

## Documents

- 1) Zang, W.-B., Wei, H.-L., Zhang, W.-W., Ma, W., Li, J., Yao, Y.

**Curcumin hybrid molecules for the treatment of Alzheimer's disease: Structure and ph**  
(2024) *European Journal of Medicinal Chemistry*, 265, art. no. 116070, .

- 2) Shah, A.J., Mir, P.A., Adnan, M., Patel, M., Maqbool, M., Mir, R.H., Masoodi, M.H.

**Synthetic and Natural Bioactive Molecules in Balancing the Crosstalk among Common Alzheimer's Disease: Understanding the Neurotoxic Mechanisms for Therapeutic Inter**  
(2023) *ACS Omega*, 8 (43), pp. 39964-39983.

- 3) Stępnik, K., Kukula-Koch, W., Płaziński, W.

**Molecular and Pharmacokinetic Aspects of the Acetylcholinesterase-Inhibitory Potenti**  
**Triterpenes and Their Glycosides**  
(2023) *Biomolecules*, 13 (9), art. no. 1357, .

- 4) Stępnik, K., Kukula-Koch, W., Plazinski, W., Rybicka, M., Gawel, K.

**Neuroprotective Properties of Oleanolic Acid—Computational-Driven Molecular Resear**  
**and In Vivo Experiments**  
(2023) *Pharmaceuticals*, 16 (9), art. no. 1234, .

- 5) Saeed, S., Zahoor, A.F., Kamal, S., Raza, Z., Bhat, M.A.

**Unfolding the Antibacterial Activity and Acetylcholinesterase Inhibition Potential of Be**  
**Synthesis, Antibacterial, Acetylcholinesterase Inhibition, and Molecular Docking Studi**  
(2023) *Molecules*, 28 (16), art. no. 6007, .

- 6) Ailioaie, L.M., Ailioaie, C., Litscher, G.

**Photobiomodulation in Alzheimer's Disease—A Complementary Method to State-of-the**

## **Formulations and Nanomedicine?**

(2023) *Pharmaceutics*, 15 (3), art. no. 916, .

- 7) Kumar, R., Khandel, S.K., Aryal, B.

### **The use of alkaloids in traditional medicine**

(2023) *The Essential Guide to Alkaloids*, pp. 54-117.

- 8) Jana, A., Bhattacharjee, A., Das, S.S., Srivastava, A., Choudhury, A., Bhattacharjee, R., De, S., Gupta, P.K., Jha, S.K., Ojha, S., Singh, S.K., Ruokolainen, J., Jha, N.K., Kesari, K.K., Ashraf,

### **Molecular Insights into Therapeutic Potentials of Hybrid Compounds Targeting Alzheimer's Disease**

(2022) *Molecular Neurobiology*, 59 (6), pp. 3512-3528.

- 9) Aryal, B., Raut, B.K., Bhattarai, S., Bhandari, S., Tandan, P., Gyawali, K., Sharma, K., Ranabhat, S., Ojha, A., Devkota, H.P., Parajuli, N.

### **Potential Therapeutic Applications of Plant-Derived Alkaloids against Inflammatory and Neurodegenerative Diseases**

(2022) *Evidence-based Complementary and Alternative Medicine*, 2022, art. no. 7299778, .

- 10) Davis, S.M., Eckroat, T.J.

### **Isatin-linked 4,4-dimethyl-5-methylene-4,5-dihydrothiazole-2-thiols for inhibition of acetylcholinesterase**

(2021) *Medicinal Chemistry Research*, 30 (12), pp. 2289-2300.

- 11) Jamshidnejad-Tosaramandani, T., Kashanian, S., Babaei, M., Al-Sabri, M.H., Schiöth, H.B.

### **The potential effect of insulin on acetylcholinesterase and its interactions with rivastigmine in vitro**

(2021) *Pharmaceutics*, 14 (11), art. no. 1136, .

- 12) Juszczak, G., Mikulska, J., Kasperek, K., Pietrzak, D., Mrozek, W., Herbet, M.

### **Chronic stress and oxidative stress as common factors of the pathogenesis of depressive disease; the role of antioxidants in prevention and treatment**

(2021) *Antioxidants*, 10 (9), art. no. 1439, .

- 13) Ege, D.

### **Action mechanisms of curcumin in Alzheimer's disease and its brain targeted delivery**

(2021) *Materials*, 14 (12), art. no. 3332, .

14) Ahmed, I.B., Kibou, Z., Choukchou-Braham, N.

**Recent Advances in the Synthesis of Tacrine Derivatives as Multifunctional Agents fo**  
(2021) *Current Organic Chemistry*, 25 (21), pp. 2579-2624.

---

ELSEVIER

Copyright © 2024 Elsevier B.V. All rights reserved. Scopus® is a re  
trademark of Elsevier B.V.