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Specialized pro-resolving lipid mediators are differentially altered in peripheral blood of patients with multiple sclerosis and attenuate monocyte and blood-brain barrier dysfunction

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Disclosures: CNS is an inventor on patents [resolvins, protectins and maresins] assigned to B.W.H. and licensed for clinical development.

Contributions: VC, CNS and GK designed the study; VC, GK, CDT, AL and SL conducted experiments, acquired and analyzed data; PN and IR conducted metabololipidomics analyses and PCA analysis; MA, SR, CG, GG, NBM, FB and DC provided blood samples of healthy donors and MS patients; SVDP, BVHH, YS helped collecting data; VC, GK, LB, HEV and CNS provided reagents; LB and HEV provided scientific suggestions; VC, GK and CDT wrote the manuscript; CNS revised the manuscript.