Analyst



ARTICLE

Supplement figure legends

Supplementary figure 1. Relative intensities of metabolic signatures in sera of stroke risk patients and control subjects.

Relative intensities of significant compounds related to biosynthesis of amino acid, neurotransmitter, TCA cycle, purine metabolism and lipid metabolism pathways among stroke risk sera and control sera based on FC > 2 along with VIP = 1.5, and q-value < 0.05. Stroke represents stroke risk patients. ***p \leq 0.001; **p \leq 0.01; *p \leq 0.05; per student's t-test.

Supplement Fig. 1



Supplement tables

Supplementary table 1. Multiple reaction monitoring conditions of each analytes in positive ionization mode.

Compound	Precursor ion	Product ion	Collision energy (eV)	Retention time (min)
N-Acetylserotonin	219.0	160.1	20	3.23
Serotonin	177.0	160.1	10	1.2
L-tryptophan	205.0	187.9	10	2.8
3-Methoxytyramine	168.1	151.0	5	1.5
Methionine	150.1	104.1	5	0.8
L-Homocysteine sulfinic acid	168.1	122.1	5	0.65
L-cysteine	122.0	105.1	10	0.65
L-Cysteine sulfinic acid	154.0	135.9	10	0.64
Isoleucine	132.1	86.0	10	0.97
L-valine	118.0	72.0	10	0.72
Lysine	147.1	84.0	20	0.59
Carnitine	162.0	60.0	10	0.66
L-arginine	175.0	70.0	20	0.62
N-Acetylaspartate	176.1	134.0	5	1.0
Linoleic acid	280.1	123.1	15	11.7
Sphingosine	300.2	282.2	5	14.0