Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Bibliography of antimicrobial activity of honey

Maddocks S. E., Lopez M. S., Rowlands R. S. & Cooper R. A. (2012) Manuka honey inhibits the development of *Streptococcus pyogenes* biofilms and causes reduced expression of two fibronectin binding proteins. *Microbiology* **158**:781-90.

Majtan J., Majtanova L., Bohova J. & Majtan V. (2011) Honeydew honey as a potent antibacterial agent in eradication of multi-drug resistant *Stenotrophomonas maltophilia* isolates from cancer patients. *Phytotherapy Research* **25**(4):584-7.

Lin S. M., Molan P. C. & Cursons R. T. (2011) The controlled *in vitro* susceptibility of gastrointestinal pathogens to the antibacterial effect of manuka honey. *European Journal of Clinical Microbiology & Infectious Diseases* **30**:569-74.

Kilty S. J., Duval M., Chan F. T., Ferris W. *et al.* (2011) Methylglyoxal: (active agent of manuka honey) in vitro activity against bacterial biofilms. *International Forum of Allergy & Rhinology* **1**(5):348-50.

Jervis-Bardy J., Foreman A., Bray S., Tan L. *et al.* (2011) Methylglyoxal-infused honey mimics the anti-*Staphylococcus aureus* biofilm activity of manuka honey: potential implication in chronic rhinosinusitis. *Laryngoscope* **121**(5):1104-7.

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 - 22.

Badet C. & Quero F. (2011) The in vitro effect of manuka honeys on growth and adherence of oral bacteria. *Anaerobe* **17**(1):19-22.

Henriques A. F., Jenkins R. E., Burton N. F. & Cooper R. A. (2010) The intracellular effects of manuka honey on Staphylococcus aureus. *European Journal of Clinical Microbiology & Infectious Diseases* **29**(1):45-50.

Glasser J. S., Guymon C. H., Mende K., Wolf S. E. *et al.* (2010) Activity of topical antimicrobial agents against multidrug-resistant bacteria recovered from burn patients. *Burns* **36**(8):1172-84.

Cooper R. A., Jenkins L., Henriques A. F. M., Duggan R. S. *et al.* (2010) Absence of bacterial resistance to medical-grade manuka honey. *European Journal of Clinical Microbiology & Infectious Diseases* **29**(10):1237-41.

Tan H. T., Rahman R. A., Gan S. H., Halim A. S. *et al.* (2009) The antibacterial properties of Malaysian tualang honey against wound and enteric microorganisms in comparison to manuka honey. *BMC Complementary and Alternative Medicine*:**9**:34.

Okhiria O. A., Henriques A., Burton N. F., Peters A. *et al.* (2009) Honey modulates biofilms of *Pseudomonas aeruginosa* in a time and dose dependent manner. *Journal of ApiProduct and ApiMedical Science* **1**(1):6-10.

Molan P. C. Honey: Antimicrobial actions and role in disease management. In: Ahmad I & Aqil F (Eds). New Strategies Combating Bacterial Infection. Weinheim: Wiley VCH 2009:229-53.

Merckoll P., Jonassen T. Ø., Vad M. E., Jeansson S. L. *et al.* (2009) Bacteria, biofilm and honey: A study of the effects of honey on 'planktonic' and biofilm-embedded chronic wound bacteria. *Scandinavian Journal of Infectious Diseases* **41**(5):341-7.

Cooper R. A. & Jenkins L. (2009) A comparison between medical grade honey and table honeys in relation to antimicrobial efficacy. *Wounds* **21**(2):29-36.

Atrott J. & Henle T. (2009) Methylglyoxal in manuka honey - Correlation with antibacterial properties. *Czech Journal of Food Sciences* **27**(Special Issue):S163-S5.

Al-Naama R. T. (2009) Evaluation of in-vitro inhibitory effect of honey on some microbial isolate. *Journal of Bacteriology Research* **1**(6):64-7.

Alandejani T., Marsan J., Ferris W., Slinger R. *et al.* (2009) Effectiveness of honey on *Staphylococcus aureus* and *Pseudomonas aeruginosa* biofilms. *Otolaryngology–Head and Neck Surgery* **141**(1):114-8.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Adams C. J., Manley-Harris M. & Molan P. C. (2009) The origin of methylglyoxal in New Zealand manuka (*Leptospermum scoparium*) honey. *Carbohydrate Research* **344**(8):1050-3.

Adams C. J., Boult C. H., Deadman B. J., Farr J. M. *et al.* (2009) Corrigendum to "Isolation by HPLC and characterization of the bioactive fraction of New Zealand manuka (*Leptospermum scoparium*) honey" [Carbohydr. Res. 343 (2008) 651]. *Carbohydrate Research* **344**(18):2609-.

