

Publications list for Dr Peter Molan

Books

– Editor of book

White, R. J.; Cooper, R. A; Molan, P. C. (eds.) *Honey: A Modern Wound Management Product*. Wounds UK Publishing, Aberdeen. (2005)

Cooper, R.; Molan, P.; White, R. (eds.) *Honey in Modern Wound Management*. Wounds UK Publishing, Aberdeen. (2009)

– Book Chapters

1. Molan, P.C. (1996) "Authenticity of honey." In: Ashurst, P.R. and Dennis, M.J. (eds.) *Food Authentication*, Blackie Academic and Professional, London. Pages. 259-303.
2. Molan, P.C. (1997) "Honey as an antimicrobial agent." In: Mizrahi, A. and Lensky, Y. (eds.) *Bee Products: Properties, Applications and Apitherapy*; Plenum Press, New York. Pages 27-37.
3. Molan, P.C. (2005) "Mode of action." In: White, R. J.; Cooper, R. A; Molan, P. C. (eds.) *Honey: A Modern Wound Management Product*; Wounds UK Publishing, Aberdeen. Pages 1-23.
4. White, R. J.; Molan, P.C. (2005) "A summary of published clinical research on honey in wound management." In: White, R. J.; Cooper, R. A; Molan, P. C. (eds.) *Honey: A Modern Wound Management Product*; Wounds UK Publishing, Aberdeen. Pages 130-142.
5. Molan, P.C. (2009) "Honey: Antimicrobial actions and role in disease management." In: Ahmad, I. and Aqil, F. (eds.) *New Strategies Combating Bacterial Infection*; Wiley VCH, Weinheim. Pages 229-253.
6. Molan, P. (2009) "Why honey works." In: Cooper, R.; Molan, P.; White, R. (eds.) *Honey in Modern Wound Management*. Wounds UK Publishing, Aberdeen. Pages 7-20.
7. Molan, P.; Hill, C. (2009) "Quality standards for medical grade honey." In: Cooper, R.; Molan, P.; White, R. (eds.) *Honey in Modern Wound Management*. Wounds UK Publishing, Aberdeen. Pages 63-79.

Patents

1. Molan, P. C. (2006) PCT/NZ2005/000104 (Priority date 2004) Registered to Apimed Medical Honey Ltd.; "Wound dressing". Granted in NZ (No. 533121).
2. Caskey, P.; Yoon-Nicholls, Y.-M.; Molan, P. C.; Fjällman, A. H. M. (2005) NZ Patent No. 502158 (Priority date 1999) Registered to Apimed Medical Honey Ltd "Improvements in and relating to honey based products".
3. Molan, P. C. (2004) PCT/NZ00248 (Priority date 1999) Registered to Waikatolink Ltd.; "Improvements in and relating to the use of honey in medical dressings". Granted in Australia (No. 200119038), Europe (No. 1237561), NZ (No. 501687), Singapore (No. 2002-03362-9), South Africa (No. 2002/4615), USA (No. 6,956,144); Pending in Canada (No. 2,397,614), Japan (No. 2001/543121).
4. Caskey, P. R.; Molan, P. C. (2004) NZ Patent No. 505514 (Priority date 2000) Registered to Bee & Herbal Ltd "Improvements in and relating to the use of honey in dressings".

– Under Examination:

1. Molan, P.C. NZ 542258, PCT/NZ2006/000234. Also under examination in Europe, Gulf Cooperation Council (No. GCC/P/2006/6865), Chile (No. 2332-2006), Argentina (No. 060103874). Registered to Comvita Ltd. "A medical composition".
2. Bean, A.; Molan, P.; Cursons, R.(2012) WO 2012/087160 A2 Registered to ManukaMed Ltd. "Anti-inflammatory proteins and methods of preparation and use thereof"

– *Provisional Patents:*

1. Molan, P.C. NZ 549404. "Extraction method".
2. Molan, P.C. NZ 549857. "Chemical preparation".
3. Molan, P.C. NZ 548605. "Chemical preparation".

