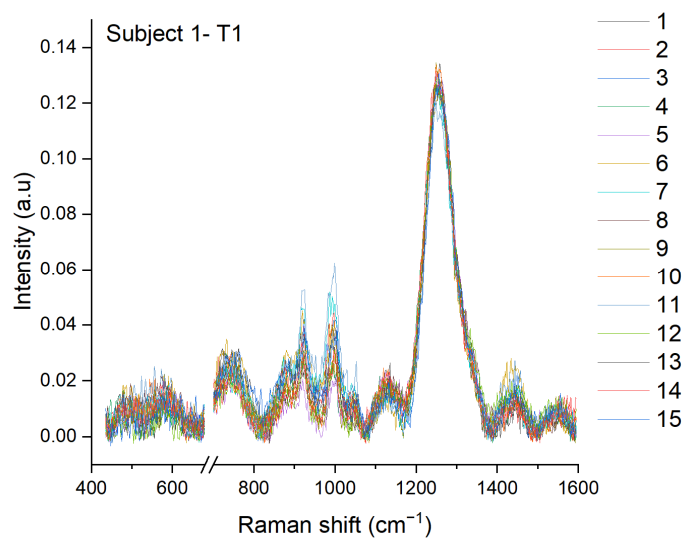
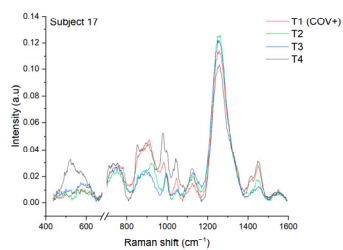
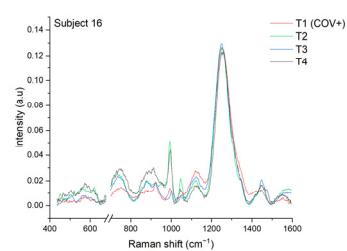
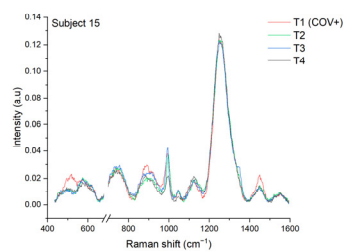
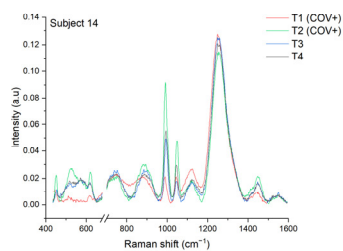
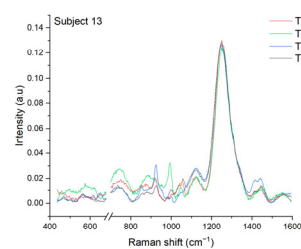
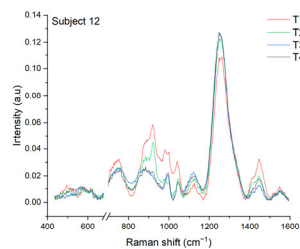
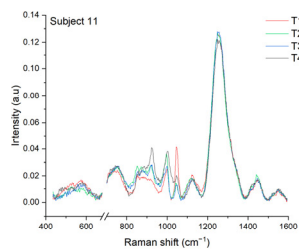
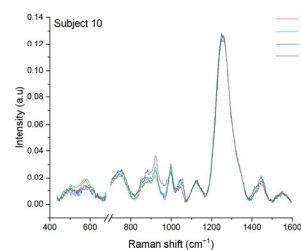
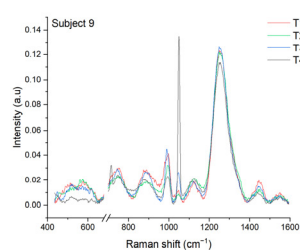
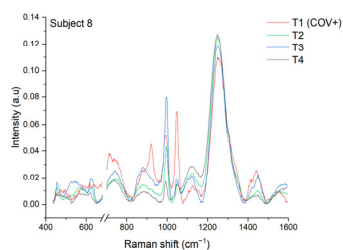
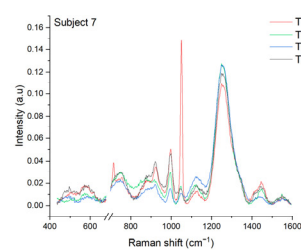
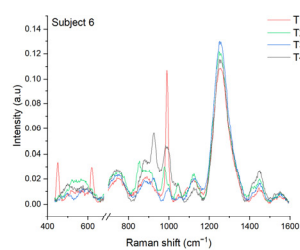
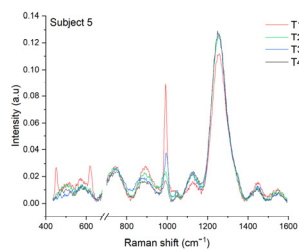
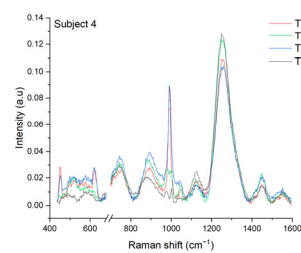
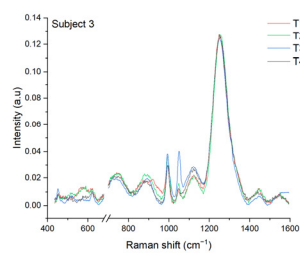
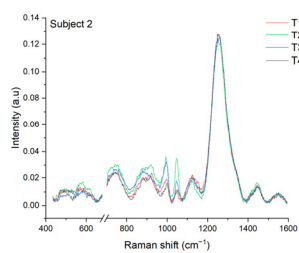