Mavric E., Wittmann S., Barth G. & Henle T. (2008) Identification and quantification of methylglyoxal as the dominant antibacterial constituent of Manuka (Leptospermum scoparium) honeys from New Zealand. *Molecular Nutrition and Food Research* **52**(4):483-9.

Maeda Y., Loughrey A., Earle J. A., Millar B. C. *et al.* (2008) Antibacterial activity of honey against community-associated methicillin-resistant Staphylococcus aureus (CA-MRSA). *Complementary Therapies in Clinical Practice* **2**(1):77-82.

Kwakman P. H., Van den Akker J. P., Güçlü A., Aslami H. *et al.* (2008) Medical-grade honey kills antibiotic-resistant bacteria in vitro and eradicates skin colonization. *Clinical Infectious Diseases* **46**(11):1677-82.

Adams C. J., Boult C. H., Deadman B. J., Farr J. M. *et al.* (2008) Isolation by HPLC and characterisation of the bioactive fraction of New Zealand manuka (*Leptospermum scoparium*) honey. *Carbohydrate Research* **343**(4):651-9.

Temaru E., Shimura S., Amano K. & Karasawa T. (2007) Antibacterial activity of honey from stingless honeybees (Hymenoptera; Apidae; Meliponinae). *Polish Journal of Microbiology* **56**(4):281-5.

Mullai V. & Menon T. (2007) Bactericidal activity of different types of honey against clinical and environmental isolates of *Pseudomonas aeruginosa*. *Journal of Alternative and Complementary Medicine* **13**(4):439-42.

Mphande A. N. G., Killowe C., Phalira S., Wynn Jones H. *et al.* (2007) Effects of honey and sugar dressings on wound healing. *Journal of Wound Care* **16**(7):317-9.

Mercan N., Guvensen A., Celik A. & Katircioglu H. (2007) Antimicrobial activity and pollen composition of honey samples collected from different provinces in Turkey. *Natural Product Research* **21**(3):187-95.

Lerrer B., Zinger-Yosovich K. D., Avrahami B. & Gilboa-Garber N. (2007) Honey and royal jelly, like human milk, abrogate lectin-dependent infection-preceding Pseudomonas aeruginosa adhesion. *ISME Journal* **1**(2):149-55.

Kücük M., Kolayli S., Karaoğlu S., Ulusoy E. *et al.* (2007) Biological activities and chemical composition of three honeys of different types from Anatolia. *Food Chemistry* **100**(2):526-34.

Krushna N. S. A., Kowsalya A., Radha S. & Narayanan R. B. (2007) Honey as a natural preservative of milk. *Indian Journal of Experimental Biology* **45**:459-64.

George N. M. & Cutting K. F. (2007) Antibacterial honey (Medihoney Ô): in-vitro activity against clincal isolates of MRSA, VRE and other multiresistant gram negative organisms including Pseudomonas aeruginosa. *Wounds* **19**(9):231-6.

Blaser G., Santos K., Bode U., Vetter H. *et al.* (2007) Effect of medical honey on wounds colonised or infected with MRSA. *Journal of Wound Care* **16**(8):325-8.

Basualdo C., Sgroy V., Finola M. S. & Marioli J. M. (2007) Comparison of the antibacterial activity of honey from different provenance against bacteria usually isolated from skin wounds. *Veterinary Microbiology* **124**(3-4):375-81.

Nagai T., Inoue R., Kanamori N., Suzuki N. *et al.* (2006) Characterization of honey from different floral sources. Its functional properties and effects of honey species on storage of meat. *Food Chemistry* **97**(2):256-62.

Irish J., Carter D. A., Shokohi T. & Blair S. E. (2006) Honey has an antifungal effect against Candida species. *Medical Mycology* **44**(3):289-91.

Ezz El-Arab A. M., Girgis S. M., Hegazy E. M. & Abd El-Khalek A. B. (2006) Effect of dietary honey on intestinal microflora and toxicity of mycotoxins in mice. *BMC Complementary and Alternative Medicine* **6**:6.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Brudzynski K. (2006) Effect of hydrogen peroxide on antibacterial activities of Canadian honeys. *Canadian Journal of Microbiology* **52**(12):1228-37.

Agbaje E. O., Ogunsanya T. & Aiwerioba O. I. R. (2006) Conventional use of honey as antibacterial agent *Annals of African Medicine* **5**(2):78-81.

Wilkinson J. M. & Cavanagh H. M. A. (2005) Antibacterial activity of 13 honeys against *Escherichia coli* and *Pseudomonas aeruginosa*. *Journal of Medicinal Food* **8**(1):100-3.

Shin H. S. & Ustunol Z. (2005) Carbohydrate composition of honey from different floral sources and their influence on growth of selected intestinal bacteria: An in vitro comparison. *Food Research International* **38**(6):721-8.

