

References

- Abd El Hady, F.K. and Hegazi A.G. (2002).** Egyptian propolis: 2. chemical composition, antiviral and antimicrobial activities of east Nile delta propolis. *Z. Naturforsch.*, 57c: 386 – 394.
- Abd El Hady, F.K.; Hegazi, A.G. ; Wollenweber E. (2007).** Effect of Egyptian propolis on the susceptibility of LDL to oxidative modification and its antiviral activity with special emphasis on chemical composition. *Z. Naturforsch.*, 62c: 645 - 655.
- Adams, R.P. (1995).** Identification of essential oil components by Gas Chromatography/Mass Spectroscopy, Allured Publishing Corporation, Carol Stream, Illinois, U.S.A.
- Ahn M-R; Shigenori Kumazawa; Tomoko Hamasaka; Keuk-Seung Bang; and Tsutomu Nakayama(2004)** Antioxidant Activity and Constituents of Propolis Collected in Various Areas of Korea *J. Agric. Food Chem.*, 52 (24), pp 7286–7292.
- Bankova, V.; Castro, S. L. and Marcucci, M.C. (2000).** Propolis: recent advances in chemistry and plant origin. *Apidologie*, 31: 3–15.
- Bankova, V. (2005).** Recent trends and important developments in propolis research. *eCAM*, 2: 29–32.

- Banskota, A. H.; Tezuka, Y.; Adnyana, I. K.; Midorikawa, K.; Matsushige, K.; Message, D.; Huertas, A. A. G.; and Kadota, S. (2000).** Cytotoxic, hepatoprotective and free radical scavenging effects of propolis from Brazil, Peru, the Netherlands and China. *Journal of Ethnopharmacology*, 72, 239–246.
- Banskota, A.H.; Nagaoka, T.; Sumioka, L.Y.; Tezuka, Y.; Awale, S.; Midorikawa, K.; Matsushige, K. and Kadota, S. (2002).** Antiproliferative Activity of the Netherlands propolis and its active principles in cancer cell lines. *Journal of Ethnopharmacology*, 80: 67-73.
- Bors, W., Heller, W., Michel, C. and Saran, M. (1990)** “Flavonoids as antioxidants: determination of radicalscavenging efficiencies”, *Methods Enzymol.* 186, 343–355..
- Chena, C. N, Chia-Li Wub, Jen-Kun Lina (2004).** Propolin C from propolis induces apoptosis through activating caspases, Bid and cytochrome c release in human melanoma cells. *Biochemical Pharmacology*, 67, 53–66.
- Choi, Y.M.; Noh, D.O.; Cho, S.Y.; Suh, H.J.; Kim, K.M. and Kim, J.M.(2006).**Antioxidant and antimicrobial activities of propolis from several regions of Korea. *LWT*, 39: 756–761.
- Dawson, R.N.C.; Elliot, D.C.; Elliot, W.H. and Jones, K.M. (1969).** Data for

- biochemical research, Oxford University Press, Oxford.
- El-Bassuony A .A .(2009).** New prenilated compound from egyptian propolis with antimicrobial activity. *Rev. Latinoamer. Quím.* 37/1 (2009).
- Falcão S I; Miguel Vilas-Boas; Letícia M. Estevinho; Cristina Barros; Maria R. M. & Susana M. Cardoso (2010).** Phenolic characterization of Northeast Portuguese propolis: usual and unusual compounds *Anal Bioanal Chem* , 396:887–897.
- Ghisalberti, E.L.; Jefferies, P.R.; Lanteri, R. and Matisons, J. (1978),** Constituents of propolis. *Experientia*, 34(2): 157-158.
- Gregoris, Roberto Stevanato (2010).** Correlations between polyphenolic composition and antioxidant activity of Venetian propolis.
- Hegazi A. G. (1998).** Propolis an overview. *J. Bee In-2-enyl caffete. J. Nat. Prod.* 57, 644-647. 5, 22-23 and 6, 23-28
- Hegazi, A.G.; Nagia Z. Moharm; Halah F. El Minway; Fyrouz Abd Allah; M. F. A. El Minway and A. M. Khair (1998).** Influence of Egyptian propolis in mice bearing ehrlich carcinoma on hematological and histopathological changes th .*International symposium on apitherapy Portoroz*, September 17-19, 1998 Apimondia - Ljubljana, Slovenija.

Hegazi, A.G.; Faten K. Abd El Hady and Fyrouz Abd Allah (2000a):

Chemical composition and antimicrobial activity of European propolis. *Z. Naturforsch* 55c, 70-75.