Journal Articles

– *Papers in refereed journals*

1. Molan, P. C. and Hartles, R. L. (1966) "The differential effect of sodium fluoride on the aerobic and anaerobic metabolism of the human oral flora". *Archives of Oral Biology* 11, 1163-1170.
2. Molan, P. C. and Hartles, R. L. (1967) "The source of glycolytic activity in human saliva." *Archives of Oral Biology* 12, 1593-1603.
3. Molan, P. C. and Hartles, R. L. (1969) "The identification of a glycolysis-enhancing factor in human parotid saliva." *Archives of Oral Biology* 14, 421-426.
4. Molan, P. C. and Hartles, R. L. (1971) "The nature of the intrinsic salivary substrates used by the human oral flora." *Archives of Oral Biology* 16, 1449-1462.
5. Molan, P. C. and Hartles, R. L. (1972) "A study of the enhancement of glycolysis in human saliva." *Archives of Oral Biology* 17 1671-1678.
6. Holbrook, I. B. and Molan, P. C. (1973) "A further study of the factors enhancing glycolysis in human saliva." *Archives of Oral Biology* 18, 1275-1282.
7. Holbrook, I. B. and Molan, P. C. (1975) "The identification of a peptide in human parotid saliva particularly active in enhancing the glycolytic activity of the salivary micro-organisms." *Biochemical Journal*. 149, 489-492.
8. Eschenbruch, R. and Molan, P. C. (1982) "Can foaming during winemaking be controlled?" *Food Technology in Australia* 34(1) 32-35.
9. Edwards, M., Eschenbruch, R., and Molan, P. C. (1982) "Foaming in winemaking, 1. A technique for the measurement of foaming in winemaking." *European Journal of Applied Microbiology and Biotechnology*. 16, 105-109.
10. Molan, P. C., Edwards, M. and Eschenbruch, R. (1982) "Foaming in winemaking, 2. Separation and partial characterisation of foam-inducing proteins." *European Journal of Applied Microbiology and Biotechnology*. 16, 110-113.
11. Baas, J., Molan, P. C. and Shannon, P. (1983) "Factors in seminal plasma of bulls that affect the viability and motility of spermatozoa." *Journal of Reproduction and Fertility*. 68, 275-280.
12. Shannon, P., Curson, B. and Molan, P.C. (1987) "Cationic peptides obtained by reversible disaggregation of antibacterial proteins of bovine seminal plasma." *New Zealand Journal of Agricultural Research* 30, 195-202.
13. Tan, S.T., Holland, P.T., Wilkins, A.L. and Molan, P.C. (1988) "Extractives from New Zealand Honeys I: White Clover, Manuka and Kanuka unifloral honeys. *Journal of Agricultural and Food Chemistry* 36, 453-460.
14. Lewis, K.J., Molan, P.C., Bass, J.J. and Gluckman, P.D. (1988) "The lipolytic activity of low concentrations of insulin-like growth factors in ovine adipose tissue." *Endocrinology* 122, 2554-2558.
15. Molan, P.C. and Russell, K.M. (1988) "Non-peroxide antibacterial activity in some New Zealand honeys." *Journal of Apicultural Research* 27, 62-67.
16. Molan, P.C., Smith, I.M. and Reid, G.M. (1988) "A comparison of the antibacterial activity of some New Zealand honeys." *Journal of Apicultural Research* 27, 252-256.
17. Tan, S.T., Wilkins, A.L., Molan, P.C., Holland, P.T. and Reid, M. (1989) "A chemical approach to the determination of the floral sources of New Zealand honeys." *Journal of Apicultural Research* 28 (4) 212-222.

