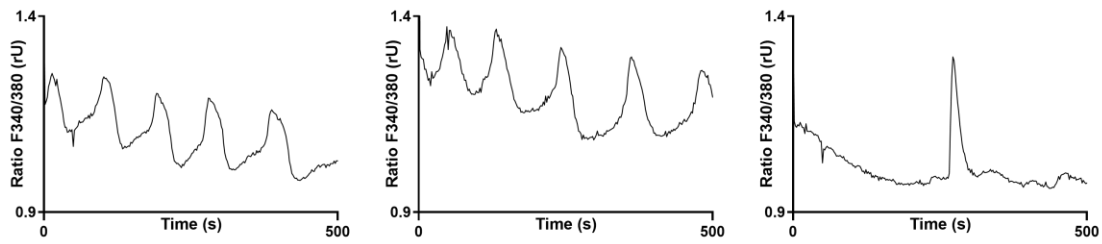
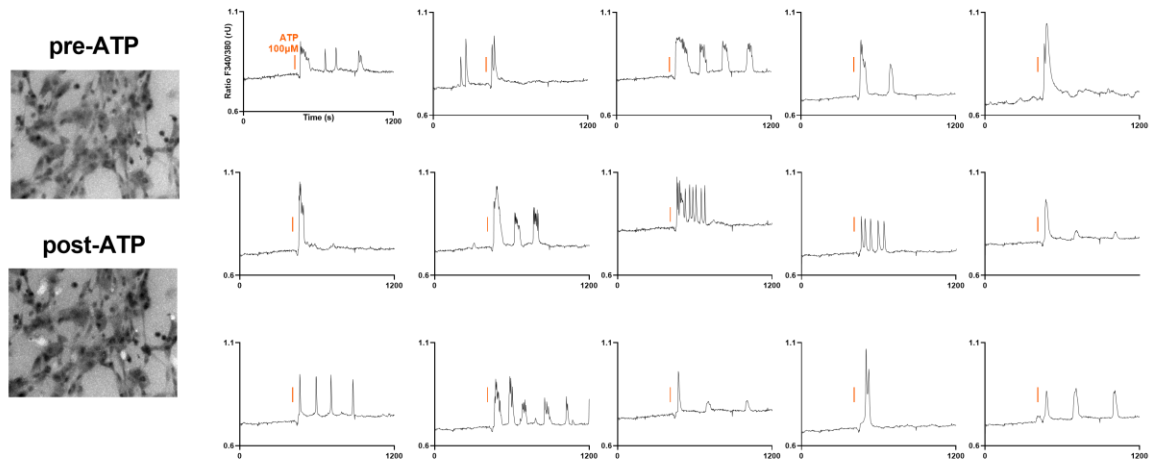


**Figure S1. Significant correlations between depression severity and biological findings.** Graphs represent Spearman correlation between respiratory data in the patients with MDD cohort ( $n = 16$ ) and a simple linear regression. P-values are presented in Table S2.

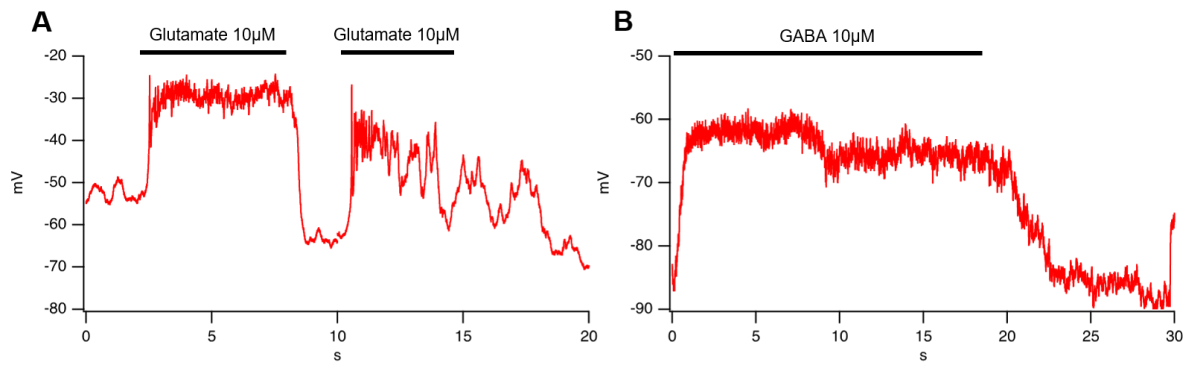
### Spontaneous Ca<sup>2+</sup> transients



