

LIST OF SUBMITTED PUBLICATIONS

Housing conditions and the social organization of rodents.

D. Benton (40%), J.F. Goldsmith, L. Gamel-el-Din, P.F. Brain and F.H. Hucklebridge (1978). Adrenal activity in isolated mice and mice of different social status Physiology and Behavior, 20, 459-464.

P.F. Brain, D. Benton (30%) and J.C. Bolton (1978). A comparison of agonistic behavior in individually-housed male mice and those cohabiting with females. Aggressive Behavior, 4, 201-206.

J.F. Goldsmith, P.F. Brain and D. Benton (25%) (1978). Effects of the duration of individual or group housing on behavioural and adrenocortical reactivity in male mice. Physiology and Behavior, 21, 757-760.

P.F. Brain and D. Benton (50%) (1979). The interpretation of physiological correlates of differential housing in laboratory rats. Life Sciences, 24, 99-116.

D. Benton (50%), P.F. Brain and J.F. Goldsmith (1979). Effects of prior housing on endocrine responses to differential caging in male TO-strain mice. Physiological Psychology, 7, 88-92.

D. Benton (50%) and P.F. Brain (1979). Behavioural comparisons of isolated, dominant and subordinate mice. Behavioral Processes, 4, 211-219.

P.F. Brain, D. Benton (25%) , P.A. Howell and S.E. Jones (1980). Resident rats' aggression towards intruders. Animal Learning and Behavior, 8, 331-335.

D. Benton (50%), J.C. Dalrymple-Alford and P.F. Brain (1980). Comparisons of measures of dominance in the laboratory mouse. Animal Behavior, 28, 1274-1279.

P.F. Brain, D. Benton (25%), C. Cole and B. Prowse (1980). A device for recording submissive vocalization of laboratory mice. Physiology and Behaviour, 24, 1003-1006.

D. Benton (50%) and P.F. Brain (1981). Behavioural and adrenocortical reactivity in female mice following different durations of individual or group housing. Developmental Psychobiology, 14, 101-107.

J.C. Dalrymple-Alford and D. Benton (40%) (1981). Activity differences of individual- and group-housed male and female rats. Animal Learning and Behaviour, 9, 50-55.

J.C. Dalrymple-Alford and D. Benton (40%) (1981). The effect of social isolation of the rat on open field activity and emergence. Behavioral Processes, 6, 283-290.

P.F. Brain, D. Benton (25%), G. Childs and S. Parmigiani (1981). The effect of the type of opponent in tests of murine aggression. Behavioural Processes, 6, 319-327.

D. Benton (100%) (1982). Is the concept of dominance useful in understanding rodent behaviour? Aggressive Behavior, 8, 104-107.

P.F. Brain and D. Benton (50%) (1983). Conditions of housing, hormones and aggressive behavior. In B. Svare (Ed.). Hormones and Behavior, Plenum, pp. 351-372.

J.C. Dalrymple-Alford and D. Benton (40%) (1984). Pre-operative housing and dorsal hippocampal lesions in rats. Behavioral Neuroscience, 98, 23-34.

J.C. Dalrymple-Alford and D. Benton (40%)(1984). Behavioural inhibition and the time of isolation. The Quarterly Journal of Experimental Psychology, 36B, 27-38.

D. Benton (100%) (1989). Measuring animal aggression. In: R. Plutchik and H. Killerman (Eds.). The Measurement of Emotions, Academic Press, pp 261 - 291.

D. Benton (100%) (1989). Models of mother-infant interactions - their use to screen for psychotropic activity. In: R.J. Blanchard, P.F. Brain, D.C. Blanchard and S. Parmigiani (Eds.). Ethoexperimental approaches to the study of behavior, Kluwer Academic Publishers. pp508-524.

Psychopharmacology

D. Benton (50%). and R.N. Newton (1983). The influence of cyclic CMP on aggressive behaviour. Aggressive Behavior, 9, 281-281.

D. Benton (40%), P.F. Brain, S. Jones, E. Colebrook and V. Grimm (1983). Behavioural examination of the anti-aggressive drug DU 27716. Behavioural Brain Research, 10, 325-338.

D. Benton (50%), S. Brain and P.F. Brain (1984). Comparisons of the influence of the opiate delta receptor antagonist ICI 154, 129 and naloxone on tests of social interaction and behaviour in the open field. Neuropharmacology, 23, 13-17.

