

**Prof. Luciano Saso's synthetic CV
(as of December 2022)**

PERSONAL INFORMATION	Date of birth: 10-2-1964 Nationality: Italian E-mail: luciano.saso@uniroma1.it	
CURRENT POSITION	Full professor of Pharmacology at Sapienza University of Rome, Italy (www.uniroma1.it) Highly Cited Researcher (https://clarivate.com/highly-cited-researchers/)	
SCIENTIFIC PROFILE	H-index (Google Scholar)	58
	No. publications (Pubmed)	351
	No. citations (Google Scholar)	13055
EDUCATION	PhD in Pharmaceutical Sciences from Sapienza University of Rome (1992)	

List of publications (last 5 years)

- 1: Mortazavi M, Divar M, Damghani T, Moosavi F, **Saso L**, Pirhadi S, Khoshneviszadeh M, Edraki N, Firuzi O. Study of the anticancer effect of new quinazolinone hydrazine derivatives as receptor tyrosine kinase inhibitors. *Front Chem.* 2022 Nov 17;10:969559. doi: 10.3389/fchem.2022.969559. PMID: 36465863; PMCID: PMC9713320.
- 2: Davinelli S, Medoro A, Intrieri M, **Saso L**, Scapagnini G, Kang JX. Targeting NRF2-KEAP1 axis by Omega-3 fatty acids and their derivatives: Emerging opportunities against aging and diseases. *Free Radic Biol Med.* 2022 Nov 20;193(Pt 2):736-750. doi: 10.1016/j.freeradbiomed.2022.11.017. Epub 2022 Nov 17. PMID: 36402440.
- 3: Gallorini M, Carradori S, Resende DISP, **Saso L**, Ricci A, Palmeira A, Cataldi A, Pinto M, Sousa E. Natural and Synthetic Xanthone Derivatives Counteract Oxidative Stress via Nrf2 Modulation in Inflamed Human Macrophages. *Int J Mol Sci.* 2022 Nov 1;23(21):13319. doi: 10.3390/ijms232113319. PMID: 36362104; PMCID: PMC9659273.
- 4: Profumo E, Maggi E, Arese M, Di Cristofano C, Salvati B, **Saso L**, Businaro R, Buttari B. Neuropeptide Y Promotes Human M2 Macrophage Polarization and Enhances p62/SQSTM1-Dependent Autophagy and NRF2 Activation. *Int J Mol Sci.* 2022 Oct 27;23(21):13009. doi: 10.3390/ijms232113009. PMID: 36361795; PMCID: PMC9653849.
- 5: Sharifi S, Dalir Abdolahinia E, Ghavimi MA, Dizaj SM, Aschner M, **Saso L**, Khan H. Effect of Curcumin-Loaded Mesoporous Silica Nanoparticles on the Head and Neck Cancer Cell Line, HN5. *Curr Issues Mol Biol.* 2022 Oct 27;44(11):5247-5259. doi: 10.3390/cimb44110357. PMID: 36354669; PMCID: PMC9688994.
- 6: Magnifico MC, Xhani M, Sprovera B, Buttari B, Abballe G, Desideri F, Panieri E, **Saso L**, Arese M. Nitro-Oxidative Stress and Mitochondrial Dysfunction in Human Cell Lines Exposed to the Environmental Contaminants PFOA and BPA. *Front Biosci (Landmark Ed).* 2022 Oct 27;27(10):292. doi: 10.31083/j.fbl2710292. PMID: 36336871.
- 7: Panieri E, Telkoparan-Akillilar P, **Saso L**. NRF2, a crucial modulator of skin cells protection against vitiligo, psoriasis, and cancer. *Biofactors.* 2022 Oct 30. doi: 10.1002/biof.1912. Epub ahead of print. PMID: 36310374.
- 8: Ghareghomi S, Habibi-Rezaei M, Arese M, **Saso L**, Moosavi-Movahedi AA. Nrf2 Modulation in Breast Cancer. *Biomedicines.* 2022 Oct 21;10(10):2668. doi: 10.3390/biomedicines10102668. PMID: 36289931; PMCID: PMC9599257.

