

القرآن الكريم، سورة النحل، آية (68، 69).

أبا حسين، يوسف بن يعقوب (2007م) العلاج بعسل السدر وشجرة، ط1، الرياض، فهرسة مكتبة الملك فهد الوطنية أثناء النشر.

ابن منظور، (1988م) لسان العرب، ط 1 المجلد التاسع، نسقه وعلق ووضع فهارسه: علي شيري، بيروت، دار إحياء التراث العربي.

بخاري، ممدوح أسعد محمد، دراسات ميكروبيولوجية على المكورات العنقودية المعزولة من مرضى بعض مستشفيات مدينة مكة المكرمة، رسالة ماجستير، جامعة الملك عبد العزيز، جدة (1422هـ / 2002م)، (10-11).

الحسيني، أيمن (2002م) عالج نفسك بالعسل، مدينة نصر – القاهرة، دار الطلائع للنشر والتوزيع والتصدير.

الدقاق، نادية (2002م) التداوي بالنباتات والأعشاب وعسل النحل، الإسكندرية – مصر، دار الوفاء لدنيا الطباعة والنشر.

السيد، عبدالباسط محمد (2005م)، التغذية النبوية وسلسلة الطب البديل والغذاء بين الداء والدواء، ط4، الجيزة- ش الملك فيصل- مصر، شركة مكتبة ألفا للتجارة والتوزيع.

الصاوي، عبدالجواد والمصلح، عبدالله بن عبدالعزيز والمشاركون الزندانى، عبدالمجيد والبار، محمد علي وباشا، حسان شمسي والنجار، زغلول ودحوح، محمد وأبو المجد، مجاهد وحمدان، حسني وهلال، رمضان ومليكي، ياسين إبراهيم ومكي، أحمد (2008م) الإعجاز العلمي في القرآن والسنة، ط1، جدة، دار حياذ للنشر والتوزيع.

الصابونى، محمد علي (1981م) اختصار وتحقيق لـ تفسير ابن كثير ط9، المجلد الثالث، بيروت، دار القرآن الكريم.

عبد الحكيم، منصور (2008م) التداوى والشفاء بالحبة السوداء، ط1، دار الكتاب العربى دمشق، القاهرة.

عبداللطيف، محمد عباس والجيار، فاروق محمد حلمي ورواش وإبراهيم عبده وخلفاء زغلول حماده (1979م) تربية النحل ونتاج العسل، الإسكندرية، دار المطبوعات الحديثة.

عرموش، هاني (2007م) النحل والتداوى بعسله وعبكره وسمه، ط2، بيروت- لبنان، دار النفائس للطباعة والنشر والتوزيع.

العريفى، إبراهيم عبدالله سعد (2008م) عسل النحل وخواصه الطبيعية-الكيميائية-البيولوجية-العلاجية، الرياض.

علي، ذكرى سليم والدباغ، سميه يس وعلوي، أسماء حسين (2008م) تأثير خل التفاح على شفاء الجروح المخمجة تجريبيا بجرثومة *Pseudomonas aeruginosa*، المجلة العراقية للعلوم البيطرية، المجلد 22، العدد 1 (11-17).

عمران، زياد علي (2003م) العسل ومعجزات الإستشفاء به، عمان ساحة الجامع الحسينى سوق البتراء، عمارة الحجيرى، دار عمار للنشر والتوزيع.

الغصن، ناصر بن إبراهيم (2004م) النحل ونباتات العسل في المملكة العربية السعودية، ط2،

الرياض، فهرسة مكتبة الملك فهد الوطنية أثناء النشر.

القرافي، عبد الله دبببس (2007م) معجزات الشفاء في منتجات النحل من تجاربهم، ط1، المدينة

المنورة، فهرسته مكتبة الملك فهد الوطنية أثناء النشر.

قنديل، عبدالمنعم (1987م) التداوي بعسل النحل، ط2، القاهرة، مكتبة التراث الإسلامي دار

الجيل.

المجلس الوطني للعسل (الولايات المتحدة الأمريكية)، ترجمة المركز العربي للتغذية (2006)

العسل الفوائد العلاجية والصحية، ط1، مملكة البحرين.

مصطفى، ناظم (2003م) أسرار النحل والعلاج بالعسل، ط1، دار الحكايات طبع بالمشاركة مع

رشاد برس ش.م.م بيروت-لبنان.