18. Russell, K.M., Molan, P.C., Wilkins, A.L., and Holland, P.T. (1990) "The identification of some antibacterial constituents of New Zealand Manuka honey". *Journal of Agricultural and Food Chemistry* 38, 10-13.
19. Bass, J.J., Oldham, J.M., Hodgkinson, S.C., Fowke, P.J., Sauerwine, H., Molan, P.C., Breier, B.H. and Gluckman, P.D. (1991) "Influence of nutrition and bovine growth hormone (GH) on hepatic GH binding of insulin-like growth factor-I and growth of lambs." *Journal of Endocrinology* 128 (2) 181-186.
20. Allen, K.L., Molan, P.C. and Reid, G.M. (1991) "A survey of the antibacterial activity of some New Zealand honeys." *Journal of Pharmacy and Pharmacology* 43 (12) 817-822
21. Martinus, R.D., Molan, P.C. and Shannon, P. (1991) "Deleterious effect of seminal plasma in the cryo-preservation of bovine spermatozoa." *New Zealand Journal of Agricultural Research* 34 (3) 283-287.
22. Allen, K.L., Molan, P.C. and Reid, G.M. (1991) "The variability of the antibacterial activity of honey." *Apiacta* 26 (4) 114-121.
23. Dick, K.J., Molan, P.C. and Eschenbruch, R. (1991) "The isolation from *Saccharomyces cerevisiae* of two cationic proteins that inhibit malolactic bacteria." *Vitis* 31 105-116.
24. Hameed, I., Molan, P.C. and Shannon, P. (1991) "The nature of the large antibacterial proteins in bovine seminal plasma formed by reversible aggregation." *New Zealand Journal of Agricultural Research* 34 467-470.
25. Molan, P.C. (1992) "The antibacterial activity of honey. 1. The nature of the antibacterial activity." *Bee World* 73 (1) 5-28.
26. Molan, P.C. (1992) "The antibacterial activity of honey. 2. Variation in the potency of the antibacterial activity." *Bee World* 73 (2) 59-76.
27. Willix, D.J., Molan, P.C. and Harfoot, C.J. (1992) "A comparison of the sensitivity of wound-infecting species of bacteria to the antibacterial activity of manuka honey and other honey." *Journal of Applied Bacteriology* 73 388-394.
28. Oldham, J.M., Hodges, A.K., Schaare, P.N., Molan, P.C. and Bass, J.J. (1993) "Nutritional dependence of insulin-like growth factor (IGF) receptors in skeletal muscle; measurement by light microscopic autoradiography". *Journal of Histochemistry and Cytochemistry* 41 (3) 415-421.
29. Hua K.M., Ord, R., Kirk, S., Li, Q.J., Hodgkinson, S.C., Spencer, G.S.G., Molan, P.C. and Bass, J.J. (1993) "Regulation of plasma and tissue levels of insulin-like growth factor-I by nutrition and treatment with growth hormone in sheep." *Journal of Endocrinology* 136 (1) 217-224.
30. Elliott, J.L., Oldham, J.M., Ambler, G.R., Molan, P.C., Spencer, G.S.G., Hodgkinson, S.C., Breier, B.H., Gluckman, P.D., Suttie, J.M. and Bass, J.J. (1993) "Receptors for insulin-like growth factor-II in the growing tip of the deer antler." *Journal of Endocrinology* 138 (2) 233-241.
31. Wilkins, A. L.; Lu, Y.; Molan, P. C. (1993) "Extractable organic substances from New Zealand unifloral manuka (*Leptospermum scoparium*) honeys." *Journal of Apicultural Research* 32(1): 3-9.
32. Al Somai, N., Coley, K.E., Molan, P.C. and Hancock, B.M. (1994) "Susceptibility of *Helicobacter pylori* to the antibacterial activity of manuka honey." *Journal of the Royal Society of Medicine* 87 (1) 9-12.
33. Al Somai, N., Vishwanath, R., Shannon, P. and Molan, P.C. (1994) "Low molecular weight components in bovine semen diffusate and their effects on motility of bull sperm." *Reproduction Fertility and Development* 6 (1) 165-171.
34. Al Somai, N., Vishwanath, R., Shannon, P. and Molan, P.C. (1994) "Anionic and cationic components from protein aggregates in seminal plasma and their effects on sperm motility." *Molecular Reproduction and Development* 39 (3) 328-336.
35. Briggs, L. R., Towers, N.R. and Molan, P.C. (1994) "Development of an enzyme-linked immunosorbent assay for the analysis of Sporidesmin A and its metabolites in ovine urine and bile." *Journal of Agricultural and Food Chemistry* 42 (12) 2769-2777.
36. Wilkins, A.L., Tan, S.T. and Molan, P.C. (1995) "Extractives from New Zealand unifloral vipers bugloss (*Echium vulgare*) honey." *Journal of Apicultural Research* 34 (2) 73-78.

