

Advancing autoimmune research with Thermo Scientific™ Mass Spectrometry

Lupus

[Comparative proteomics analysis of plasma protein in patients with neuropsychiatric systemic lupus erythematosus](#)

Chen Chen, Linyu Geng, Xue Xu, Wei Kong, Yayi Hou, Genhong Yao, Xuebing Feng, Huayong Zhang, Jun Liang

Ann Transl Med. 2020 May;8(9):579. doi: 10.21037/atm.2020.04.58.

[Serum proteome and metabolome uncover novel biomarkers for the assessment of disease activity and diagnosing of systemic lupus erythematosus](#)

Jingquan He, Donger Tang, Dongzhou Liu, Xiaoping Hong, Chiyu Ma, Fengping Zheng, Zhipeng Zeng, Yumei Chen, Jie Du, Lin Kang, Lianghong Yin, Qianjin Lu, Yong Dai

Clin Immunol. 2023 Jun;251.

Encephalomyelitis

[Quantitative proteome Analysis of brain subregions and spinal cord from experimental autoimmune encephalomyelitis mice by TMT-based mass spectrometry](#)

Mahbub Hasan, Hophil Min, Khandoker Asiqur Rahaman, Anca Raluca Muresan, Hyeyoon Kim, Dohyun Han, Oh-Seung Kwon

Proteomics. 2019 Mar;19(5)

Rheumatoid Arthritis

[LC-MS-based serum metabolomics reveals a distinctive signature in patients with rheumatoid arthritis](#)

Ju Li, Nan Che, Lingxiao Xu, Qian Zhang, Qi Wang, Wenfeng Tan, Miaojia Zhang

Clin Rheumatol. 2018 Jun;37(6):1493-1502.

[Identification and evaluation of serum protein biomarkers that differentiate psoriatic arthritis from rheumatoid arthritis](#)

Angela Mc Ardle, Anna Kwasnik, Agnes Szentpetery, Belinda Hernandez, Andrew Parnell, Wilco de Jager, Sytze de Roock, Oliver FitzGerald, Stephen R Pennington

Arthritis Rheumatol. 2022 Jan;74(1):81-91.

Chron's Disease

[Proteomic analysis-based discovery of a novel biomarker that differentiates intestinal behçet's disease from crohn's disease](#)

Jihye Park, Daeun Jeong, Youn Wook Chung, Seunghan Han, Da Hye Kim, Jongwook Yu, Jae Hee Cheon & Ji-Hwan Ryu

Scientific Reports volume 11, Article number: 11019 (2021)

Type 1 Diabetes

[Glycated plasma proteins as more sensitive markers for glycemic control in type 1 diabetes](#)

Lina Zhang and Qibin Zhang

Proteomics Clin Appl. 2020 Mar;14(2)

[Pancreatic tissue proteomics unveils key proteins, pathways, and networks associated with type 1 diabetes](#)

Jongmin Woo, Putty-Reddy Sudhir, Qibin Zhang

Proteomics Clin Appl. 2020 Oct 14;14(6)

Sjögren's Disease

[Proteomics of saliva, plasma, and salivary gland tissue in Sjögren's syndrome and non-Sjögren patients identify novel biomarker candidates](#)

Maria L Sembler-Møller, Daniel Belstrøm, Henning Loch, Anne Marie L Pedersen

J Proteomics. 2020 Aug 15:225

[Proteomics analysis of tears and saliva from sjogren's syndrome patients](#)

Nabangshu Das, Nikhil G Menon, Luiz G N de Almeida, Paige S Woods, Miriam L Heynen, Gregory D Jay, Barbara Caffery, Lyndon Jones, Roman Krawetz, Tannin A Schmidt, Antoine Dufour

Front Pharmacol. 2021 Dec 7:12:787193

Multiple Sclerosis

[Development of robust targeted proteomics assays for cerebrospinal fluid biomarkers in multiple sclerosis](#)

Astrid Guldbrandsen, Ragnhild Reehorst Lereim, Mari Jacobsen, Hilde Garberg, Ann Cathrine Kroksveen, Harald Barsnes & Frode S. Berven

Clin Proteomics. 2020 Sep 18:17:33

Review

[Multiple sclerosis biomarker discoveries by proteomics and metabolomics approaches](#)

Ameneh Jafari, Amirhesam Babajani, Mostafa Rezaei-Tavirani

Biomark Insights. 2021 May 6:16

[Proteomics in multiple sclerosis: The perspective of the clinician](#)

Dániel Sandi, Zsófia Kokas, Tamás Biernacki, Krisztina Bencsik, Péter Klivényi, László Vécsei

Int J Mol Sci. 2022 May 5;23(9):5162