- 9: Ahmed S, Alam W, Aschner M, Alsharif KF, Albrakati A, **Saso L**, Khan H. Natural products targeting the ATR-CHK1 signaling pathway in cancer therapy. *Biomed Pharmacother.* 2022 Nov;155:113797. doi: 10.1016/j.biopha.2022.113797. Epub 2022 Oct 8. PMID: 36271573; PMCID: PMC9590097.
- 10: Buttari B, Arese M, Oberley-Deegan RE, **Saso L**, Chatterjee A. NRF2: A crucial regulator for mitochondrial metabolic shift and prostate cancer progression. *Front Physiol.* 2022 Sep 23;13:989793. doi: 10.3389/fphys.2022.989793. PMID: 36213236; PMCID: PMC9540504.
- 11: Roy A, Bera S, **Saso L**, Dwarakanath BS. Role of autophagy in tumor response to radiation: Implications for improving radiotherapy. *Front Oncol.* 2022 Sep 12;12:957373. doi: 10.3389/fonc.2022.957373. PMID: 36172166; PMCID: PMC9510974.
- 12: Temaj G, Chichiarelli S, Eufemi M, Altieri F, Hadziselimovic R, Farooqi AA, Yaylim I, **Saso L**. Ribosome-Directed Therapies in Cancer. *Biomedicines.* 2022 Aug 26;10(9):2088. doi: 10.3390/biomedicines10092088. PMID: 36140189; PMCID: PMC9495564.
- 13: Ourhzi EM, Ricelli A, Stagni V, Cirigliano A, Rinaldi T, Bouissane L, Saso L, Chalard P, Troin Y, Khouili M, Akssira M. Antifungal and Cytotoxic Activity of Diterpenes and Bisnorsesquiterpenoids from the Latex of *Euphorbia resinifera* Berg. *Molecules.* 2022 Aug 16;27(16):5234. doi: 10.3390/molecules27165234. PMID: 36014466; PMCID: PMC9413093.
- 14: Matlin SA, Smith AC, Merone J, LeVoy M, Shah J, Vanbiervliet F, Vandentorren S, Vearey J, **Saso L**. The Challenge of Reaching Undocumented Migrants with COVID-19 Vaccination. *Int J Environ Res Public Health.* 2022 Aug 12;19(16):9973. doi: 10.3390/ijerph19169973. PMID: 36011606; PMCID: PMC9408401.
- 15: Gray NE, Farina M, Tucci P, **Saso L**. The Role of the NRF2 Pathway in Maintaining and Improving Cognitive Function. *Biomedicines.* 2022 Aug 21;10(8):2043. doi: 10.3390/biomedicines10082043. PMID: 36009590; PMCID: PMC9405981.
- 16: Egbujor MC, Buttari B, Profumo E, Telkoparan-Akillilar P, **Saso L**. An Overview of NRF2-Activating Compounds Bearing α,β -Unsaturated Moiety and Their Antioxidant Effects. *Int J Mol Sci.* 2022 Jul 30;23(15):8466. doi: 10.3390/ijms23158466. PMID: 35955599; PMCID: PMC9369284.
- 17: Panieri E, Pinho SA, Afonso GJM, Oliveira PJ, Cunha-Oliveira T, **Saso L**. NRF2 and Mitochondrial Function in Cancer and Cancer Stem Cells. *Cells.* 2022 Aug 4;11(15):2401. doi: 10.3390/cells11152401. PMID: 35954245; PMCID: PMC9367715.
- 18: Šola KF, Vladimir-Knežević S, Hrbač P, Mucalo I, **Saso L**, Verbanac D. The effect of multistrain probiotics on functional constipation in the elderly: a randomized controlled trial. *Eur J Clin Nutr.* 2022 Dec;76(12):1675-1681. doi: 10.1038/s41430-022-01189-0. Epub 2022 Aug 4. PMID: 35927504; PMCID: PMC9708599.