ملياني، رجاء بنت محمود بن محمد (1419هـ) أسس علم البكتريا الطبي، ط1، جدة، فهرسة

مكتبة الملك فهد الوطنية أثناء النشر.

References

- Abd-El Aal A.M, El-Hadidy M.R., El-Mashad N.B., El-Sebaie A.H.(2007)**Antimicrobial effect of bee honey in comparison to antibiotics of organisms isolated from infected burns,*Annals of Burns and Fire Disasters* - vol. XX - n. 2 – June,
- Abuharfeil N, Al-Oran R, Abo-Shehada M (1999).** The effect of bee honey on the ' proliferative activity of human B- and T-lymphocytes and the activity of phagocytes , '*Food Agric Immunol* 11: 169-77 .
- Airborne's New Zealand Honey Collections** , (1999) [online] Available <http://www.Airborne> Honey print [Accessed 28/11/2011].
- Alandejani T , Marsan J, FRCSC,Ferris W, Slinger R , FRCPC, and Chan F (2009),** Effectiveness of honey on Staphylococcus aureus and Pseudomonas aeruginosa biofilms,*Otolaryngology–Head and Neck Surgery* 141, 114-118.
- Al Braikan, M. O. (2006)** Antimicrobial Activity Of Different Types of Honey On Multiresistant Microorganisms , *Master thesis, King Abdulaziz University, Jeddah.*
- AL-Haj N. A. , Amghalia E. , Shamsudin M. N. , Abdullah R. , Mohamed R. Sekawi Z. (2009).** Antibacterial Activity of Honey Against Methicillin-Resistant *Staphylococcus aureus*. *Research Journal of Biological Sciences*. | Volume: 4 | Issue: 8 | Page No.: 943-947.
- Ali A.T , Chowdhury H.N , al-Humayyd M.S (1991).** Inhibitory effect of natural honey on *Helicobacter pylori*. *Trop Gastroenterol*;12:139-143 .
- Al-Jabri A.A.(2005),** Honey, milk and antibiotics, *African Journal of Biotechnology* Vol. 4 (13), pp. 1580-1587.

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: 817–822.

Alnaimat S. , Wainwright M. and Al'Abri K. (2012), Antibacterial Potential Of Honey From Different Origins :A Comparison with Manuka Honey, *Journal of Microbiology, Biotechnology and Food Sciences* 1 (5) 1328-1338.

Al Somal.N , Coley K.E ,Molan P.C et al (1994). Susceptibility of *Helicobacter pylori* to the antibacterial activity of Manuka honey. *J R Soc Med*;87:9-12.

Ashi, A. M. (2000) Comparative studies of the Antimicrobial Growth Effect of Some Local and Imported Bees Honey . *Master thesis, King Abdulaziz University, Jeddah*.

Al-Waili N.S, Boni N.S(2003) . Natural honey lowers plasma prostaglandin concentrations in normal individuals. *J Med Food*;6:129-33.

Al-Waili N.S(2003) . Effects of daily consumption of honey solution on hematological indices and blood levels of minerals and enzymes in normal individuals. *J Med Food*; 6:135-40.

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): 210-222.

Al-Waili, N.S., Saloom, K.Y.(1999) Effects of topical honey on post-operative wound infections due to Gram positive and Gram negative bacteria following Caesarean sections and hysterectomies. *Eur J Med Res*; 4: 126-130 .

Beck B.F & Smedley D (1944) . Honey and Your Health. New York: McBride.

Bhavin.G, Visavadia , Jan Honeysett, Martin .H, Danford (2008), Manuka honey dressing: An effective treatment for chronic wound infections . *British Journal of Oral and Maxillofacial Surgery* volume 46, Issue 1, page 55-56.

Bogdanov.S. (1997). Nature and origin of the antibacterial substances in honey, *Lebensm-Wiss. U.-Technology*, 30(1), 748-753

Bogdanov .S & Martin .P (2002) , honey authenticity, swiss bee research center.

Boukraa L, Benbarek H, Aissat S (2008), Synergistic action of starch and honey against *Pseudomonas aeruginosa* in correlation with diastase number. *J Altern Complement Med*. 2008 Mar;14(2):181-4.

