

DAFTAR PUSTAKA

1. Kemenkes RI. Hasil Riset Kesehatan Dasar Tahun 2018. *Kementrian Kesehatan RI*. 2018;53(9):1689-1699.
2. Power D. Standards of medical care in diabetes: Response to position statement of the American Diabetes Association [20]. *Diabetes Care*. 2006;29(2):476. doi:10.2337/diacare.29.02.06.dc05-1593
3. Tangvarasittichai S. Oxidative stress, insulin resistance, dyslipidemia and type 2 diabetes mellitus. *World J Diabetes*. 2015;6(3):456. doi:10.4239/wjd.v6.i3.456
4. Berbudi A, Rahmadika N, Tjahjadi AI, Ruslami R. Type 2 Diabetes and its Impact on the Immune System. *Curr Diabetes Rev*. 2019;16(5):442-449. doi:10.2174/1573399815666191024085838
5. Nuryani N, Damayanti E. Efek hiperglikemia terhadap innate immunity serta kerentanan pada infeksi. *Tirtayasa Med J*. 2022;1(2):49. doi:10.52742/tmj.v1i2.15320
6. Bahgat MM, Ibrahim DR. Proinflammatory cytokine polarization in type 2 diabetes. *Cent Eur J Immunol*. 2020;45(2):170-175. doi:10.5114/ceji.2020.97904
7. Hossain MK, Dayem AA, Han J, et al. Molecular mechanisms of the anti-obesity and anti-diabetic properties of flavonoids. *Int J Mol Sci*. 2016;17(4). doi:10.3390/ijms17040569
8. Yan J, Yang X, He L, et al. Comprehensive Quality and Bioactive Constituent Analysis of Celery Juice Made from Different Cultivars. *Foods*. 2022;11(18):1-14. doi:10.3390/foods11182719
9. Alshehri A, Ahmad A, Tiwari RK, Ahmad I, Alkhatami AG. In Vitro Evaluation of Antioxidant, Anticancer, and Anti-Inflammatory Activities of Ethanolic Leaf Extract of *Adenium obesum*. 2022;13(July):1-12. doi:10.3389/fphar.2022.847534

10. Hedayati N, Bemani Naeini M, Mohammadinejad A, Mohajeri SA. Beneficial effects of celery (*Apium graveolens*) on metabolic syndrome: A review of the existing evidences. *Phyther Res.* 2019;33(12):3040-3053. doi:10.1002/ptr.6492
11. Yuliantari NWA, Widarta IWR, Permana IDGM. Pengaruh Suhu dan Waktu Ekstraksi Terhadap Kandungan Flavonoid dan Aktivitas Antioksidan Daun Sirsak (*Annona muricata* L.) Menggunakan Ultrasonik The Influence of Time and Temperature on Flavonoid Content and Antioxidant Activity of Sirsak Leaf (*Annona mur.* *Media Ilm Teknol Pangan.* 2017;4(1):35-42.
12. Kurniati D, Arifin HR, Ciptaningtyas D, et al. Kajian Pengaruh Pemanasan terhadap Aktivitas Antioksidan Buah Mengkudu (*Morinda Citrifolia*) sebagai Alternatif Sumber Pangan Fungsional Study of Heating Effect on Antioxidant Activity of Noni Fruit (*Morinda citrifolia*) as an Alternative of Functional Food. *J Teknol Pangan.* 2019;3(1):20-25.
13. Solikhah TI, Setiawan B, Ismukada DR. Antidiabetic Activity of Papaya Leaf Extract (*Carica Papaya* L .) Isolated with Maceration Method in Alloxan- Induces Diabetic Mice. 2020;11(9):774-778.
14. Hakim L. *Rempah & Herba Kebun-Pekarangan Rumah Masyarakat.*; 2015.
15. Supriyadi S, Husnun F, Daryono BS. Sifat Kimia Dan Kinetika Degradasi Termal Antioksidan Jus Melon (*Cucumis Melo* L.) Kultivar Gama Melon Parfum. *J Teknol Pertan Andalas.* 2022;26(1):71. doi:10.25077/jtpa.26.1.71-83.2022
16. Widiyastuti Y, Widowati L, Bahar Y, Siswanto U. Seledri (*Apium graveolens* L.): Tanaman Aromatis Melawan Hipertensi. *Seledri (Apium graveolens L) Tanam Aromat Melawan Hipertens.* Published online 2021. doi:10.14203/press.298
17. Yusni Y, Zufry H, Meutia F, Sucipto KW. The effects of celery leaf (*Apium graveolens* L.) treatment on blood glucose and insulin levels in elderly pre-diabetics. *Saudi Med J.* 2018;39(2):154-160. doi:10.15537/smj.2018.2.21238