Patton T., Barrett J., Brennan J. & Moran N. (2005) Use of a spectrophotometric bioassay for determination of microbial sensitivity to manuka honey. *Journal of Microbiological Methods*.

Lusby P. E., Coombes A. L. & Wilkinson J. M. (2005) Bactericidal activity of different honeys against pathogenic bacteria. *Archives of Medical Research* **36**(5):464-7.

Henriques A., Burton N. F. & Cooper R. A. (2005) Antibacterial activity of selected Portugese honeys. *Journal of Apicultural Research* **44**(3):119-23.

French V. M., Cooper R. A. & Molan P. C. (2005) The antibacterial activity of honey against coagulase-negative staphylococci. *Journal of Antimicrobial Chemotherapy* **56**(1):228-31.

Estrada H., Gamboa Mdel M., Arias M. L. & Chaves C. (2005) [Evaluation of the antimicrobial action of honey against *Staphylococcus aureus*, *Staphylococcus epidermidis*, *Pseudomonas aeruginosa*, *Escherichia coli, Salmonella enteritidis, Listeria monocytogenes and Aspergillus niger*. Evaluation of its microbiological charge]. *Archivos Latinoamericanos de Nutrición* **55**(2):167-71.

Alnaqdy A., Al-Jabri A., Al Mahrooqi Z., Nzeako B. *et al.* (2005) Inhibition effect of honey on the adherence of *Salmonella* to intestinal epithelial cells *in vitro*. *International Journal of Food Microbiology* **103**(3):347-51.

Al-Jabri A. A., Al-Hosni S. A., Nzeako B. C., Al-Mahrooqi Z. H. *et al.* (2005) Antibacterial activity of Omani honey alone and in combination with gentamicin. *Saudi Medical Journal* **26**(5):767-71.

Al-Jabri A. A., Al Hosni S. A., Nzeako B. & Nsanze H. (2005) Antistaphylococcal activity of Omani honey in combination with bovine milk. *British Journal of Biomedical Science* **62**(2):92-3.

Al-Hindi R. R. (2005) Inhibitory activity of honey and honey pastes against selected foodborne pathogens. *Arab University Journal of Agricultural Science* **13**.

Adebolu T. T. (2005) Effect of natural honey on local isolates of diarrhea-causing bacteria in southwestern Nigeria. *African Journal of Biotechnology* **4**(10):1172-4.

Mundo M. A., Padilla-Zakour O. I. & Worobo R. W. (2004) Growth inhibition of foodborne pathogens and food spoilage organisms by select raw honeys. *International Journal of Food Microbiology* **97**(1):1-8.

Mulu A., Tessema B. & Derbie F. (2004) In vitro assessment of the antimicrobial potential of honey on common human pathogens. *Ethiopian Journal of Health Development* **18**(2):107-11.

Mothershaw A. S. & Jaffer T. (2004) Antimicrobial activity of foods with different physio-chemical characteristics. *International Journal of Food Properties* **7**(3):629-38.

DeMera J. H. & Angert E. R. (2004) Comparison of the antimicrobial activity of honey produced by *Tetragonisca angustula* (Meliponinae) and *Apis mellifera* from different phytogeographic regions of Costa Rica. *Apidologie* **35**(4):411-7.

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.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Badawy O. F. H., Shafii S. S. A., Tharwat E. E. & Kamal A. M. (2004) Antibacterial activity of bee honey and its therapeutic usefulness against *Escherichia coli* O157 : H7 and *Salmonella typhimurium* infection. *Revue Scientifique et Technique - Office International des Epizooties* **23**(3):1011-22.

Al-Waili N. S. (2004) Investigating the antimicrobial activity of natural honey and its effects on the pathogenic bacterial infections of surgical wounds and conjunctiva. *Journal of Medicinal Food* **7**(2):210-22.

Subrahmanyam M., Hemmady A. R. & Pawar S. G. (2003) Mutlidrug-resistant *Staphylococcus aureus* isolated from infected burns sensitive to honey. *Annals of Burns and Fire Disasters* **16**(4):192-4.

Subrahmanyam M., Hemmady A. R. & Pawar S. G. (2003) The sensitivity to honey of mutlidrug-resistant Pseudomonas aeruginosa from infected burns. *Annals of Burns and Fire Disasters* **16**(2):84-7.

Snow M. J. & Manley-Harris M. (2003) On the nature of non-peroxide antibacterial activity in New Zealand manuka honey. *Food Chemistry* **84**:145-7.

Miorin P. L., Levy N. C. J., Custodio A. R., Bretz W. A. *et al.* (2003) Antibacterial activity of honey and propolis from *Apis mellifera* and *Tetragonisca angustula* against *Staphylococcus aureus*. *Journal of Applied Microbiology* **95**:913-20.