37. Molan, P.C. and Allen, K.L. (1996) "The effect of gamma-irradiation on the antibacterial activity of honey." *Journal of Pharmacy and Pharmacology* 48, 1206-1209.
38. Elliott, J.L., Oldham, J.M., Asher, G.W., Molan, P.C, and Bass, J.J. (1996) "Effect of testosterone on binding of insulin-like growth factor-I (IGF-I) and IGF-II in growing antlers of fallow deer (*Dama dama*)." *Growth Regulation* 6 (4) 214-221.
39. Brady, N.F., Molan, P.C. and Harfoot, C.G. (1997) "The sensitivity of dermatophytes to the antimicrobial activity of manuka honey and other honey." *Pharmaceutical Sciences* 2, 1-3.
40. Allen, K.L. and Molan, P.C. (1997) "The sensitivity of mastitis-causing bacteria to the antibacterial activity of honey." *New Zealand Journal of Agricultural Research* 40., 537-540.
41. Wood, B., Rademaker, M. and Molan, P.C. (1997) "Manuka honey, a low cost leg ulcer dressing." *New Zealand Medical Journal* 110 107.
42. Molan, P.C. (1998) "The limitations of the methods of identifying the floral source of honeys." *Bee World* 79 (2) 59-68.
43. Molan, P.C. (1998) "A brief review of the use of honey as a clinical dressing." *Primary Intention (The Australian Journal of Wound Management)* 6 (4) 148-158.
44. Cooper, R. A. and Molan, P.C. (1999) "The use of honey as an antiseptic in managing *Pseudomonas* infection." *Journal of Wound Care* 8 (4) 161-164.
45. Cooper, R. A., Molan, P.C. and Harding, K. G. (1999) "Antibacterial activity of honey against strains of *Staphylococcus aureus* from infected wounds ." *Journal of the Royal Society of Medicine* 92 283-285
46. Molan, P.C. (1999) "The role of honey in the management of wounds." *Journal of Wound Care* 8 (8) 423-426
47. Molan, P.C. (1999) "Why honey is effective as a medicine. 1. Its use in modern medicine." *Bee World* 80 (2) 80- 92.
48. Krzyzosiak, J.; Molan, P.; Vishwanath, R. (2000) Measurements of bovine sperm velocities under true anaerobic and aerobic conditions. *Animal Reproduction Science* 55 163-173.
49. Krzyzosiak, J.; McMillan, G; Molan, P.; Vishwanath, R. (2000) "Protein tyrosine phosphorylation during prolonged *in vitro* incubation of ejaculated bovine spermatozoa is regulated by the oxidative state of the medium." *Biology of Reproduction* 62 (6):1615-1623.
50. Dunford, C.; Cooper, R.A; Molan, P.C. (2000) "Using honey as a dressing for infected skin lesions." *Nursing Times NTPLUS* 96 (14) 7-9.
51. Molan, P. C. (2000) "Selection of honey for use as a wound dressing." *Primary Intention (The Australian Journal of Wound Management)* 8 (3) 87-92.
52. Molan, P.C.; Betts, J. A. (2000) "Using honey as a wound dressing: some practical considerations." *Nursing Times* 96 (49) 36-37.
53. Dunford, C.; Cooper, R. A; White, R. J.; Molan, P. C. (2000) "The use of honey in wound management" *Nursing Standard* 15 (11) 63-68.
54. Prosser CG. Turner SA. McLaren RD. Langley B. L'Huillier PJ. Molan P. Auldish MJ. (2000) "Milk whey protein concentration and mRNA associated with beta-lactoglobulin phenotype." *Journal of Dairy Research* 67(2):287-293.
55. Krzyzosiak, J.; Evenson, D.; Pitt, C. Jost, L.; Molan, P.; Vishwanath, R. (2000) "Changes in susceptibility of bovine sperm to *in situ* DNA denaturation during prolonged storage at ambient temperature under conditions of exposure to reactive oxygen species and nuclease inhibitor." *Reproduction, Fertility and Development* 12(5-6):251-261.
56. Molan, P.C. (2001) "Potential of honey for the treatment of wounds and burns." *American Journal of Clinical Dermatology* 2 (1) 13-19. [Re-printed, with some changes, also as: "Honey for the treatment of wounds and burns." *New Ethicals* 4 (7) 13-23; and as "Treatment of wounds and burns with honey." *Current Therapeutics* 42 (9) 33-39.]
57. Molan, P.C. (2001) "Why honey is effective as a medicine. 2. The scientific explanation of its effects." *Bee World* 82 (1): 22-40.