- 19: Ahmed S, Alam W, Jeandet P, Aschner M, Alsharif KF, **Saso L**, Khan H. Therapeutic Potential of Marine Peptides in Prostate Cancer: Mechanistic Insights. *Mar Drugs.* 2022 Jul 22;20(8):466. doi: 10.3390/md20080466. PMID: 35892934; PMCID: PMC9330892.
- 20: Egbujor MC, Petrosino M, Zuhra K, **Saso L**. The Role of Organosulfur Compounds as Nrf2 Activators and Their Antioxidant Effects. *Antioxidants (Basel).* 2022 Jun 26;11(7):1255. doi: 10.3390/antiox11071255. PMID: 35883746; PMCID: PMC9311638.
- 21: Hussain Y, Khan H, Alsharif KF, Hayat Khan A, Aschner M, **Saso L**. The Therapeutic Potential of Kaempferol and Other Naturally Occurring Polyphenols Might Be Modulated by Nrf2-ARE Signaling Pathway: Current Status and Future Direction. *Molecules.* 2022 Jun 28;27(13):4145. doi: 10.3390/molecules27134145. PMID: 35807387; PMCID: PMC9268049.
- 22: Hussain Y, Khan H, Alotaibi G, Khan F, Alam W, Aschner M, Jeandet P, **Saso L**. How Curcumin Targets Inflammatory Mediators in Diabetes: Therapeutic Insights and Possible Solutions. *Molecules.* 2022 Jun 24;27(13):4058. doi: 10.3390/molecules27134058. PMID: 35807304; PMCID: PMC9268477.
- 23: Hussain Y, Khan H, Alam W, Aschner M, Abdullah, Alsharif KF, **Saso L**. Flavonoids Targeting the mTOR Signaling Cascades in Cancer: A Potential Crosstalk in Anti-Breast Cancer Therapy. *Oxid Med Cell Longev.* 2022 Jun 27;2022:4831833. doi: 10.1155/2022/4831833. PMID: 35795855; PMCID: PMC9252758.

- 24: Temaj G, Saha S, Dragusha S, Ejupi V, Buttari B, Profumo E, Beqa L, **Saso L**. Ribosomopathies and cancer: pharmacological implications. *Expert Rev Clin Pharmacol*. 2022 Jun;15(6):729-746. doi: 10.1080/17512433.2022.2098110. Epub 2022 Jul 15. PMID: 35787725.
- 25: Suzen S, Tucci P, Profumo E, Buttari B, **Saso L**. A Pivotal Role of Nrf2 in Neurodegenerative Disorders: A New Way for Therapeutic Strategies. *Pharmaceuticals (Basel)*. 2022 May 31;15(6):692. doi: 10.3390/ph15060692. PMID: 35745610; PMCID: PMC9227112.
- 26: González-Montero J, Chichiarelli S, Eufemi M, Altieri F, **Saso L**, Rodrigo R. Ascorbate as a Bioactive Compound in Cancer Therapy: The Old Classic Strikes Back. *Molecules*. 2022 Jun 14;27(12):3818. doi: 10.3390/molecules27123818. PMID: 35744943; PMCID: PMC9229419.
- 27: Yaylim İ, Farooqi AA, Telkoparan-Akillilar P, **Saso L**. Interplay between Non-coding RNAs and NRF2 in Different Cancers: Spotlight on miRNAs and Long non-coding RNAs. *J Pharmacol Exp Ther*. 2022 Jun 6:JPET-MR-2021-000921. doi: 10.1124/jpet.121.000921. Epub ahead of print. PMID: 35667688.
- 28: Deus CM, Teixeira J, Raimundo N, Tucci P, Borges F, **Saso L**, Oliveira PJ. Modulation of cellular redox environment as a novel therapeutic strategy for Parkinson's disease. *Eur J Clin Invest*. 2022 Oct;52(10):e13820. doi: 10.1111/eci.13820. Epub 2022 Jun 13. PMID: 35638352.