18. Arif, M Syamsul TA. *IMMUNOLOGI*. Kementerian Kesehatan RI; 2019.
19. Iheagwam FN, Batiha GES, Ogunlana OO, Chinedu SN. Terminalia catappa Extract Palliates Redox Imbalance and Inflammation in Diabetic Rats by Upregulating Nrf-2 Gene. *Int J Inflam.* 2021;2021. doi:10.1155/2021/9778486
20. Palupi FD, Waskita B, Nuhriawangsa AMP. Pengaruh Dosis Dan Lama Waktu Pemberian Ekstrak Etanol Pegagan (Centella Asiatica) Terhadap Kadar Gula Darah Dan Derajat Insulitis Tikus Model Diabetes Melitus Tipe 2. *Media Gizi Mikro Indones.* 2019;10(2):111-124. doi:10.22435/mgmi.v10i2.588
21. Oyenihi AB, Chegou NN, Oguntibeju OO, Masola B. Centella asiatica enhances hepatic antioxidant status and regulates hepatic inflammatory cytokines in type 2 diabetic rats. *Pharm Biol.* 2017;55(1):1671-1678. doi:10.1080/13880209.2017.1318293
22. Pratiwi NY, Shafriani NR. Pengaruh Pemberian Ekstrak Pegagan (Centella asiatica) dan Ketapang (Terminalia catappa) terhadap Kadar Interleukin-6 pada Diabetes Melitus Tipe-2. *J Noncommunicable Dis.* 2022;2(1):20. doi:10.52365/jond.v2i1.410
23. Aly RH, Ahmed AE, Hozayen WG, et al. Patterns of toll-like receptor expressions and inflammatory cytokine levels and their implications in the progress of insulin resistance and diabetic nephropathy in type 2 diabetic patients. *Front Physiol.* 2020;11(December). doi:10.3389/fphys.2020.609223
24. Rumondang S, Sedli BP, Umboh ORH. Pengaruh Inflamasi Mikro terhadap Penyakit Ginjal pada Pasien Diabetes Melitus Tipe-2. *Med Scope J.* 2022;4(1):40-47. doi:10.35790/msj.v4i1.44682
25. Masola B, Oguntibeju OO, Oyenihi AB. Centella asiatica ameliorates diabetes-induced stress in rat tissues via influences on antioxidants and inflammatory cytokines. *Biomed Pharmacother.* 2018;101(February):447-457. doi:10.1016/j.biopha.2018.02.115