58. Tonks, A.; Cooper, R. A.; Price, A. J.; Molan, P. C.; Jones, K. P. (2001) "Stimulation of TNF- α release in monocytes by honey." *Cytokine* 14 (4) 240-242.
59. Krzyzosiak, J.; Molan, P.; McGowan, L.; Vishwanath, R. (2001) "Effect of sperm number and oxygenation state of the storage media on in vitro fertility of bovine sperm stored at ambient temperature" *Theriogenology* 55 1401-1415.
60. Cooper, R. A.; Molan, P. C.; Krishnamoorthy, L.; Harding, K. G. (2001) "The use of honey in healing a recalcitrant wound following surgical treatment of hidradenitis suppurativa." *European Journal of Clinical Microbiology and Infectious Diseases* 20: 758-759
61. Molan, P. C. (2001) "Honey as a topical antibacterial agent for treatment of infected wounds" *World Wide Wounds* <http://www.worldwidewounds.com/2001/november/Molan/honey-as-topical-agent.html>
62. Molan, P. C. (2001) "The potential of honey to promote oral wellness." *General Dentistry* 49 (6): 584-589
63. Molan, P. C. (2002) "Re-introducing honey in the management of wounds and ulcers – theory and practice." *Ostomy/Wound Management* 48 (11) 28-40.
64. Nicholas, G. D.; Auld, M. J.; Molan, P. C.; Stelwagen, K.; Prosser, C. G. (2002) "Effects of stage of lactation and time of year on plasmin-derived proteolytic activity in bovine milk in New Zealand." *Journal of Dairy Research* 69: 533-540.
65. Cooper, R. A.; Halas, E.; Molan, P. C. (2002) "The efficacy of honey in inhibiting strains of *Pseudomonas aeruginosa* from infected burns." *Journal of Burn Care and Rehabilitation* 23 (6): 366-370.
66. Cooper, R. A.; Halas, E.; Davies, R.; Molan, P. C.; Harding, K. G. (2002) "Honey and gram positive cocci of clinical significance in wounds" *Journal of Applied Microbiology* 93: 857-863.
67. Bang, L. M.; Bunting, C.; Molan, P. C. (2003) "The effect of dilution on the rate of hydrogen peroxide production in honey and its implications for wound healing." *Journal of Alternative and Complementary Medicine* 9 (2): 267-73.
68. English, H. K. P.; Pack, A. R. C.; Molan, P. C. (2004) "The effects of manuka honey on plaque and gingivitis: A pilot study." *Journal of the International Academy of Periodontology* 6 (2): 63-7.
69. Molan, P. C.; Betts, J. A. (2004) "Clinical usage of honey as a wound dressing: an update." *Journal of Wound Care* 13 (8): 353-6.
70. Brady, N., Molan, P., Bang, L. (2004) A survey of non-Manuka New Zealand honeys for antibacterial and antifungal activities. *Journal of Apicultural Research* 43 (2): 47-52.
71. Stephens, J. M. C.; Molan, P. C.; Clarkson, B. D. (2005) "A review of *Leptospermum scoparium* (Myrtaceae) in New Zealand." *New Zealand Journal of Botany* 43: 431-449.
72. French, V. M.; Cooper, R. A. Molan, P. C. (2005) "The antibacterial activity of honey against coagulase-negative staphylococci." *Journal of Antimicrobial Chemotherapy* 56: 228-231.
73. Molan, P. C. (2006) "The evidence supporting the use of honey as a wound dressing." *International Journal of Lower Extremity Wounds* 5 (1): 40-54.
74. Hodgkinson, A. J.; Carpenter, E. A.; Smith, C. S.; Molan, P. C.; Prosser, C. G. (2007) "Adhesion molecule expression in the bovine mammary gland." *Veterinary Immunology and Immunopathology* 115 (3-4): 205-215.
75. Simon, A.; Traynor, K.; Santos, K.; Blaser, G.; Bode, U.; Molan, P. (2009) "Medical honey for wound care—Still the 'latest resort'?" *Evidence-Based Alternative and Complementary Medicine* 6 (2) 165-173.
76. Jull, A.; Walker, N.; Parag, V.; Molan, P.; Rodgers, A. (2008) "Honey as adjuvant leg ulcer therapy (HALT) trial: A randomised controlled trial of honey-impregnated dressings for venous leg ulcers." *British Journal of Surgery* 95 (2): 175-82.
77. Molan, P. C.; Betts, J. A. (2008) "Using honey to heal diabetic foot ulcers." *Advances in Skin and Wound Care* 21 (7): 313-316.