- 29: **Saso L**, Reza A, Ng E, Nguyen K, Lin S, Zhang P, Fantozzi PJ, Armagan G, Romeo U, Cirillo N. A Comprehensive Analysis of the Role of Oxidative Stress in the Pathogenesis and Chemoprevention of Oral Submucous Fibrosis. *Antioxidants (Basel)*. 2022 Apr 28;11(5):868. doi: 10.3390/antiox11050868. PMID: 35624733; PMCID: PMC9137539.
- 30: Janoušek J, Pilařová V, Macáková K, Nomura A, Veiga-Matos J, Silva DDD, Remião F, **Saso L**, Malá-Ládová K, Malý J, Nováková L, Mladěnka P. Vitamin D: sources, physiological role, biokinetics, deficiency, therapeutic use, toxicity, and overview of analytical methods for detection of vitamin D and its metabolites. *Crit Rev Clin Lab Sci*. 2022 Dec;59(8):517-554. doi: 10.1080/10408363.2022.2070595. Epub 2022 May 16. PMID: 35575431.
- 31: Shahcheraghi SH, Salemi F, Alam W, Ashworth H, **Saso L**, Khan H, Lotfi M. The Role of NRF2/KEAP1 Pathway in Glioblastoma: Pharmacological Implications. *Med Oncol*. 2022 May 15;39(5):91. doi: 10.1007/s12032-022-01693-0. PMID: 35568790.
- 32: Hussain Y, Abdullah, Alsharif KF, Aschner M, Theyab A, Khan F, **Saso L**, Khan H. Therapeutic Role of Carotenoids in Blood Cancer: Mechanistic Insights and Therapeutic Potential. *Nutrients*. 2022 May 6;14(9):1949. doi: 10.3390/nu14091949. PMID: 35565917; PMCID: PMC9104383.
- 33: Guin D, Yadav S, Singh P, Singh P, Thakran S, Kukal S, Kanojia N, Paul PR, Pattnaik B, Sardana V, Grover S, Hasija Y, **Saso L**, Agrawal A, Kukreti R. Human genetic factors associated with pneumonia risk, a cue for COVID-19 susceptibility. *Infect Genet Evol*. 2022 Aug;102:105299. doi: 10.1016/j.meegid.2022.105299. Epub 2022 May 8. PMID: 35545162; PMCID: PMC9080029.
- 34: Rodrigo R, Retamal C, Schupper D, Vergara-Hernández D, Saha S, Profumo E, Buttari B, **Saso L**. Antioxidant Cardioprotection against Reperfusion Injury: Potential Therapeutic Roles of Resveratrol and Quercetin. *Molecules*. 2022 Apr 15;27(8):2564. doi: 10.3390/molecules27082564. PMID: 35458766; PMCID: PMC9027566.
- 35: Mohi-Ud-Din R, Mir RH, Wani TU, Alsharif KF, Alam W, Albrakati A, **Saso L**, Khan H. The Regulation of Endoplasmic Reticulum Stress in Cancer: Special Focuses on Luteolin Patents. *Molecules*. 2022 Apr 12;27(8):2471. doi: 10.3390/molecules27082471. PMID: 35458669; PMCID: PMC9031790.
- 36: Zaki M, Loubidi M, Bilgiç T, Birim D, Akssira M, Dagcı T, Berteina-Raboin S, **Saso L**, Khouili M, Armagan G. Design, Synthesis, and Biological Evaluation of Novel Tomentosin Derivatives in NMDA-Induced Excitotoxicity. *Pharmaceuticals (Basel)*. 2022 Mar 30;15(4):421. doi: 10.3390/ph15040421. PMID: 35455419; PMCID: PMC9027110.
- 37: Gall Trošelj K, Tomljanović M, Jaganjac M, Matijević Glavan T, Čipak

- Gašparović A, Milković L, Borović Šunjić S, Buttari B, Profumo E, Saha S, Saso L, Žarković N. Oxidative Stress and Cancer Heterogeneity Orchestrate NRF2 Roles Relevant for Therapy Response. *Molecules*. 2022 Feb 22;27(5):1468. doi: 10.3390/molecules27051468. PMID: 35268568; PMCID: PMC8912061.