Hegazi, A. G.; Ahlam A. Farghal and F. K. Abd El Hady. (2000b). ◯Anti viral

activity and chemical composition of European and Egyptian propolis. In International Conference of Propolis. Argentina September, 2000. published in Egypt. *J .Vet. Sci* : 38 .

Hegazi, A.G. and Abd El- Hady, F.K. (2002). Egyptian propolis: 3. antioxidant,

antimicrobial activities and chemical composition of propolis from reclaimed lands. *Z. Naturforsch.*, 57c, 395:402.

Hegazi A. G., Faten K. Abd El Hady and Ahlam A. Farghal (2003): Antiviral

activity of propolis against some avian viruses. Naples, 3rd International Symposium on Natural Drugs, 2-4 October, 2003. Proceeding page 107.

Hegazi A. G., Faten. K Abd El Hady. , Ahlam A. Farghali and Amal Ibrahim

(2004): Egyptian propolis 7- Effect of propolis on chicken infected with Bursal Disease virus isolated from different avian species. *J. Appl. Vet. Sci. N.R.C.*, Vol. 1, No. 2, 375-386.

Hegazi A.G. (2006): Apitherapy, Immunological aspects. APIMEDICA 2006: 1st

International Forum on Apitherapy, Greece 21-15 October .

- Kimoto, T.; Aga, M.; Hino, K.; Koya-Miyata, S.; Yamamoto, Y.; Micallef, M. J.; Hanaya, T.; Arai, S.; Ikeda, M. & Kurimoto, M. (2001).** Apoptosis of human leukemia cells induced by Artepillin C, an active ingredient of Brazilian propolis. *Anticancer Research*, 21, 221–228.
- Kumazawa S, Tomoko Hamasaka, Tsutomu Nakayama (2004).** Antioxidant activity of propolis of various geographic origins. *Food Chemistry*, 84, 329–339
- Limaa M P; Patrícia A. de Campos Bragab; Mario Lopes Macedob; Fátima das G. F. daSilva; Gilberto Ferreirab; João B. Fernandesb and Paulo C. Vieirab (2004).** Phytochemistry of *Trattinnickia burserifolia*, *T. rhoifolia*, and *Dacryodes hopkinsii*: Chemosystematic Implications. *J. Braz. Chem. Soc.*, 15, No. 3, 385-394.
- Mabry, T.J.; Markham, K.R. and Thomas, M.B. (1970).** The Systematic Identification of Flavonoids, Springer- Verlag, New York.
- Makashvili, Z. A. (1978)** From the history of propolis. In Remarkable hive product : Propolis. Scientific data and suggestions concerning its composition, properties and possible use in therapeutics. APIMONDIA standing Commission on Beekeeping technology and Equipment, Bucharest.
- Marcucci, M.C.; Ferreres, F.; Viguera, C.G.; Bankova V. S.; De Castro, S. L.;**

- Dantas, A.P.; Valente P. H. M. and Paulino N.(2001).** Phenolic compounds from Brazilian propolis with pharmacological activities. *Journal of Ethnopharmacology*, 74: 105-112.
- Markham, K.R. (1982).** Techniques of flavonoid identification, Academic Press, London.
- Matsui, T.; Ebuch, S.; Fujise, T.; Kanthi, J.M.; Doi, S.A.; Yamada, H.; and Matsumoto, K. (2004)** .Strong antihyperglycemic effects of water-soluble fraction of brazilian propolis and its bioactive constituent, 3, 4, 5-tri-O-caffeoylquinic acid. *Biol. Pharm. Bull.*, 27: 1797—1803.
- Matsushige, K.; Basnet, P.; Kadota, S.; and Namba, T. (1996).** Potent free radical scavenging activity of dicaffeoyl quinic acid derivatives from propolis. *J. Traditional Med*, 13: 217–28.
- McVean, M.; Xiao, H.; Isobe, K.-I. and Pelling. J.(2000),** Increased in wild type p53 stability and transactivational activity by the chemopreventive agent apigenin in keratinocytes. *Carcinogenesis*, 21:633-639.
- Mohammadzadeh, S.; Sharriatpanahi, M.; Hamed, M.; Amanzadeh, Y.; Ebrahimi, S.E.S. and Ostad, S.N. (2007).** Antioxidant power of Iranian Propolis extract. *Food Chemistry*, 103: 729–733.
- Moreira, L.; Dias, L.G.; Pereira, J.A. and Estevinho, L. (2008).** Antioxidant