78. Jull, A.; Walker, N.; Parag, V.; Molan, P.; Rodgers, A. (2008) "Usual care versus guideline recommendations for venous ulcer management in New Zealand" *New Zealand Medical Journal* 122: 9-18.
79. Adams, C.J.; Manley-Harris, M.; Molan, P.C. (2009) "The origin of methylglyoxal in New Zealand manuka (*Leptospermum scoparium*) honey." *Carbohydrate Research* 344: 1050-1053.
80. Hodgkinson, A. J.; Carpenter, E. A.; Smith C. S.; Molan, P. C.; Prosser, C. G. (2009) "Effects on adhesion molecule expression and lymphocytes in the bovine mammary gland following intra-mammary immunisation." *Veterinary Immunology and Immunopathology* 131: 110–116.
81. Chepulis, L. M.; Starkey, N. J.; Waas, J. R.; Molan, P. C. (2009) "The effects of long-term honey, sucrose or sugar-free diets on memory and anxiety in rats." *Physiology & Behavior* 97: 359–368.
82. Saraf, R.; Bowry, V.; Rao, D.; Saraf, P.; Molan, P. (2009) "The antimicrobial efficacy of Fijian honeys against clinical isolates from diabetic foot ulcers." *Journal of ApiProduct and ApiMedical Science* 1 (3): 64-71.
83. Lin, S. M.; Molan, P. C.; Cursons, R. T. (2009). The in vitro susceptibility of *Campylobacter* spp. to the antibacterial effect of manuka honey. *European Journal of Clinical Microbiology & Infectious Diseases*, 28 (4), 339-344.
84. Han, S.; Yeo, J.; Baek, H.; Lin, S.; Meyer, S.; Molan, P. (2009) "Postantibiotic effect of purified melittin from honeybee (*Apis mellifera*) venom against *Escherichia coli* and *Staphylococcus aureus*." *Journal of Asian Natural Products Research* 11 (9), 796-804.
85. Molan, P. C. (2009) "Debridement of wounds with honey." *Journal of Wound Technology* 5: 12-17.
86. Lin, S. M.; Molan, P. C.; Cursons, R. T. (2010). "The post-antibiotic effect of manuka honey on gastrointestinal pathogens." *International Journal of Antimicrobial Agents* 36 (5), 467-468.
87. Lin, S. M.; Molan, P. C.; Cursons, R. T. (2010) "The controlled *in vitro* susceptibility of gastrointestinal pathogens to the antibacterial effect of manuka honey." *European Journal of Clinical Microbiology & Infectious Diseases* 30 (4), 569-574.
88. Brangoulo, H. L.; Molan, P. C. (2011) Assay of the antioxidant capacity of foods using an iron(II)-catalysed lipid peroxidation model for greater nutritional relevance. *Food Chemistry* 125, 1126–1130.
89. Cooper, R. A.; Lindsay, E.; Molan, P. C. (2011). "Testing the susceptibility to manuka honey of streptococci isolated from wound swabs." *Journal of ApiProduct and ApiMedical Science* 3 (3), 117-122.
90. Molan, P. C. (2011) "The evidence and the rationale for the use of honey as a wound dressing." *Wound Practice and Research (Journal of the Australian Wound Management Association)* 19 (4) 204-220.
91. Naidoo, N., Molan, P., Littler, R., Mok, G., Jameson, M., Round, G. (2011) "A phase II randomized controlled trial of Manuka honey as prophylaxis against radiation-induced dermatitis in breast cancer patients." *European Journal of Cancer* 47 (Suppl. 1) S367.

– *Papers submitted for publication:*

Bean, A.; Cursons, R. T.; Molan, P. C. "Anti-inflammatory activity of honey found to work through inhibition of phagocytosis."