- 38: Panieri E, Baralic K, Djukic-Cosic D, Buha Djordjevic A, **Saso L**. PFAS Molecules: A Major Concern for the Human Health and the Environment. *Toxics*. 2022 Jan 18;10(2):44. doi: 10.3390/toxics10020044. PMID: 35202231; PMCID: PMC8878656.
- 39: Ahmed NS, Samec M, Liskova A, Kubatka P, **Saso L**. Tamoxifen and oxidative stress: an overlooked connection. *Discov Oncol*. 2021 May 27;12(1):17. doi: 10.1007/s12672-021-00411-y. PMID: 35201439; PMCID: PMC8777555.
- 40: Singh A, Kukreti R, **Saso L**, Kukreti S. Mechanistic Insight into Oxidative Stress-Triggered Signaling Pathways and Type 2 Diabetes. *Molecules*. 2022 Jan 30;27(3):950. doi: 10.3390/molecules27030950. PMID: 35164215; PMCID: PMC8840622.
- 41: Khan H, Alam W, Alsharif KF, Aschner M, Pervez S, **Saso L**. Alkaloids and Colon Cancer: Molecular Mechanisms and Therapeutic Implications for Cell Cycle Arrest. *Molecules*. 2022 Jan 28;27(3):920. doi: 10.3390/molecules27030920. PMID: 35164185; PMCID: PMC8838632.
- 42: **Saso L**, Chakrabarti S, Miller E. Pharmaceutical and Pharmacological Aspects of Modulation of Oxidative Stress 2020. *Oxid Med Cell Longev*. 2022 Jan 27;2022:9842198. doi: 10.1155/2022/9842198. PMID: 35154577; PMCID: PMC8825295.
- 43: Brizzolari A, Foti MC, **Saso L**, Ciuffreda P, Lazarević J, Santaniello E. Evaluation of the radical scavenging activity of some representative isoprenoid and aromatic cytokinin ribosides (N⁶-substituted adenosines) by *in vitro* chemical assays. *Nat Prod Res*. 2022 Dec;36(24):6443-6447. doi: 10.1080/14786419.2022.2037590. Epub 2022 Feb 7. PMID: 35130809.
- 44: Saha S, Buttari B, Profumo E, Tucci P, **Saso L**. A Perspective on Nrf2 Signaling Pathway for Neuroinflammation: A Potential Therapeutic Target in Alzheimer's and Parkinson's Diseases. *Front Cell Neurosci*. 2022 Jan 21;15:787258. doi: 10.3389/fncel.2021.787258. PMID: 35126058; PMCID: PMC8813964.
- 45: Davinelli S, **Saso L**, D'Angeli F, Calabrese V, Intrieri M, Scapagnini G. Astaxanthin as a Modulator of Nrf2, NF-κB, and Their Crosstalk: Molecular Mechanisms and Possible Clinical Applications. *Molecules*. 2022 Jan 14;27(2):502. doi: 10.3390/molecules27020502. PMID: 35056816; PMCID: PMC8779084.
- 46: Dimić DS, Kaluđerović GN, Avdović EH, Milenković DA, Živanović MN, Potočňák I, Samoľová E, Dimitrijević MS, **Saso L**, Marković ZS, Dimitrić Marković JM. Synthesis, Crystallographic, Quantum Chemical, Antitumor, and Molecular Docking/Dynamic Studies of 4-Hydroxycoumarin-Neurotransmitter Derivatives. *Int J Mol Sci*. 2022 Jan 17;23(2):1001. doi: 10.3390/ijms23021001. PMID: 35055194; PMCID: PMC8780855.
- 47: Shahcheraghi SH, Salemi F, Peirovi N, Ayatollahi J, Alam W, Khan H, **Saso L**. Nrf2 Regulation by Curcumin: Molecular Aspects for Therapeutic Prospects. *Molecules*. 2021 Dec 28;27(1):167. doi: 10.3390/molecules27010167. PMID: 35011412; PMCID: PMC8746993.
