**Supplementary Table S1.**

Details of the proteomics studies excluded from the systematic review.

|  |  |  |
| --- | --- | --- |
| First author,Year | Exclusion ground | Reference |
| Côrte-Real, B.F. 2023 | No anaphylaxisNo proteome | (1) |
| Packi, K.2023 | No anaphylaxis | (2) |
| Xu, L.2022 | No anaphylaxis | (3) |
| Rujitharanawong, C.2022 | No proteome | (4) |
| Hadadianpour, A.2022 | No anaphylaxisNo proteome | (5) |
| Radzikowska, U.2022 | Review paper | (6) |
| Nejabat, S.2022 | No anaphylaxisNo proteome | (7) |
| Kiweler, N.2022 | No anaphylaxisNo proteome | (8) |
| Gabler, A.M.2022 | No proteome | (9) |
| Graham, R.L.J.2022 | Only mastocytosis | (10) |
| Jeong, K.Y.2022 | No anaphylaxisNo proteome | (11) |
| Fiocchi, A.2021 | Review paper | (12) |
| Simionescu, A.A.2021 | No proteome | (13) |
| Zuberbier, T.2022 | No anaphylaxisNo proteome | (14) |
| Nuñez-Borque, E.2021 | No proteome | (15) |
| Moreno-Indias, I.2021 | Review paper | (16) |
| Czolk, R.2021 | Review paper | (17) |
| Jappe, U.2021 | No anaphylaxisNo proteome | (18) |
| AhYoung, A.P.2020 | No proteome | (19) |
| Grosch, J.2020 | No anaphylaxisNo proteome | (20) |
| Mendoza-Porras, O.2020 | No anaphylaxisNo proteome | (21) |
| Cossarizza, A.2019 | Review paper | (22) |
| Ashtari, S. 2019 | Review paper | (23) |
| Altenbach, S.B.2018 | No anaphylaxisNo proteome | (24) |
| Ponce, M.2019 | No anaphylaxisNo proteome | (25) |
| Srisong, H.2018 | No anaphylaxisNo proteome | (26) |
| Cardona, E.E.G.2018 | No anaphylaxisNo proteome | (27) |
| Wanandy, T.2018 | No anaphylaxisNo proteome | (28) |
| Cho, K.2018 | No anaphylaxisNo proteome | (29) |
| Somiya, M.2018 | No anaphylaxisNo proteome | (30) |
| Mateos-Hernández, L.2017 | No proteome | (31) |
| Wittenberg, M.2017 | No proteome | (32) |
| Xu, Y.2017 | No anaphylaxisNo proteome | (33) |
| Brandström, J.2017 | No anaphylaxis | (34) |
| Srisong, H.2016 | Review paper | (35) |
| Bateman, D.N.2015 | No proteome | (36) |
| Vidal, C.2015 | No proteome | (37) |
| Perez-Riverol, A.2015 | No anaphylaxisNo proteome | (38) |
| Fekecsová, S.2015 | No anaphylaxisNo proteome | (39) |
| Leung, P.S.2014 | Review paper | (40) |
| Sookrung, N.2014 | No anaphylaxisNo proteome | (41) |
| Nakamura, R.2013 | No anaphylaxisNo proteomeNo English language | (42) |
| Barbarroja-Escudero, J.2014  | No proteome | (43) |
| Uvackova, L.2013 | No anaphylaxisNo proteome | (44) |
| Kumar, S.2013 | No anaphylaxisNo proteome | (45) |
| Blank, S.2012 | No anaphylaxisNo proteome | (46) |
| Altenbach, S.B.2011 | No anaphylaxisNo proteome | (47) |
| Yamasaki, A.2010 | No anaphylaxisNo proteome | (48) |
| Dharajiya, N.2010 | No proteome | (49) |
| Stevenson, S.E.2009 | No anaphylaxisNo proteome | (50) |
| Hoffman, D.R.2008 | Review paper | (51) |
| Ou, K.2001 | No proteome | (52) |

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