D. Benton, J.C. (40%), Dalrymple-Alford, K. McAllister, S. Brain and P.F. Brain (1984). Comparisons of the influence of the opiate delta receptor antagonist ICI 154,129 and naloxone in tests of passive avoidance, extinction and food intake. Psychopharmacology, 82, 41-45.

D. Benton (100%). (1984). The long-term effects of naloxone, dibutyl cyclic CMP and chlorpromazine on aggression in mice monitored by an automated device. Aggressive Behavior, 10, 79-89.

P.F. Brain, S. Brain and D. Benton (25%). (1985). Ethological analyses of the effects of the opioid antagonists naloxone and ICI 154,129 on social interactions in male mice. Behavioural Processes, 10, 341-354.

D. Benton (50%), R. Smoothy and P.F. Brain (1985). Comparisons of the influence of morphine sulphate, morphine-3-glucuronide and tifluadom on social encounters in mice. Physiology and Behavior, 35, 689-693.

D. Benton (40%), J.C. Dalrymple-Alford, P.F. Brain and V.E. Grimm (1985). Prenatal administration of diazepam improves radial maze learning in mice. Comparative Biochemistry and Physiology, 80C, 273-275.

P.F. Brain, R. Smoothy and D. Benton (25%). (1985). Ethological analysis of the effects of tifluadom on social interactions in male albino mice. Pharmacology, Biochemistry and Behavior, 23, 979-985.

D. Benton (100%). (1985). Mu and kappa opiate receptor involvement in agonistic behaviour in mice. Pharmacology, Biochemistry and Behavior, 23, 871-876.

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D. Benton (100%) (1988). The role of opiate mechanisms in social relationships. In: M.H. Lader (Ed.). The Psychopharmacology of Addiction, Oxford University Press. pp 115-140.

D. Benton (60%) and I. Nastiti (1988). The use of ultrasonic calling of mouse pups to screen for anxiolytic action. Psychopharmacology, 95, 99-102.

K. Nastiti, D. Benton and P.F. Brain (1991). The effects of compounds acting at the benzodiazepine receptor complex on the ultrasonic calling of mouse pups. Behavioural Pharmacology, 2, 121-128.

K. Nastiti, D. Benton, P.F. Brain and M. Haug (1991). The effects of 5-HT receptor ligands on ultrasonic calling in mouse pups. Neuroscience and Biobehavioral Reviews, 15, 483-487.

Blood glucose and mood

D. Benton (65%), N. Kumari and P.F. Brain (1982) Mild hypoglycaemia and questionnaire measures of aggression. Biological Psychology, 14, 129-135.

D. Benton (60%) and P.F. Brain (1983) Hypoglycaemia and aggression in a normal population. Aggressive Behavior, 9, 112-113

D. Benton (60%), V. Brett and P.F. Brain (1987) Glucose improves attention and reaction to frustration in children. Biological Psychology, 24, 95-100.

D. Benton (100%) (1988) Hypoglycemia and aggression: a review. International Journal of Neuroscience, 41, 163-168.

D. Benton (50%) and D. Owens (1993). Is high blood glucose associated with feeling relaxed? Journal of Psychosomatic Research, 37, 723-735.

D.S. Owens, I. Macdonald, D. Benton (15%), N. Sytnik, P. Tucker and S. Folkard (1996). A preliminary investigation into individual differences in the circadian variation of meal tolerance: effects of mood and hunger. Chronobiology International 13, 435-447.

D.S. Owens, P.Y. Parker and D. Benton (25%) (1997). Blood glucose and subjective energy following demanding cognitive tasks. Physiology and Behavior, 62, 471-478.

Donohoe, R.T. and Benton, D. (50%) (1999). Blood glucose control and aggressiveness in females. Personality and Individual Differences 26, 905-911.

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Blood glucose and cognition

D. Benton (100%) (1990). The impact of increasing blood glucose on psychological functioning. Biological Psychology, 30, 13-19.

D. Benton (50%) and J. Sargent (1992). Breakfast, Blood Glucose and Memory. Biological Psychology, 33, 207-210.

D. Benton (50%) and D. Owens (1993). Blood glucose and human memory. Psychopharmacology 113, 83-88.

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D. Owens and D. Benton (50%) (1994). The impact of raising blood glucose on reaction times. Neuropsychobiology, 30, 106-113.

P. Y. Parker and D. Benton (50%) (1995). Blood glucose levels selectively influence memory for word lists dichotically presented to the right ear. Neuropsychologia 33, 843-854.