Cavanagh .D , Beazley . J , OstapowiczF (1970). Radical operation for carcinoma of the vulva. A new approach to wound healing. *J Obstet Gynaecol Br Commonw*; 77: 1037–40.

Chauhan A., Pandey V., Chacko K. M. and Khandal R. K (2010). Antibacterial Activity of Raw and Processed Honey, *Electronic Journal of Biology*, Vol. 5(3): 58-66.

Chen TB, Deng WH, Lu WH, Chen RM, Rao PF(2001), Detection of residual antibiotics in honey with capillary electrophoresis. *Institute of Biotechnology*. 19(1):91-3.

Cooper, R. A. PhD; Halas, E. BSc; Molan, P. C. (2002), The Efficacy of Honey in Inhibiting Strains of *Pseudomonas Aeruginosa* From Infected Burns, *Journal of Burn Care & Rehabilitation*: ,Volume 23 - Issue 6 - pp 366-370

Cooper R, Molan P.(1999), The use of honey as an antiseptic in managing *Pseudomonas* infection, *J Wound Care*. 8(4):155.

Dunford, C . Cooper, R . Molan, P.C. White, R(2000). The use of honey in wound managment. *Nurs*. 15: 11, 63-68.

Eduardo L. Chuayana Jr., Carmina V. Ponce, Ma. Rosanna B. Rivera , Esperanza C. Cabrera (2003), Antimicrobial Activity of Probiotics from Milk Products, *Phil J Microbiol Infect Dis*; 32(2):71-74.

Efem S.E.E.(1988) Clinical observations on the wound healing properties of honey. *Br j surg*;75:679-681.

Efem S.E.E (1993). Recent advances in the management of Fournier's gangrene preliminary observations. *Surgery*; 113 (2): 200-4.

English H.K , Pack A.R , Molan P.C. (2004) : The effects of manuka honey on plaque and gingivitis: a pilot study. *J Int Acad Periodontol*, 6:63-67.

Estrada H, Gamboa Mdel M, Arias ML, 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*. *Facultad de Microbiología*, 55(2):167- 71.

Fit N., Rapuntean G., Pantrea S.L. , Nadas G.,French V.M . , Cooper R.A. , MolanP.C.(2005). The antibacterial activity of honey against coagulase- negative staphylococci.*Journal of Antimicrobial Chemotherapy* 56(1):228-231.

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.

Hahn D.L & Baker W.A(1980). Penicillin G susceptibility of "rural" *Staphylococcus aureus*. *J Fam Pract*;11:43-6.

Hamouda H. M. and Marzouk D. S (2011). Antibacterial Activity of Egyptian Honey from Different Sources. *International Journal of Microbiological Research* 2 (2): 149-155.

Hegazi A. G. (2011). Antimicrobial activity of different Egyptian honey as comparison of Saudi Arabia honey, *Journal of Microbiology* 6(5): 488-495.

Hejase M.J , Simonin J.E , Bihrlle .R et al ., (1996). Genital Fournier's gangrene: experience with 38 patients. *Urology*; 47:734-739.

Henriques A. F. , Jenkins R. E. , Burton N. F. and Cooper R. A.(2011). The effect of manuka honey on the structure of *Pseudomonas aeruginosa* . *European Journal of Clinical Microbiology & Infectious Diseases* Volume 30, Number 2 , 167-171,

Holt J.G (1994).*Bergey's Manual of Determinative Bacteriology* (9th ed.). Williams & Wilkins.

