical revascularization"***

**Università Cattolica del Sacro Cuore, Centro di Ricerche e Formazione ad Alta Tecnologia nelle Scienze Biomediche, Campobasso - IT**

---

Dr. Augusto Di Castelnuovo - PhD Thesis 2010

[Dr. Simona Cosatanzo – PhD Thesis 2012 Alcohol consumption in relation to cardiovascular risk and mortality.](#)

**HENDRIKS Henk (2008 - EA0821)**

***"Effects of moderate alcohol consumption on gene expression in subcutaneous adipose tissue in lean and overweight postmenopausal women"***

**Business Unit Biosciences, TNO Quality of Life, AJ Zeist - NL**

---

[Dr. M Joosten – PhD Thesis 2010 Moderate alcohol consumption, adiponectin, inflammation and type 2 diabetes risk - Prospective cohort studies and randomized crossover trials.](#)

**VAN DEN BREE Marianne (2010 - EA1008)**

**Co-applicants: Shelton K, Heron J, Munafò M, Hickman M, Maughan B.**

***“Peer group influences on the relationship between depressive symptoms and alcohol misuse in adolescence”***

**Department of Psychological Medicine, University of Wales, Cardiff, Wales - UK**

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Dr. Luca Saraceno - PhD Thesis 2010

Dr. Roland Jones - PhD Thesis 2015

Dr. Jennifer Ware - PhD Thesis 2012

Dr. Alegra Hummel - PhD Thesis 2013

**GOUDRIAAN Anna (2010 - EA1027)**

**Co-applicants: van den Brink W, Veltman DJ.**

***“Changing the vulnerable brain: a neuromodulation study in alcohol dependence”***

**Department of Psychiatry, Academic Medical Center, Amsterdam – NL**

---

Dr. Jochem M. Jansen - PhD Thesis 2016

**TERRY Philip (2011 - EA1110)**

**Co-applicants: Nikcevic A.**

***“Young people’s beliefs about the benefits and risks associated with different alcoholic beverages: a comparison of the UK and France”***

**Department of Psychology, Kingston University, London - UK**

---

Dr. Victoria Barber - PhD Thesis 2016 [Young people's beliefs about the health effects of different alcoholic beverages: an exploratory comparison of the UK and France](#)

**NYLANDER Ingrid (2011 - EA1130)**

**Co-applicants: Roman E, Svensson AL, Daoura L, Palm S.**

***“Neurobiological and behavioural consequences of adolescent alcohol consumption; studies of causal links between early-life conditions and vulnerability for alcohol use disorders”***

**Department of Pharmaceutical Biosciences, Neuropharmacology, Addiction and Behaviour, University of Uppsala - SE**

---

Dr. Loudin Daoura – PhD Thesis 2013, Early environment and adolescent ethanol consumption; Effects on endogenous opioids and behaviour in rats.

Dr. Sara Palm - PhD Thesis 2014, Early environment, adolescent alcohol drinking and neurobiological responses to drugs.

**CANNELLA Nazzareno (2018 - EA1840)**

**Co-applicants: Roberto Ciccocioppo, Anna Maria Eleuteri, Alessio Masi and Michele Petrella.**

**“Effect of beer consumption on microbiota: Can it protect from cognitive decline associated with Alzheimer’s Disease or neurological damage?”**

**School of Pharmacy, University of Camerino, Camerino, IT.**

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Dr. Olee Gogoi – PhD Thesis 2022

**RYCHLIK Michael (2018 - EA1807)**

**Co-applicants: Jan Frank.**

**“Comparing the bioactivities of the major human metabolites of hop-derived prenylated flavonoids to those of their parent compounds”**

**Department of Food and Nutritional Sciences, Technical University Munich, Munich - DE**

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Dr. Lance Buckett – PhD Thesis 2022