Asadi-Pooya A. A., Pnjehshahin M. R. & Beheshti S. (2003) The antimycobacterial effect of honey: an *in vitro* study. *Rivista di Biologia/Biology Forum* **96**(3):491-5.

Al-Jabri A. A., Nzeako B., Al Mahrooqi Z., Al Naqdy A. *et al.* (2003) *In vitro* antibacterial activity of Omani and African honey. *British Journal of Biomedical Science* **60**(1):1-4.

Adeleye I. A. & Opiah L. (2003) Antimicrobial activity of extracts of local cough mixtures on upper respiratory tract bacterial pathogens. *West Indian Medical Journal* **52**(3):188-90.

Shamala T. R., Jyothi Y. P. S. & Saibaba P. (2002) Antibacterial effect of honey on the *in vitro* and *in vivo* growth of *Escherichia coli*. *World Journal of Microbiology & Biotechnology* **18**:863-5.

Kajiwara S., Gandhi H. & Ustunol Z. (2002) Effect of honey on the growth of and acid production by human intestinal *Bifidobacterium* spp.: an *in vitro* comparison with commercial oligosaccharides and inulin. *Journal of Food Protection* **65**(1):214-8.

Cooper R. A., Molan P. C. & Harding K. G. (2002) The sensitivity to honey of Gram-positive cocci of clinical significance isolated from wounds. *Journal of Applied Microbiology* **93**:857-63.

Zaghloul A. A., El-Shattawy H. H., Kassem A. A., Ibrahim E. A. *et al.* (2001) Honey, a prospective antibiotic: extraction, formulation, and stability. *Die Pharmazie* **56**(8):643-7.

Theunissen F., Grobler S. & Gedalia I. (2001) The antifungal action of three South African honeys on *Candida albicans*. *Apidologie* **32**(4):285-396.

Taormina P. J., Niemira B. A. & Beuchat L. R. (2001) Inhibitory activity of honey against foodborne pathogens as influenced by the presence of hydrogen peroxide and level of antioxidant powder. *International Journal of Food Microbiology* **69**(3):217-25.

Subrahmanyam M., Archan H. & Pawar S. G. (2001) Antibacterial activity of honey on bacteria isolated from wounds. *Annals of Burns and Fire Disasters* **XIV**(1):22-3.

Ibrahim Khalil M., Abdul Motallib M., Anisuzzaman A. S. M., Sathi Z. S. *et al.* (2001) Antibacterial activities of different brands of unifloral honey available at the Northern Region of Bangladesh. *The Sciences* **1**(6):389-92.

Hegazi A. G., Moharram N. Z., Abd Allah F., Nour M. S. *et al.* (2001) Antibacterial activity of different Egyptian honeys in relation to some bee products. *Mellifera* **1**(2):40-5.

Ceyhan N. & Ugar A. (2001) Investigation of *in vitro* antimicrobial activity of honey. *Rivista di Biologia/Biology Forum* **94**:363-72.

Weston R. J., Brocklebank L. K. & Lu Y. R. (2000) Identification and quantitative levels of antibacterial components of some New Zealand honeys. *Food Chemistry* **70**(4):427-35.

© Peter Molan 2012

Weston R. J. (2000) The contribution of catalase and other natural products to the antibacterial activity of honey: a review *Food Chemistry* **71**(2):235-9.

Nzeako B. C. & Hamdi J. (2000) Antimicrobial potential of honey on some microbial isolates. *Medical Sciences* **2**:75-9.

Cooper R. A., Wigley P. & Burton N. F. (2000) Susceptibility of multiresistant strains of *Burkholderia cepacia* to honey. *Letters in Applied Microbiology* **31**:20-4.

Weston R. J., Mitchell K. R. & Allen K. L. (1999) Antibacterial phenolic components of New Zealand manuka honey. *Food Chemistry* **64**(3):295-301.

Osato M. S., Reddy S. G. & Graham D. Y. (1999) Osmotic effect of honey on growth and viability of *Helicobacter pylori*. *Digestive Diseases and Sciences* **44**(3):462-4.

Cooper R. A., Molan P. C. & Harding K. G. (1999) Antibacterial activity of honey against strains of *Staphylococcus aureus* from infected wounds. *Journal of the Royal Society of Medicine* **92**(6):283-5.

Cooper R. A. & Molan P. C. (1999) The use of honey as an antiseptic in managing *Pseudomonas* infection. *Journal of Wound Care* **8**(4):161-4.

Breton L. & Pineau N. (1999) Use of honey as an agent for decreasing adhesion of micro-organisms. *European Patent 98 4022715*

Wahdan H. A. L. (1998) Causes of the antimicrobial activity in honey. *Infection* **36**(1):30-5.

Molan P. & Brett M., editors. Honey has potential as a dressing for wounds infected with MRSA. The Second Australian Wound Management Association Conference; 1998; Brisbane, Australia.