- Hughes G.B , Chidi C.C , Macon W.L(1976).** Staphylococci in community-acquired infections: Increased resistance to penicillin. *Ann Surg*;183:355-7.
- Irish J. , Blair S., Carter D. A. (2011).**The Antibacterial Activity of Honey Derived from Australian Flora. *PLoS ONE*6(3): e18229.
- Irish J. , Carter D.A , Shokohi, T , Blair, E.S.(2006).** Honey has an antifungal effect against *Candida* species, *Medical Mycology*, 44, 289-291.
- Jenkins R. , Burton N. , Cooper R. (2011).** Manuka honey inhibits cell division in methicillin-resistant *Staphylococcus aureus*. *Journal of antimicrobial chemotherapy* 66(11)
- Jenkins R. E. and Cooper R. (2012).**Synergy between oxacillin and manuka honey sensitizes methicillin-resistant *Staphylococcus aureus* to oxacillin .
- Jessen .O , Rosendal .K , Bulow .P , Faber .V , Eriksen K.R(1969).** Changing staphylococci and staphylococcal infections: A ten-year study of bacteria and cases of bacteremia. *N Engl J Med*;281:627-35.
- Karayil S., Deshpande S.D., Koppikar G.V.(1998),** Effect of honey on multidrug resistant organisms and its synergistic action with three common antibiotics. *Journal Of Postgraduate Medicine*, Volume 44 Issue 4 Page (3-6).
- Khan F.R.; Abadin Z. Ul.; Rauf N.(2007)**Honey: Nutritional and Medicinal Value, [*International Journal of Clinical Practice*](#). ;61(10):1705-1707.
- Kloos W.E, Bannerman T.L(1994).** Update on clinical significance of coagulase- negative staphylococci. *Clin Microbiol Rev*; 7: 117–40 .
- Krieg N.R. et al,(1984),***Bergey's Manual of Systematic Bacteriology* Volume 1, Williams and Wilkins, United States of America.
- Kwakman P. H. S., Te Velde A. A. , De Boer L. , Speijer D., Vandenbroucke-Grauls C. M. J. E. and Zaat S. A. J. (2010),**How honey kills bacteria. *The FASEB Journal* vol. 24 no. 7 2576-2582.
- Kwakman PHS, te Velde AA, de Boer L, Vandenbroucke-Grauls CMJE, Zaat SAJ(2011)** Two Major Medicinal Honeys Have Different Mechanisms of Bactericidal Activity. *PLoS ONE* 6(3).

Kwakman P. H. S., Van den Akker J. P. C. , Gu'c, lu A. , Aslami H. , Binnekade J. M., Boer L. D. , Boszhard L., Paulus F. , Middelhoek P. , Velde A. A. t , Vandebroucke-Grauls C. M. J. E., Schultz M. J., and Zaat S. A. J. (2008). Medical-Grade Honey Kills Antibiotic-Resistant Bacteria In Vitro and Eradicates Skin Colonization . *Clinical Infectious Diseases*; 46:1677–82.

Lerrer B, Yosovich K. D. Z, Avrahami B, Garber N. G (2007), Honey and royal jelly, like human milk, abrogate lectin-dependent infection-preceding *Pseudomonas aeruginosa* adhesion, *The ISME Journal* 1, 149–155.

[Littlejohn, Vout .E.S.\(2009\).](#) The Sensitivity of Adenovirus and Herpes simplex virus to Honey. The University of Waikato.

Lusby PE, Coombes AL, Wilkinson JM(2005). Bactericidal activity of different honeys against pathogenic bacteria. *Arch Med Res.* 36:464-467.

Madigan .M & Martinko .J,(2005). *Brock Biology of Microorganisms* (11th ed.). Prentice Hall.

Mahmood N., Alireza A., Masoome E. , ei Mahnaz M. , Javad A.M. , Davood M. (2009), Effect of Honey in *Pseudomonas aeruginosa* Induced Stromal Keratitis in Rabbits, *Journal of Applied Animal Research*, Volume : 35, Issue :2.

Mandal M. D. , Mandal S . (2011), Honey: its medicinal property and antibacterial activity, *Asian Pacific Journal of Tropical Biomedicine.* 154-160.

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. *Mol Nutr Food* 52:483-489.

Merckoll P, Jonassen TO, Vad ME, Jeansson SL, Melby KK (2009), Bacteria, biofilm and honey: a study of the effects of honey on 'planktonic' and biofilm embedded chronic wound bacteria. *Scand J Infect Dis*, 41:341-347.

Misirlioglu. A , Eroglu. S , Karacaoglan. N et al (2003). Use of honey as an adjunct in the healing of split thickness skin graft donor site. *Dermatol Surg*; 29: 2, 168-172.

Mohapatra D. P., Thakur V. , and Brar S. K. (2011), Antibacterial Efficacy of Raw and Processed Honey, *Biotechnology Research International* Volume 2011, Article ID 917505, 6 pages.

Molan.P.C , Russell .K.M.(1988). Non-peroxide antibacterial activity in some New Zealand honeys. *J . Apic. Res.*, 27(1), 62-67.

Molan P.C.(1992). The antibacterial activity of honey. 1.The nature of the antibacterial activity. *Bee World*; 73(1): 5-28.