- 48: Mishra MK, Kukal S, Paul PR, Bora S, Singh A, Kukreti S, **Saso L**, Muthusamy K, Hasija Y, Kukreti R. Insights into Structural Modifications of Valproic Acid and Their Pharmacological Profile. *Molecules*. 2021 Dec 24;27(1):104. doi: 10.3390/molecules27010104. PMID: 35011339; PMCID: PMC8746633.
- 49: Talwar P, Kushwaha S, Rawat C, Kaur H, Srivastava A, Agarwal R, Chandna P, Tucci P, **Saso L**, Kukreti R. Validating a Genomic Convergence and Network Analysis Approach Using Association Analysis of Identified Candidate Genes in Alzheimer's Disease. *Front Genet*. 2021 Dec 9;12:722221. doi: 10.3389/fgene.2021.722221. PMID: 34956307; PMCID: PMC8696000.
- 50: Seminotti B, Grings M, Tucci P, Leipnitz G, **Saso L**. Nuclear Factor Erythroid-2-Related Factor 2 Signaling in the Neuropathophysiology of Inherited Metabolic Disorders. *Front Cell Neurosci*. 2021 Nov 26;15:785057. doi: 10.3389/fncel.2021.785057. PMID: 34955754; PMCID: PMC8693715.
- 51: Ghareghomi S, Rahban M, Moosavi-Movahedi Z, Habibi-Rezaei M, **Saso L**, Moosavi-Movahedi AA. The Potential Role of Curcumin in Modulating the Master

- Antioxidant Pathway in Diabetic Hypoxia-Induced Complications. *Molecules*. 2021 Dec 17;26(24):7658. doi: 10.3390/molecules26247658. PMID: 34946740; PMCID: PMC8706440.
- 52: Costa M, Sezgin-Bayindir Z, Losada-Barreiro S, Paiva-Martins F, **Saso L**, Bravo-Díaz C. Polyphenols as Antioxidants for Extending Food Shelf-Life and in the Prevention of Health Diseases: Encapsulation and Interfacial Phenomena. *Biomedicines*. 2021 Dec 14;9(12):1909. doi: 10.3390/biomedicines9121909. PMID: 34944722; PMCID: PMC8698762.
- 53: Banerjee A, Kanwar M, Das Mohapatra PK, **Saso L**, Nicoletti M, Maiti S. Nigellidine (<i>Nigella sativa</i>, black-cumin seed) docking to SARS CoV-2 nsp3 and host inflammatory proteins may inhibit viral replication/transcription and FAS-TNF death signal via TNFR 1/2 blocking. *Nat Prod Res*. 2022 Nov;36(22):5817-5822. doi: 10.1080/14786419.2021.2018430. Epub 2021 Dec 22. PMID: 34937447.
- 54: Matlin SA, Karadag O, Brando CR, Góis P, Karabey S, Khan MMH, Saleh S, Takian A, **Saso L**. COVID-19: Marking the Gaps in Migrant and Refugee Health in Some Massive Migration Areas. *Int J Environ Res Public Health*. 2021 Nov 30;18(23):12639. doi: 10.3390/ijerph182312639. PMID: 34886367; PMCID: PMC8657173.
- 55: Rahman N, Khan H, Zia A, Khan A, Fakhri S, Aschner M, Gul K, **Saso L**. Bcl-2 Modulation in p53 Signaling Pathway by Flavonoids: A Potential Strategy towards the Treatment of Cancer. *Int J Mol Sci*. 2021 Oct 20;22(21):11315. doi: 10.3390/ijms222111315. PMID: 34768743; PMCID: PMC8582810.
- 56: Bisenieks E, Vigante B, Petrovska R, Turovska B, Muhamadejev R, Soloduns V, Velena A, Pajuste K, **Saso L**, Klovins J, Duburs G, Mandriks I. The Specificity and Broad Multitarget Properties of Ligands for the Free Fatty Acid Receptors FFA3/GPR41 and FFA2/GPR43 and the Related Hydroxycarboxylic Acid Receptor HCA2/GPR109A. *Pharmaceuticals (Basel)*. 2021 Sep 28;14(10):987. doi: 10.3390/ph14100987. PMID: 34681211; PMCID: PMC8537386.