26. Jing ZT, Liu W, Xue CR, et al. AKT activator SC79 protects hepatocytes from TNF- α -mediated apoptosis and alleviates d-Gal/LPS-induced liver injury. *Am J Physiol - Gastrointest Liver Physiol*. 2019;316(3):G387-G396. doi:10.1152/ajpgi.00350.2018
27. Sabio G, Davis RJ. TNF and MAP kinase signalling pathways. *Semin Immunol*. 2014;26(3):237-245. doi:10.1016/j.smim.2014.02.009
28. Jang DI, Lee AH, Shin HY, et al. The role of tumor necrosis factor alpha (Tnf- α) in autoimmune disease and current tnf- α inhibitors in therapeutics. *Int J Mol Sci*. 2021;22(5):1-16. doi:10.3390/ijms22052719
29. Illes JD. Perubahan Tekanan Darah Setelah Jus Seledri Tertelan pada Pria Lansia Hipertensi. 2021;(April).
30. Safira A, Savitri SL, Putri ARB, et al. Review on the pharmacological and health aspects of Hylocereus or Pitaya: An update. *J Drug Deliv Ther*. 2021;11(6):297-303. doi:10.22270/jddt.v11i6.5181
31. Hikmawati F. *Metodologi Penelitian*. 4th ed. Rajawali Pers; 2020.
32. Kusnadi ETD. Isolasi Dan Identifikasi Senyawa Flavanoid Pada Ekstrak Daun Seledri (*Apium Graveolens L.*) Dengan Metode Refluks. *Pancasakti Sci Educ J*. 2020;5(9):4-11.
33. Wintagata KA, Hartiati A, Admadi B. Aplikasi Commodity System Assessment Method (Csam) Pada Distribusi Seledri (*Apium Graveolens L.*) Dari Petani Di Kecamatan Baturiti Ke Pengecer. *J Rekayasa Dan Manaj Agroindustri*. 2019;7(2):200. doi:10.24843/jrma.2019.v07.i02.p04
34. Yaribeygi H, Farrokhi FR, Butler AE, Sahebkar A. Insulin resistance: Review of the underlying molecular mechanisms. *J Cell Physiol*. 2019;234(6):8152-8161. doi:10.1002/jcp.27603
35. Shaw JE, Sicree RA, Zimmet PZ. Global estimates of the prevalence of diabetes for 2010 and 2030. *Diabetes Res Clin Pract*. 2010;87(1):4-14. doi:10.1016/j.diabres.2009.10.007

36. Sinha S, Haque M. Insulin Resistance and Type 2 Diabetes Mellitus: An Ultimatum to Renal Physiology. *Cureus*. 2022;14(9):1-11. doi:10.7759/cureus.28944
37. Wu Q, Li W, Zhao J, et al. Biomedicine & Pharmacotherapy Apigenin ameliorates doxorubicin-induced renal injury via inhibition of oxidative stress and inflammation. *Biomed Pharmacother*. 2021;137(January):111308. doi:10.1016/j.biopha.2021.111308
38. Szarek N. Profile of Phenolic Compounds and Antioxidant Activity of Celery (*Apium graveolens*) Juices Obtained from Pulp after α -Amylase Treatment from *Aspergillus oryzae*. Published online 2024.
39. Chemistry F. Phenolic Composition and Antioxidant Activities of 11 Celery Cultivars. 2010;75(1):9-13. doi:10.1111/j.1750-3841.2009.01392.x
40. Sasangka AN. Pratista Patologi Efek Ekstrak Daun Seledri (*Apium Graveolens L .*) pada Kanker Payudara Pratista Patologi. 2023;8(2).
41. Al-snafi AE. International Journal for Pharmaceutical Research Scholars (IJPRS). 2017;(January 2014).
42. Mushtaq Z, Sadeer NB, Hussain M, et al. Therapeutical properties of apigenin : a review on the experimental evidence and basic mechanisms. *Int J Food Prop*. 2023;26(1):1914-1939. doi:10.1080/10942912.2023.2236329
43. Silalahi KP, Swasti YR, Pranata FS. Aktivitas Antioksidan dari Produk Samping Olahan Jeruk. *Amerta Nutr*. 2022;6(1):100. doi:10.20473/amnt.v6i1.2022.100-111
44. J Mbah C, Orabueze I, H Okorie N. Antioxidants Properties of Natural and Synthetic Chemical Compounds: Therapeutic Effects on Biological System. *Acta Sci Pharm Sci*. 2019;3(6):28-42. doi:10.31080/asps.2019.03.0273
45. Joidi F. Adverse Effects of Excessive Antioxidant Supplements and Their Underlying Mechanisms. *J Aging Res Clin Prat*. 2013;(November):339-345.
46. Rehman H ur, Ullah K, Rasool A, et al. Comparative impact of

streptozotocin on altering normal glucose homeostasis in diabetic rats compared to normoglycemic rats. *Sci Rep.* 2023;13(1):1-6. doi:10.1038/s41598-023-29445-8

47. de Souza CP, Gambeta E, Stern CAJ, Zanoveli JM. Posttraumatic stress disorder-type behaviors in streptozotocin-induced diabetic rats can be prevented by prolonged treatment with vitamin E. *Behav Brain Res.* 2019;359:749-754. doi:10.1016/j.bbr.2018.09.008