Karayil S., Deshpande S. D. & Koppikar G. V. (1998) Effect of honey on multidrug resistant organisms and its synergistic action with three common antibiotic. *Journal of Postgraduate Medicine (Bombay)* **44**:93-6.

Cooper R. A. (1998) The inhibition of bacteria isolated from chronic venous leg ulcers by honey. *Journal of Medical Microbiology* **47**:1140.

Molan P. C. Finding New Zealand honeys with outstanding antibacterial and antifungal activity. The New Zealand Beekeeper. 1997:20-6.

Molan P. C. Honey as an antimicrobial agent. In: Mizrahi A & Lensky Y (Eds). Bee Products: Properties, Applications and Apitherapy. New York: Plenum Press, 1997:27-37.

Bogdanov S. (1997) Nature and origin of the antibacterial substances in honey. *Food Science and Technology - Lebensmittel-Wissenschaft und -Technologie* **30**(7):748-53.

Steinberg D., Kaine G. & Gedalia I. (1996) Antibacterial effect of propolis and honey on oral bacteria. *American Journal of Dentistry* **9**(6):236-9.

Sheikh D., Shams-Uz-Zaman, Naqvi S. B., Sheikh M. R. *et al.* (1995) Studies on the antimicrobial activity of honey. *Pakistan Journal of Pharmaceutical Sciences* **8**(1):51-62.

McCarthy J. (1995) The antibacterial effects of honey: medical fact or fiction? *American Bee Journal* **135**(5):341-2.

Čurda L. & Plocková M. (1995) Impedance measurement of growth of lactic acid bacteria in dairy cultures with honey addition. *International Dairy Journal* **5**:727-33.

Obi C. L., Ugoji E. O., Edun S. A., Lawal S. F. *et al.* (1994) The antibacterial effect of honey on diarrhoea causing bacterial agents isolated in Lagos, Nigeria. *African Journal of Medical Sciences* **23**:257-60.

El-Sukhon S. N., Abu-Harfeil N. & Sallal A. K. (1994) Effect of honey on bacterial growth and spore germination. *Journal of Food Protection* **57**(10):918-20.

Basson N. J., Du Toit I. J. & Grobler S. R. (1994) Antibacterial action of honey on oral *streptococci*. *Journal of the Dental Association of South Africa* **49**:339-41.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Bannur M., Attar G. S., Fule R. P., Kandle S. K. *et al.* (1994) Honey - an useful antimicrobial for superficial wound infections. *Indian Journal of Medical Microbiology* **12**(4):244-6.

Postmes T., van den Bogaard A. E. & Hazen M. (1993) Honey for wounds, ulcers, and skin graft preservation. *Lancet* **341**(8847):756-7.

Efem S. E. E., Udoh K. T. & Iwara C. I. (1992) The antimicrobial spectrum of honey and its clinical significance. *Infection* **20**(4):227-9.

Willix D. J. A comparative study of the antibacterial action spectrum of manuka honey and other honey [M.Sc.]. Hamilton, New Zealand: University of Waikato; 1991.

Wakhle D. M. & Desai D. B. (1991) Estimation of antibacterial activity of some Indian honeys. *Indian Bee Journal* **53**(1-4):80-90.

Ali A. T. M. M., Chowdhury M. N. H. & Al Humayyd M. S. (1991) Inhibitory effect of natural honey on Helicobacter pylori. *Tropical Gastroenterology* **12**(3):139-43.

Russell K. M., Molan P. C., Wilkins A. L. & Holland P. T. (1990) The identification of some antibacterial constituents of New Zealand Manuka honey. *Journal of Agricultural and Food Chemistry* **38**:10-3.

Haspolat K., Büyükbas S. & Çengel H. (1990) Balin in vitro antibakteriyel ve antifungal etkisi. *Turk Hijiyen ve Deneysel Biyoloji Dergisisi* **47**(2):211-6.

Southwick E. E. (1989) Some special properties of honey. *American Bee Journal* **129**(6):407-8.

Molan P. C., Allen K. L., Tan S. T. & Wilkins A. L., editors. Identification of components responsible for the antibacterial activity of Manuka and Viper's Bugloss honeys. Annual Conference of the New Zealand Institute of Chemistry; 1989.

Mishref A., Magda S. A. & Ghazi I. M., editors. The effect of feeding medicinal plant extracts to honeybee colonies on the antimicrobial activity of the honey produced. Fourth International Conference on Apiculture in Tropical Climates; 1989; Cairo: International Bee Research Association, London.

Hodgson M. J. Investigation of the antibacterial action spectrum of some honeys [M.Sc.]. Hamilton, New Zealand: University of Waikato; 1989.