**SUPPLEMENTARY MATERIALS - *Molecular understanding of the Surface-Enhanced Raman Spectroscopy salivary fingerprint in people after Sars-CoV-2 infection and in vaccinated subjects***

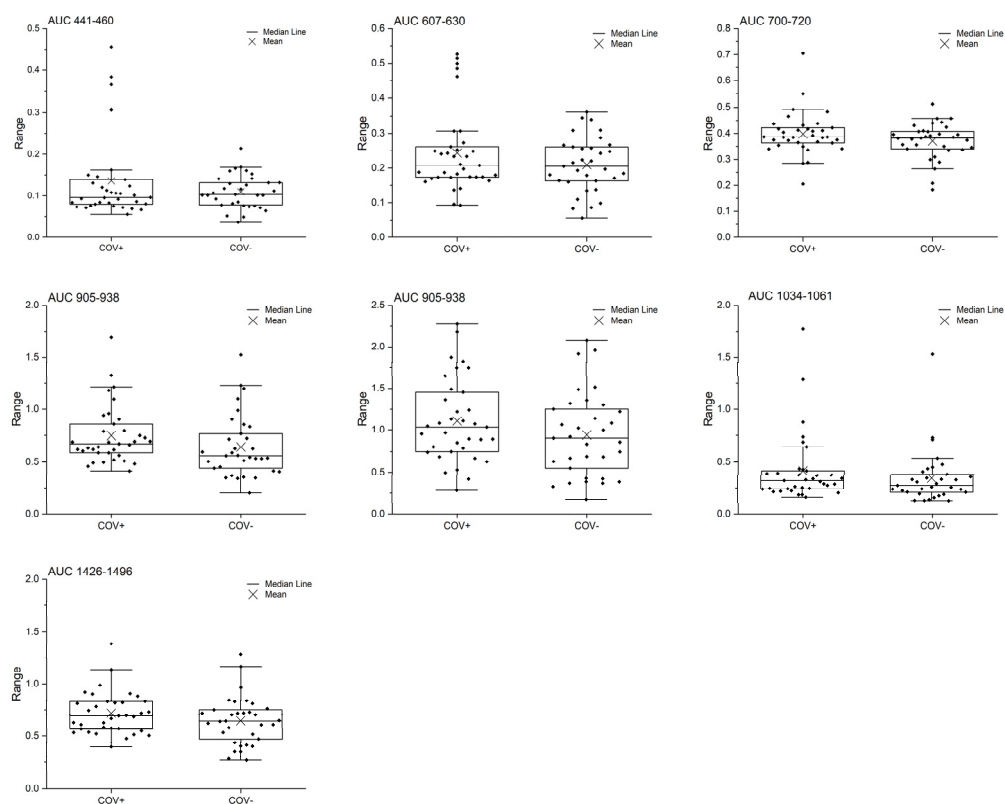
**Figure S1.** 15 spectra of Subject 1 at timepoint 1



**Figure S2.** Overlapping of the average spectra for the four timepoints for each subject.



**Figure S3.** Comparison of areas under the curve between COV+ and COV- saliva samples. 441-460, 607-630, 700-720, 905-938, 967-1021, 1034-1061, 1426-1496  $\text{cm}^{-1}$  are the spectral regions under considerations.