Molan, P.C.(1992)The antibacterial activity of honey. 2: Variation in the potency of the antibacterial activity. *Bee World*; 73: 2, 59-76.

Molan P.C. (2001), Potential of Honey in the Treatment of Wounds and Burns, *Am J Clin Dermatol*; 2 (1): 13-19.

Molan P. C. (2001) Honey as a topical antibacterial agent for treatment of infected wound. *World Wide Wounds*.

Molan P.C.(2002).Re-introducing honey in the management of wounds and ulcers— theory and practice. *Ostomy Wound Manage* 48: 28–40.

Molan P.C , Betts J.A.(2004), Clinical usage of honey as a wound dressing: an update. *Journal of Wound Care* Vol 13, No 9.

Mullai V., & Menon T.(2007), Bactericidal Activity of Different Types of Honey Against Clinical and Environmental Isolates of *Pseudomonas aeruginosa* , *The journal of alternative and complementary medicine* Volume 13, Number 4, , pp. 439–441.

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

Murray P.R., Rosenthal K.S. , Pfaller M. A.(2005)*Medical Microbiology* , fifth edition ,Elsevier Mosby ,Philadelphia.

National Honey Board Honey, USA (1988) From nature's food industry: Information brochure, p. 2

Oka H.(2002), Improvement of chemical analysis of antibiotics : XII. Simultaneous analysis of seven tetracyclines in honey , [*Journal of Chromatography A*](#) , Volume 400, Pages 253-261

Onyeagba R.A., Ugbogu O.C., Okeke C.U. , Iroakasi .O.(2004), Studies on the antimicrobial effects of garlic (*Allium sativum* Linn), ginger (*Zingiber officinale* Roscoe) and lime (*Citrus aurantifolia* Linn), *African Journal of Biotechnology* Vol. 3 (10), pp. 552-554.

Ooshima T, Osaka Y, Sasaki H, Osawa K, Yasuda H, Matsumura M, Sobue S, Matsumoto M (2000) . Caries inhibitory activity of cacao bean husk extract in in-vitro and animal experiments. *Arch Oral Biol*;45:639-45.

Oyeleke, S.B; Dauda, B .E.N; Jimoh, T; and Musa, S.O (2010), Nutritional Analysis and Antibacterial Effect of Honey on Bacterial Wound Pathogens, *Journal of Applied Sciences Research*, 6(11): 1561-1565.

Peacock S. J. (2005), Staphylococcus –, In: **Arnold E. Topley and Wilson's Microbiology and Microbial infections** -10th Edition -Bacteriology volume 2 – 32,772-779.

Qarah S. , Cunha B. A. , Dua P., Lessnau K. D.(2009) , *Pseudomonas aeruginosa* Infections, [*Contributor Information and Disclosures*](#).

Robson .V , Dunford. C , Molan, P.C , Cooper R.A(2001) The use of honey in wound management. *Wound Care Conference*.

Roland N. Ndip, Alertia E. Malange Takang, Christy M. Echakachi, Agnes Malongue, Jane-Francis T. K. Akoachere, Lucy M. Ndip, Henry N. Luma (2007) . In-vitro antimicrobial activity of selected honeys on clinical isolates of *Helicobacter pylori* .*African Health Sciences*, Vol. 7, No. 4, pp. 228-231.

Root A.L & Root E.R. (1980) ABC and XYZ of bee culture: an encyclopaedia pertaining to scientific and practical culture of bees, Root Publishing Company, Ohio, USA, 38th ed.

Ross .S, Rodroquez .W ,Controni .G , Khan W (1974). Staphylococcal susceptibility to penicillin G: The changing pattern among community isolates. *JAMA*;229:1075-7.

Ryan K.J, Ray C.G (2004).*Sherris Medical Microbiology* (4th ed.). McGraw Hill.

Sherif .M , Mohran. Z , Fathy. H, Rockabrand D.M. ,Rozmajzl P.J , Frenck R.W (2004). Universal high-level primary metronidazole resistance in *Helicobacter pylori* isolated from children in Egypt. *J Clin Microbiol*; 42(10): 4832-4834 .

Sherlock Orla, Dolan Anthony, Athman Rahma, Power Alice, Gethin Georgina, Cowman Seamus, Humphreys Hilary (2010), Comparison of the antimicrobial activity of Ulmo honey from Chile and Manuka honey against methicillin-resistant *Staphylococcus aureus*, *Escherichia coli* and *Pseudomonas aeruginosa*, *BMCComplementary and Alternative Medicine*, 10:47.