Molan P. C., Smith I. M. & Reid G. M. (1988) A comparison of the antibacterial activity of some New Zealand honeys. *Journal of Apicultural Research* **27**:252-6.

Molan P. C. & Russell K. M. (1988) Non-peroxide antibacterial activity in some New Zealand honeys. *Journal of Apicultural Research* **27**:62-7.

Farouk A., Hassan T., Kashif H., Khalid S. A. *et al.* (1988) Studies on Sudanese bee honey: laboratory and clinical evaluation. *International Journal of Crude Drug Research* **26**(3):161-8.

Efem S. E. E. (1988) Clinical observations on the wound healing properties of honey. *British Journal of Surgery* **75**:679-81.

Dolezal M., Dolezal M. & Medrela-Kuder E. (1988) Research on inhibine effect of herb-honey. *Acta Biologica Cracoviensia Series Botanica* **30**:9-16.

Wadi M., Al-Amin H., Farouq A., Kashef H. *et al.* (1987) Sudanese bee honey in the treatment of suppurating wounds. *Arab Medico* **3**:16-8.

Tóth G., Lemberkovics É. & Kutasi-Szabó J. (1987) The volatile components of some Hungarian honeys and their antimicrobial effects. *American Bee Journal* **127**(7):496-7.

Grochowski J. & Bilinska M., editors. Biological activity of pollen, bee bread and honey relative to selected bacterial strains. XXXIst International Apicultural Congress of Apimondia; 1987; Warsaw, Poland: Apimondia Publishing House, Bucharest, Romania.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Dustmann J., editor. Effect of honey on the cariogenic bacterium *Streptococcus mutans*. XXXIst International Apicultural Congress of Apimondia; 1987; Warsaw, Poland: Apimondia Publishing House, Bucharest, Romania.

Bogdanov S., Rieder K. & Rüegg M. (1987) Neue Qualitätskriterien bei Honiguntersuchungen. *Apidologie* **18**(3):267-78.

Roth L. A., Kwan S. & Sporns P. (1986) Use of a disc-assay system to detect oxytetracycline residues in honey. *Journal of Food Protection* **49**(6):436-41.

Morse R. A. (1986) The antibiotic properties of honey. *Pan-Pacific Entomologist* **62**(4):370-1.

Tomlinson J. T. & Williams S. C. (1985) Antibiotic properties of honey produced by the domestic honey bee Apis mellifera (Hymenoptera: Apidae). *Pan-Pacific Entomologist* **61**(4):346-7.

Jeddar A., Kharsany A., Ramsaroop U. G., Bhamjee A. *et al.* (1985) The antibacterial action of honey. An *in vitro* study. *South African Medical Journal* **67**:257-8.

Yatsunami K. & Echigo T. (1984) Antibacterial action of honey and royal jelly [in Japanese]. *Honeybee Science* **5**(3):125-30.

Radwan S. S., El-Essawy A. A. & Sarhan M. M. (1984) Experimental evidence for the occurrence in honey of specific substances active against microorganisms. *Zentralblatt für Mikrobiologie* **139**(4):249-55.

Obaseiki-Ebor E. E. & Afonya T. C. A. (1984) In vitro evaluation of the anticandidiasis activity of honey distillate (HY-1) compared with that of some antimycotic agents. *Journal of Pharmacy and Pharmacology* **36**:283-4.

Bogdanov S. (1984) Characterisation of antibacterial substances in honey. *Lebensmittel-Wissenschaft und -Technologie* **17**(2):74-6.

Russell K. M. The antibacterial properties of honey [M.Sc.]. Hamilton, New Zealand: University of Waikato; 1983.

Popeskovic D., Dakic M., Buncic S. & Ruzic P., editors. A further investigation on the antimicrobial properties of honey. XXIXth International Congress of Apiculture; 1983; Budapest, Hungary: Apimondia Publishing House, Bucharest, Romania.

Obaseiki-Ebor E. E., Afonya T. C. A. & Onyekweli A. O. (1983) Preliminary report on the antimicrobial activity of honey distillate. *Journal of Pharmacy and Pharmacology* **35**(11):748-9.

Mizrahi A. & Doron R. (1982) Antimicrobial effects of hive products. *Israel Journal of Medical Sciences* **18**(5):23.

Ibrahim A. S. (1981) Antibacterial action of honey. *Bulletin of Islamic Medicine* **1**:363-5.

Revathy V. & Banerji S. A. (1980) A preliminary study of antibacterial properties of Indian honey. *Indian Journal of Biochemistry and Biophysics* **17**(supplement no. 242):62.

Dustmann J. H., editor. Zur antibakteriellen Wirkung des Honigs. IIIme Symposium International d'Apitherapie; 1979; Portoroz, Yugoslavia: Apimondia Publishing House, Bucharest, Romania.