- properties, total phenols and pollen analysis of propolis samples from Portugal. *Food and Chemical Toxicology*, 46: 3482–3485.
- Moreno, M.N; Isla, M.; Sampietro, A.R. and Vattuone, M.A. (2000).** Comparison of the free radical-scavenging activity of propolis from several regions of Argentina. *Journal Of Ethnopharmacolog*, 7: 109–114.
- Moura S A L, Mônica Alves Neves Diniz Ferreira¹, Silvia Passos Andrade², Maria Leticia Costa Reis¹, Maria de Lourdes Noviello¹ and Denise Carmona Cara (2009)** “Brazilian Green Propolis Inhibits Inflammatory Angiogenesis in a Murine Sponge Model eCAM 2009;Page 1 of 7, doi:10.1093.
- Muñoz, O.; Copaja, S.; Speisky, H.; Peña, R. C. and Montenegro. G. G. (2007),** Contenido de flavonoides y compuestos fenólicos de mieles chilenas e índice antioxidante. *Química Nova*, 30:848-851.
- Nagai, T.; Inoue, R.; Inoue, H. and Suzuki, N. (2003).** Preparation and antioxidant properties of water extract of propolis. *Food Chemistry*, 80: 29–33.
- Nakajima, Y.; Shimazawa, M.; Mishima, S. and Hara, H. (2007) .**Water extract of propolis and its main constituents, caffeoylquinic acid derivatives, exert neuroprotective effects via antioxidant actions. *Life Sciences*, 80: 370–377.

- Petrova, A.; Popova, M.; Kuzmanova, C.; Tsvetkova, I.; Naydenski, H.; Muli, E.; and Bankova, V. (2010)** .New biologically active compounds from kenyan propolis. *Fitoterapia* (under press).
- Popova ; Ioanna, B.; Chinou; Ilko N.; Marekov; Vassya S.; Bankova (2009).**Terpenes with antimicrobial activity from Cretan propolis. *Phytochemistry*, 70 ,1262–.1271
- Rijstenbil, J.W. (2002).** Assessment of oxidative stress in the planktonic diatom *Thalassiosira pseudonana* in response to UVA and UVB radiation. *J. Plankton Res.* 24, 1277–1288.
- Santos, R.B. and Simões, J.A.M. (1998)** “Energetics of the O–H bond in phenol and substituted phenols: a critical evaluation of literature data”, *J. Phys. Chem. Ref. Data* 27, 707–739.
- Silva¹, S. G.; De Lima¹, E. H.; Oliveira, J. A. D.; Lopes¹, M. H.; Chaves¹, F. A. M.; Reis, A. M. G. L. (2008).** Anacardic acid derivatives from brazilian propolis and their antibacterial activity , 33, 3.
- Simões , L.E.; Gregório , A.A.; Da Silva Filho , M.L.; de Souza , A.E.C.S.; Azzolini , J.K. ; Bastos , Y.M.; Lucisano-Valim (2004).** Effect of Brazilian green propolis on the production of reactive oxygen species by stimulated neutrophils *Journal of Ethnopharmacology* 94,59–65.

- Teixeira, E.W.; Acetate, Y.L.; Message, D.; Negri ,G. E. and Salatino, A. (2006).** Bauer-7-en-3 a major constituent of unusual samples of brazilian propolis. *Quim.Nova.*, 29: 245-246.
- Tiwari A. K. (2001).** Imbalance in antioxidant defense and human diseases: Multiple approach of natural antioxidants therapy. *Curr. Sci.*, 81: 1179-1187.
- Trusheva, B.; Popova, M.; Bankova, V.; Simova, S.; Cristina, M.; Marcucci; Miorin, P.L.; Pasin, F.R.; and Tsvetkova, I. (2006).** Bioactive constituents of brazilian red propolis. *e CAM*, 3: 249-254.
- Wright, J.S., Johnson, E.R. and DiLabio, G.A. (2001)** “Predicting the activity of phenolic antioxidants: theoretical method, analysis of substituent effects, and application to major families of antioxidants”, *J. Am. Chem. Soc.* 123, 1173–1183.
- Zhang X-F, Hung T M , Phuong P T, Tran Minh Ngoc, Byung-Sun Min,Kyung-Sik Song², Yeon Hee Seong³, and KiHwan Bae (2006).**” Anti-inflammatory Activity of Flavonoids from *Populus davidiana*.”*Arch Pharm Res* Vol 29, No 12, 1102-1108, 2006.