Smyth A. R. , Cifelli P.M. , BChir , Ortori C. A. , Righetti K., Lewis S., Erskine P.,Holland E. D. , Givskov M. , , Williams P., Cámara M., Barrett D. A. , Knox A. ,(2010), Garlic as an inhibitor of *Pseudomonas aeruginosa* quorum sensing in cystic fibrosis - a pilot randomized controlled trial, [*Pediatric Pulmonology*](#) Volume 45 Issue4, **Pages 356 – 362.**

Sneath P. H. A. et al., (1986), *Bergey's Manual of Systematic Bacteriology* Volume 2, Williams and Wilkins, United States of America.

Snow M.J., Harris M. M (2004) , on the nature of non-peroxide antibacterial activity in New Zealand manuka honey , *Food chemistry* 84 145-147.

[Steinberg D](#), [Kaine G](#), [Gedalia I](#) (1996). Antibacterial effect of propolis and honey on oral bacteria. [*Am J Dent.*](#) ;9(6):236-9.

Subrahmanyam M.(1978), Topical application of honey in treatment of burns. *Br J*

Surg; 78(4):497-98.

Subrahmanym .M(1991). Topical applicayion of honey in treatment of burns. *Br J surg*; 78(4):497-498.

Subrahmanyam M.(1996), Honey dressing versus boiled potato peel in the treatment of burns: a prospective randomized study,*Burns*.2(6):491-3.

Theunissen F, Grobler S, Gedalia I. (2001) The antifungal action of three South African honeys on *Candida albicans*. *Apidologie*; 32:371-379.

Tonks, A., R.A. Cooper, A.J. Price, P.C. Molan and K.P. Jones,(2001). Stimulation of TNF-alpha release in monocytes by honey. *Cytokine.*; 14(4): 240-242.

Tunney M.M, Gorman S.P , Patrick .S(1996) . Infection associated with medical devices. *Rev Med Microbiol*; 7: 195–205.

Van Wart H.E, Birkedal-Hansen H (1990). The cystein switch: a principle of regulation of metalloproteinase activity with potential applicability to the entire matrix metalloproteinase gene family. *Proc Nat Acad Sci U S A*; 87 (14): 5578-82 .

Vardi . A , Barzilay. Z , Linder. N et al (1998). Local application of honey for treatment of neonatal postoperative wounds. *Acta Paediatr*;87:429-432.

Waikato Honey Research Unit (2009) "selection of honey as an antimicrobial agent" [online] Available [Accessed 2010, May 4].

Waikato Honey Research Unit (2012) "selection of honey as an antimicrobial agent" [online] Available [Accessed 2012, May 10].

Weston R. J, (2000). The contribution of catalase and other natural products to the antibacterial activity of honey: a review. *Food Chemistry*, 71, 235-239

White J.W, Subers M.H , Schepartz A.L(1963) The identification of inhibine, the antibacterial factor in honey, as hydrogen peroxide and its origin in a honey glucose- oxidase system, *Biochem. Biophys, Acta* 73, 57–70 .

White J.W. (1975) Composition of honey, in: Crane, E. (Ed.), *Honey: a comprehensive survey*, Heinemann, London, UK.

Wilkinson J. M. and Cavangh H. M. A. (2005), Antibacterial activity of 13 honeys against *Escherichia coli* and *Pseudomonas aeruginosa*, *J Med food* 8(1) 100-103.

Yang K.L (1944), The use of honey in the treatment of chilblains, non-specific ulcers, and small wounds. *Chin Med J*; 62: 55–60.

Zeina B , Othman O , Al-Assad S (1996). effect of honey versus thyme on rubella virus survival in vitro. *The journal of alternative and complementary medicine*, volume 2, number ,pp.345-348,.

Zotou A. & Vasiliadou C. (2006), Selective Determination of Sulfonamide Residues in Honey by SPE-RP-LC with UV Detection, *Chromatographia*, Volume 64, Numbers 5-6(307-311).

Zubair, M. A. (2005), Antimicrobial Growth Effect of Some Unprocessed Local and Commercially Processed Honey, *Master thesis, King Abdulaziz University, Jeddah*.