Dustmann J. H. (1979) Antibacterial effect of honey. *Apiacta* **14**(1):7-11.

Wootton M., Edwards R. A. & Rowse A. (1978) Antibacterial properties of some Australian honeys. *Food Technology in Australia* (May):175-6.

Wellford T. E. T., Eadie T. & Llewellyn G. C. (1978) Evaluating the inhibitory action of honey on fungal growth, sporulation, and aflatoxin production. *Zeitschrift für Lebensmittel-Untersuchung und -Forschung* **166**(5):280-3.

Tysset C. & Durand C. (1976) De la survie de quelques entérobactéries dans le miel stocké dans une enceinte réfrigérée à +10°C. *Bulletin de l'Académie Vétérinaire de France* **49**(4):417-22.

Skrypnik E. I. & Khorol'skii L. N. (1974) Persistence of tuberculosis in honeys [in Russian]. *Pchelovodstvo* **94**(5):41.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

Popescu V., Paunescu T., Ghitescu I., Velescu G. *et al.*, editors. First results obtained in treatment of actinomycosis by bee products and vegetal extracts. International Symposium on Apitherapy; 1974; Madrid: Apimondia Publishing House, Bucharest, Romania.

Nabrdalik M. & Skarbek R. (1974) Inhibitory properties of bee's honey [in Polish]. *Medycyna Weterynaryjna* **30**(11):669-70.

Tysset C. & Durand C. (1973) De la survie de quelques germes à Gram négatif, non sporulés, dans le miels du commerce. *Bulletin de l'Académie Vétérinaire de France* **46**(4):191-6.

Sedova N. N. & Usmanov M. F. (1973) Antimicrobial properties of some types of honey from Uzbekistan [in Russian]. *Voprosy Pitaniya* **32**(2):84-5.

Ialomiteanu M. & Daghie V., editors. Investigations of the antibiotic qualities of honey. XXIVth International Apicultural Congress; 1973; Buenos Aires: Apimondia Publishing House, Bucharest, Romania.

Daghie V., Cîrnu I. & Cioca V. (1973) Contributii privind actinuea bactericida si bacteriostatica a mierii de lecaniide (*Physokermes* sp) din zona coniferelor. *Apicultura* **26**(2):13-6.

James O. B. O., Segree W. & Ventura A. K. (1972) Some anti-bacterial properties of Jamaican honey. *West Indian Medical Journal* **21**(7):7-17.

Daghie V., Cîrnu I. & Cioca V., editors. Contribution to the study of the bacteriostatic and bactericidal action of honey produced by *Physokermes* sp. in the area of coniferous trees. XXIIIrd International Apicultural Congress; 1971; Moscow: Apimondia Publishing House, Bucharest, Romania.

Tysset C., Durand C. & Taliercio Y. P. (1970) Contribution à l'étude du microbisme et de l'hygiène des miels du commerce. *Recueil de Médicine Véterinaire* **146**:1471-92.

Gryuner V. S. & Arinkina A. I. (1970) Carbohydrates content, enzymatic and antimicrobial activity of honey [in Russian]. *Izvestiya Vysshikh Uchebnykh Zavedenii Pishchevaya Tekhnologiya* **1970**(6):28-31.

Smith M. R., McCaughey W. F. & Kemmerer A. R. (1969) Biological effects of honey. *Journal of Apicultural Research* **8**(2):99-110.

Simpson J., Reidel I. B. M. & wilding N. (1968) Invertase in the hypopharyngeal glands of the honey bee. *Journal of Apicultural Research* **7**(1):29-36.

Siddiqui I. R. & Furgala B. (1968) Isolation and characterisation of oligosaccharides from honey. Part II. Trisaccharides. *Journal of Apicultural Research* **7**(1):51-9.

Mohrig W. & Messner B. (1968) Lysozym als antibakterielles Agens im Bienenhonig und Bienengift. *Acta Biologica et Medica Germanica* **21**:85-95.

Chambonnaud J. P. (1968) Contribution a la recherche des antibiotiques dans le miel. *Bulletin apicole* **11**(2):133-200.

Ialomitzeanu M., Daghie V. & Mihaescu N. F., editors. Contribution to the study of the bacteriostatic and bactericidal action of honey. XXIst International Apicultural Congress; 1967; Budapest, Hungary: Apimondia Publishing House, Bucharest, Romania.

Chwastek M. (1966) Jakosc miod wpszczelich handlowych na podstawie oznaczania ich skladnik w niecukrowcowych. czesc II. Zawartosc inhibiny w miodach krajowych. *Rocziniki Panstwowego Zakladu Higieny* **17**(1):41-8.

Chambonnaud J. P. (1966) Etude du puvoir anti-bactérien des miels par une technique de diffusion en gélose. *Bulletin apicole* **9**(1):83-98.