D. Benton (60%), P. Y. Parker and R. T. Donohoe (1996) The supply of glucose to the brain and cognitive functioning. Journal of Biosocial Science 28, 463-479.

D. Benton (50%) and P. Y. Parker (1998). Breakfast, blood glucose and cognition. American Journal of Clinical Nutrition 67, 772S-778S.

Martin, P. Y. and Benton, D. (50%) (1999). The influence of a glucose drink a demanding working memory task. Physiology and Behavior 67, 69-74.

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Benton, D. (50%), Slater, O. & Donohoe, R. T. (2001). The influence of breakfast and a snack on memory and mood. Physiology and Behavior. 74, 559-571.

Benton, D. (30%), Ruffin M-P, Lassel T., Nabb, S, Messaoudi N., Vinoy, S, Desor D. & Lang V. (2003). The delivery rate of dietary carbohydrates affects cognitive performances in both rats and humans. Psychopharmacology 166, 86-90.

Chocolate

D. Benton (65%), K. Greenfield and M. Morgan. (1998). The development of the attitudes to chocolate questionnaire. Personality and Individual Differences 24, 513-520.

P. Willner, D. Benton (40%), E. Brown, S. Cheeta, G. Davies, J. Morgan and M. Morgan (1998). Depression increases craving for sweet rewards in animal and human models of depression and craving. Psychopharmacology 136, 272-283.

D.Benton (100%) (1999). Chocolate craving: Biological or psychological phenomenon? In: I. Knight (ed.) *Chocolate and Cocoa: Health and Nutrition*. Blackwell Science, pp 256-278.

D. Benton (100%) (2001). Psychological and pharmacological explanations of chocolate craving. In: M. Hetherington (ed.) *Food cravings and addiction*. Leatherhead Food Association, pp 265-293.

Micro-nutrient status and psychological functioning

D. Benton (100%) (1981) The influence of large doses of Vitamin C on psychological functioning. *Psychopharmacology*, 75, 98-99.

D. Benton (60%) and G. Roberts, (1988) Vitamin and mineral supplementation improves the intelligence of a sample of school children. *The Lancet*, 140-143.

D. Benton (60%) and J-P Buts (1990) Vitamin / mineral supplementation and intelligence. *Lancet*, 335, 1158-1160.

D. Benton (100%) (1991) Vitamin and mineral intake and psychological functioning. In: A. Bendich and C.E. Butterworth (Eds.) *Preventive Nutrition: The role of micronutrients in health and disease*. Marcel Dekker, Inc. pp.219-232.

D. Benton (50%) and R. Cook (1991). The impact of selenium supplementation on mood. *Biological Psychiatry* 29, 1092-98.

D. Benton (50%) and R. Cook (1991). Vitamin and mineral supplements improve the intelligence scores and attention of six year old children. *Personality and Individual Differences* 12, 1151-1991.

D. Benton (100%) (1992) Vitamin and mineral intake and human behaviour. In: A. Smith and D. Jones (Eds.), *Handbook of human performance. Vol II Health and performance* Academic Press, pp 25-47

R. Cook and D. Benton (50%) (1992). Chromium supplementation improves chronic headaches: a case study. *Journal of Nutritional Medicine* 3, 61-64.

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J. Fordy and D. Benton (50%) (1994). Does low iron status influence psychological functioning? *Journal of Human Nutrition and Dietetics* 7, 127-133.

D. Benton (50%), J. Fordy and J. Haller (1995). The impact of long-term vitamin supplementation on cognitive functioning. *Psychopharmacology* 117, 298-305.

D. Benton (50%), J. Haller and J. Fordy (1995). Vitamin supplementation for one year improves mood. Neuropsychobiology 32, 98-105.

D. Benton (50%), J. Haller and J. Fordy (1997). The vitamin status of a sample of young British adults. International Journal for Vitamin and Nutrition Research 67, 34-40.

D. Benton (50%), R. Griffiths and J. Haller (1997). Thiamine supplementation mood and cognitive functioning. Psychopharmacology 129, 66-71.

Benton, D. (50%) and Donohoe, R.T. (1999). The effects of nutrients on mood. Public Health Nutrition 2, 403-409.

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Fat and phospholipids

D. Benton (100%) (1995). Do low cholesterol levels slow mental processing? Psychosomatic Medicine 57, 50-53.

Benton, D.(50%), Donohoe, R.T., Sillance, B. & Nabb, S.L. (2001). The influence of phosphatidylserine on mood and heart rate when faced with an acute stressor. Nutritional Neuroscience, 4, 169-178.

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