Harcourt, N. R.; Molan, P. C. "Honey increases plasmin activity by suppressing production of PAI-1 by inflamed macrophages."

– *Papers in non-refereed journals*

1. Molan, P.C. (1995) "The antibacterial properties of honey". *Chemistry in New Zealand* **59** (4) 10-14.
2. Molan, P. C. (1999) "The unique properties of manuka honey" *Bee Informed (The Journal of the American Apitherapy Society)* **6** (1) 5-6.
3. Molan, P. C. (1999) "The use of honey for dressing animals' wounds" *New Zealand Holistic Veterinarians Society Newsletter*
4. Molan, P. C. (2000) "Establishing honey as a recognized medicine" *Bee Informed (The Journal of the American Apitherapy Society)* **7** (1) 7-9.
5. Molan, P. C. (2000) "Using honey on wounds" *Nurse to Nurse* **1** (7) 24-25.
6. Molan, P. C.; Betts, J. A. (2001) "Dressing wounds with honey." *NZ Nursing Review* March issue 19-20.
7. Betts, J. A.; Molan, P. C. (2001) "Honey as a wound dressing." *Tissue Issue (NZ Woundcare Society)* **6** (4) 3-4.
8. Molan, P. C. (2002) "Not all honeys are the same for wound healing." *European Tissue Repair Society Bulletin* **9** (1) 5-6.
9. Molan, P. C. (2002) "Revival of honey as a medicine." *Honeybee Science* **23** (4) 153-160
10. Molan, P. C. (2005) "Manuka honey as a medicine." *Public Service Review* issue 5, pp 52-54.
11. Molan, P. C. (2006) "Using honey in wound care." *International Journal of Clinical Aromatherapy* **3** (2) 21-24.
12. Molan, P. C. (2013) "The use of manuka honey to promote wound healing." *L.O.G.I.C. - The Official Journal Of The New Zealand College of Primary Health Care Nurses, NZNO, Vol 12, No. 1, pp 23-25.*

– *Letters to refereed journals*

1. Cooper, R. A. and Molan, P.C. (1999) "Honey in wound care" *Journal of Wound Care* **8** (7) 340.
2. Molan, P.C. (2000) "The unique properties of manuka honey." *Advances in Wound Care*
<http://www.woundcarenet.com/industry/manukaletter.htm>
3. Molan, P.C; Cooper, R. A. (2000) "Honey and sugar as a dressing for wounds and ulcers" *Tropical Doctor* **30** 249-250.

Conference Proceedings

– *Full Written Papers*

1. Shannon, P., Curson, B., Twomey, A. and Molan P. C. (1975) "Antibacterial activity of seminal plasma and other tissues." *Proceedings of the New Zealand Society for Animal Production* **35**, 61-64.
2. Lewis, K.J., Molan, P.C. and Bass, J.J. (1987) "An assessment of the rate of fat accumulation in ruminant adipose tissue." *Proceedings of the New Zealand Society for Animal Production* **47**, 77-79.
3. Molan, P.C. (2001) "Manuka honey as a medicine" – Proceedings of the Global Bioactives Summit, Hamilton, NZ. Issued on CD-ROM jointly by the New Zealand Dairy Group, Celentis and Agresearch: Hamilton, New Zealand.

– Abstracts of Papers

1. Molan, P. C. and Hartles, R. L. (1969) "Substances in saliva used by the microflora" - presented to the 17th Meeting of the British Division of the International Association for Dental Research. Abstract published in *Journal of Dental Research* 48, 1106-1107.
2. Molan, P. C. (1970) "Observations on the enhancement of glycolysis in saliva" - presented to the 18th Meeting of the British Division of the International Association for Dental Research. Abstract published in *Journal of Dental Research* 50, 670.
3. Molan, P. C. and Holbrook, I. B. (1971) "Glycolysis-enhancing factor of high molecular weight in saliva" - presented to the 19th Meeting of the British Division of the International Association for Dental Research. Abstract published in *Journal of Dental Research* 50, 1211.
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59. Molan P C. (2007) "Using honey on wounds and burns" - a paper presented by invitation at the New Zealand Medical Association GPCME 10th annual conference, Rotorua, 15-17 June 2007
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13. Molan, P. C. (2000) "The value of research" *New Zealand Beekeeper* 7 (10) 19-21
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