Buchner R. (1966) Vergleichende Untersuchungen über die antibakteriellen Wirkung von Blüten- und Honigtauhonigen. *Südwestdeutscher Imker* **18**:240-1.

Lavie P. (1963) Sur l'identification des substances antibactériennes présentes dans le miel. *Comptes Rendus Academie des Sciences, Paris* **256**:1858-60.

Rizvanov K. & Bizhev B. (1962) Investigation of the antibacterial and antifungal properties of honey [in Bulgarian]. *Nauchni Trudove* **11**:433-43.

Lindner K. E. (1962) Ein Beitrag zur Frage der antimikrobiellen Wirkung der Naturhonige. *Zentralblatt für Bakteriologie, Parasitenkunde, Infektionkrankheiten und Hygiene* **115**(7):720-36.

Adcock D. (1962) The effect of catalase on the inhibine and peroxide values of various honeys. *Journal of Apicultural Research* **1**:38-40.

Rychlik M. & Dolezal M. (1961) Wlasciwosci inhibinowe niektórych miodów Polskichó. *Pszczelnicze Zeszyty Naukowe* **5**(2):53-64.

Khristov G. & Mladenov S. (1961) Honey in surgical practice: the antibacterial properties of honey [in Bulgarian]. *Khirurgiya (Moscow)* **14**(10):937-46.

d'Agostino Barbaro A., La Rosa C. & Zanelli C. (1961) Atttività antibatterica di mieli Siciliani. *Quaderni della Nutrizione* **21**(1/2):30-44.

Christov G. & Mladenov S. (1961) Propriétés antimicrobiennes du miel. *Comptes rendus de l'Académie bulgare des Sciences* **14**(3):303-6.

Stomfay-Stitz J. & Kominos S. D. (1960) Über bakteriostatische Wirkung des honigs. *Zeitschrift für Lebensmittel-Untersuchung und -Forschung* **113**:304-9.

Warnecke B. & Duisberg H. (1958) Die bakteriostatische (inhibitorische) Wirkung des Honigs. *Zeitschrift für Lebensmittel-Untersuchung und -Forschung* **107**:340-4.

Schuler R. & Vogel R. (1956) Wirkstoffe des Bienenhonigs. *Arzneimittel Forschung* **6**:661-3.

Meier K. E. & Freitag G. (1955) Über die antibiotischen Eigenschaften von Sacchariden und Bienenhonig. *Zeitschrift für Hygiene und Infektionskrankheiten* **141**:326-32.

Dold H. & Witzenhausen R. (1955) Ein Verfahren zur Beurteilung der örtlichen inhibitorischen (keimvermehrungshemmenden) Wirkung von Honigsorten verschiedener Herkunft. *Zeitschrift für Hygiene und Infektionskrankheiten* **141**:333-7.

Vergé J. (1951) L'activité antibactérienne de la propolis du miel et de la gelée royale. *Apiculteur* **95**(6: Section scientifique):13-20.

Pothmann F. J. (1950) Der Einfluß von Naturhonig auf das Wachstum der Tb.-Bakterien. *Zeitschrift für Hygiene und Infektionskrankheiten* **130**:468-84.

Dold H. & Knapp T. (1949) Über inhibierende und modifizierende Wirkungen des Honigs auf Diphtheriebacillen und seine Brauchbarkeit zur Bekämpfung des Diphtheriebacillenträgertums. *Zeitschrift für Hygiene und Infektionskrankheiten* **130**:323-34.

Lennartz V. T. (1947) Über antituberkulöse Stoffe: Antibiotische Eigenschaften von Derivaten des Orcins. *Zeitschrift für Naturforschung* **2b**:7-9.

Plachy E. (1944) Studie über die bakterizide Wirkung des Naturhonigs (Bluten- und Blatthonig) aus verschiedenen Höhenlagen sowie einige Untersuchungen über die Eigenschaft der antibakteriellen Hemmungstoffe (Inhibine) im Naturhonig. *Zentralblatt für Bakteriologie* **100**:401-19.

Franco M. & Sartori L. (1940) Sull'azione antibatterice del miele. *Annali d'Igiene* **50**:216-27.

Editorial (1940) Honey versus bacteria. *Lancet* **i**:1184.

Prica M. (1938) Über die bactericide Wirkung des Naturhonigs. *Zeitschrift für Hygiene und Infektionskrankheiten* **120**:437-43.

Sackett W. G. Honey as a carrier of intestinal diseases. Bulletin of the Colorado State University Agricultural Experimental Station, 1919:18.

© Peter Molan 2012

Downloaded from Professor Peter Molan's articles on http://waikato.academia.edu/PeterMolan

For more information, visit the University of Waikato Honey Research Unit website:
http://sci.waikato.ac.nz/research/centres-and-units/honey/

© Peter Molan 2012