**Table S1.** Level of salivary cortisol (ng/ml) in the enrolled groups. a) Group1: subjects #1 to 17 at four timepoints (T1,T2,T3,T4). b) Group 2: subjects to #18 to 38 at Tv1 (one month after the second vaccine)

<b>Subject 1</b>	<b>ng/ml</b>	<b>Subject 2</b>	<b>ng/ml</b>	<b>Subject 3</b>	<b>ng/ml</b>	<b>Subject 4</b>	<b>ng/ml</b>	<b>Subject 5</b>	<b>ng/ml</b>
T1	0	T1	3.02	T1	19.03	T1	4.20	T1	3.01
T2	0.54	T2	1.79	T2	4.50	T2	10.37	T2	3.90
T3	0.59	T3	2.87	T3	11.96	T3	5.27	T3	1.27
T4	0.83	T4	4.83	T4	5.07	T4	12.87	T4	0.81

<b>Subject 6</b>	<b>ng/ml</b>	<b>Subject 7</b>	<b>ng/ml</b>	<b>Subject 8</b>	<b>ng/ml</b>	<b>Subject 9</b>	<b>ng/ml</b>	<b>Subject 10</b>	<b>ng/ml</b>
T1	2.80	T1	2.12	T1	18.23	T1	2.43	T1	1.61
T2	3.27	T2	0.72	T2	18.08	T2	5.63	T2	0.86
T3	2.50	T3	4.9	T3	7.14	T3	3.35	T3	1.04
T4	0.83	T4	4.05	T4	8.00	T4	1.44	T4	1.46

<b>Subject 11</b>	<b>ng/ml</b>	<b>Subject 12</b>	<b>ng/ml</b>	<b>Subject 13</b>	<b>ng/ml</b>	<b>Subject 14</b>	<b>ng/ml</b>	<b>Subject 15</b>	<b>ng/ml</b>
T1	2.34	T1	5.34	T1	1.09	T1	0.88	T1	2.56
T2	7.0	T2	3.83	T2	1.38	T2	1.33	T2	3.35
T3	2.94	T3	2.23	T3	0.78	T3	2.17	T3	0.00
T4	4.46	T4	1.84	T4	0.05	T4	1.52	T4	0.00

<b>Subject 16</b>	<b>ng/ml</b>	<b>Subject 17</b>	<b>ng/ml</b>
T1	105.18	T1	1.75
T2	0.49	T2	0.00
T3	0.83	T3	2.66
T4	1.78	T4	4.83

b)

Subject	ng/ml
18	1.55
19	1.26
20	2.92
21	5.03
22	1.63
23	2.20
24	1.26
25	12.23
26	8.19
27	5.74
28	3.11

Subject	ng/ml
29	2.80
30	4.20
31	4.30
32	1.26
33	9.17
34	10.39
35	6.36
36	10.83
37	4.00
38	1.67

**Table S2.** IgA and IgG levels in saliva and serum samples.

Subject	IgA saliva (U/mL)	IgA serum (U/mL)	IgG serum (AU/mL)
18	258.74	32636.79	270.17
19	552.42	13141.39	434
20	408.46	3325.97	104.87
21	387.42	19128.4	434
22	872.15	85462.27	157.05

24	368.27	55622.11	434
25	196.3	44370.14	434
26	490.68	72831.02	404.39
27	639.9	42926.03	181.71
28	676.31	108813.3	278.8
29	820.02	56885.71	212.43
30	410.31	806.33	189.89
32	0	0	37.18
33	185.26	18436.44	170.8
34	121.79	528.14	434
35	203.9	72379.74	339.77
36	311.02	93680.27	265.9
37	693.07	0	113.98
38	269.26	19339	434