- 57: Kukal S, Guin D, Rawat C, Bora S, Mishra MK, Sharma P, Paul PR, Kanojia N, Grewal GK, Kukreti S, **Saso L**, Kukreti R. Multidrug efflux transporter ABCG2: expression and regulation. *Cell Mol Life Sci*. 2021 Nov;78(21-22):6887-6939. doi: 10.1007/s00018-021-03901-y. Epub 2021 Sep 29. PMID: 34586444.
- 58: Marjanovic A, Djedjibegovic J, Lugusic A, Sober M, **Saso L**. Multivariate analysis of polyphenolic content and in vitro antioxidant capacity of wild and cultivated berries from Bosnia and Herzegovina. *Sci Rep*. 2021 Sep 28;11(1):19259. doi: 10.1038/s41598-021-98896-8. PMID: 34584202; PMCID: PMC8478928.
- 59: Rodrigo R, Prieto JC, Aguayo R, Ramos C, Puentes Á, Gajardo A, Panieri E, Rojas-Solé C, Lillo-Moya J, **Saso L**. Joint Cardioprotective Effect of Vitamin C and Other Antioxidants against Reperfusion Injury in Patients with Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. *Molecules*. 2021 Sep 21;26(18):5702. doi: 10.3390/molecules26185702. PMID: 34577176; PMCID: PMC8468345.
- 60: Pierzynowska K, Gaffke L, Cyske Z, Węgrzyn G, Buttari B, Profumo E, **Saso L**. Oxidative Stress in Mucopolysaccharidoses: Pharmacological Implications. *Molecules*. 2021 Sep 16;26(18):5616. doi: 10.3390/molecules26185616. PMID: 34577086; PMCID: PMC8468662.
- 61: Tber Z, Loubidi M, Jouha J, Hdoufane I, Erdogan MA, **Saso L**, Armagan G, Berteina-Raboin S. Pyrido[2',1':2,3]imidazo[4,5-*c*]isoquinolin-5-amines as Potential Cytotoxic Agents against Human Neuroblastoma. *Pharmaceuticals (Basel)*. 2021 Jul 30;14(8):750. doi: 10.3390/ph14080750. PMID: 34451847; PMCID: PMC8399734.
- 62: Koklesova L, Liskova A, Samec M, Zhai K, Al-Ishaq RK, Bugos O, Šudomová M, Biringier K, Pec M, Adamkov M, Hassan STS, **Saso L**, Giordano FA, Büsselberg D, Kubatka P, Golubnitschaja O. Protective Effects of Flavonoids Against Mitochondriopathies and Associated Pathologies: Focus on the Predictive Approach and Personalized Prevention. *Int J Mol Sci*. 2021 Aug 11;22(16):8649. doi: 10.3390/ijms22168649. PMID: 34445360; PMCID: PMC8395457.
- 63: Farina M, Vieira LE, Buttari B, Profumo E, **Saso L**. The Nrf2 Pathway in Ischemic Stroke: A Review. *Molecules*. 2021 Aug 18;26(16):5001. doi:

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64: Kumar A, Kaushik P, Incerpi S, Pedersen JZ, Goel S, Prasad AK, Rohil V, Parmar VS, **Saso L**, Len C. Evaluation of the Free Radical Scavenging Activities of Ellagic Acid and Ellagic Acid Peracetate by EPR Spectrometry. *Molecules*. 2021 Aug 8;26(16):4800. doi: 10.3390/molecules26164800. PMID: 34443388; PMCID: PMC8399592.

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66: Todorov L, **Saso L**, Benarous K, Traykova M, Linani A, Kostova I. Synthesis, Structure and Impact of 5-Aminoorotic Acid and Its Complexes with Lanthanum(III) and Gallium(III) on the Activity of Xanthine Oxidase. *Molecules*. 2021 Jul 26;26(15):4503. doi: 10.3390/molecules26154503. PMID: 34361656; PMCID: PMC8348579.

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