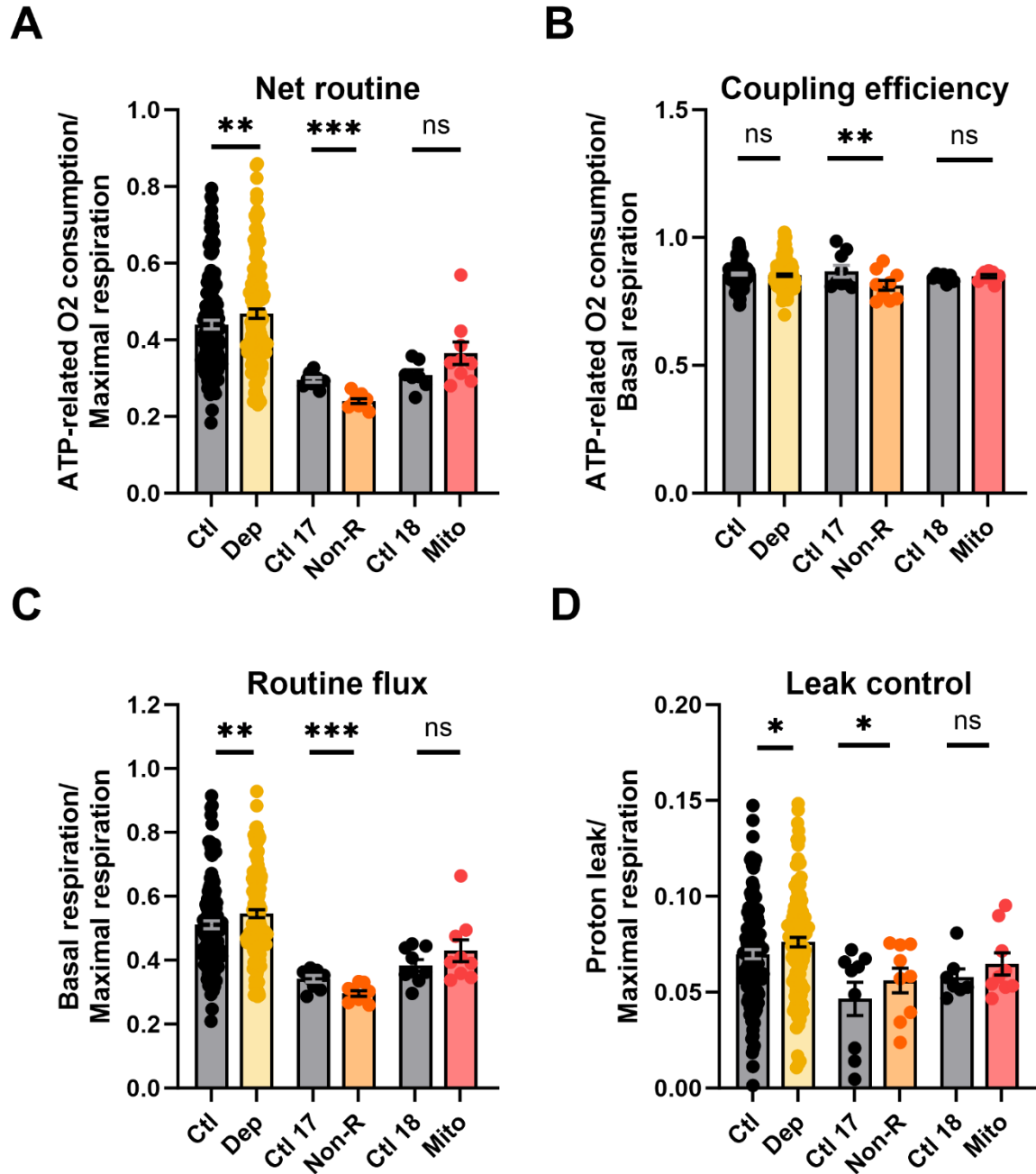
### ATP-responsive Ca<sup>2+</sup> transients



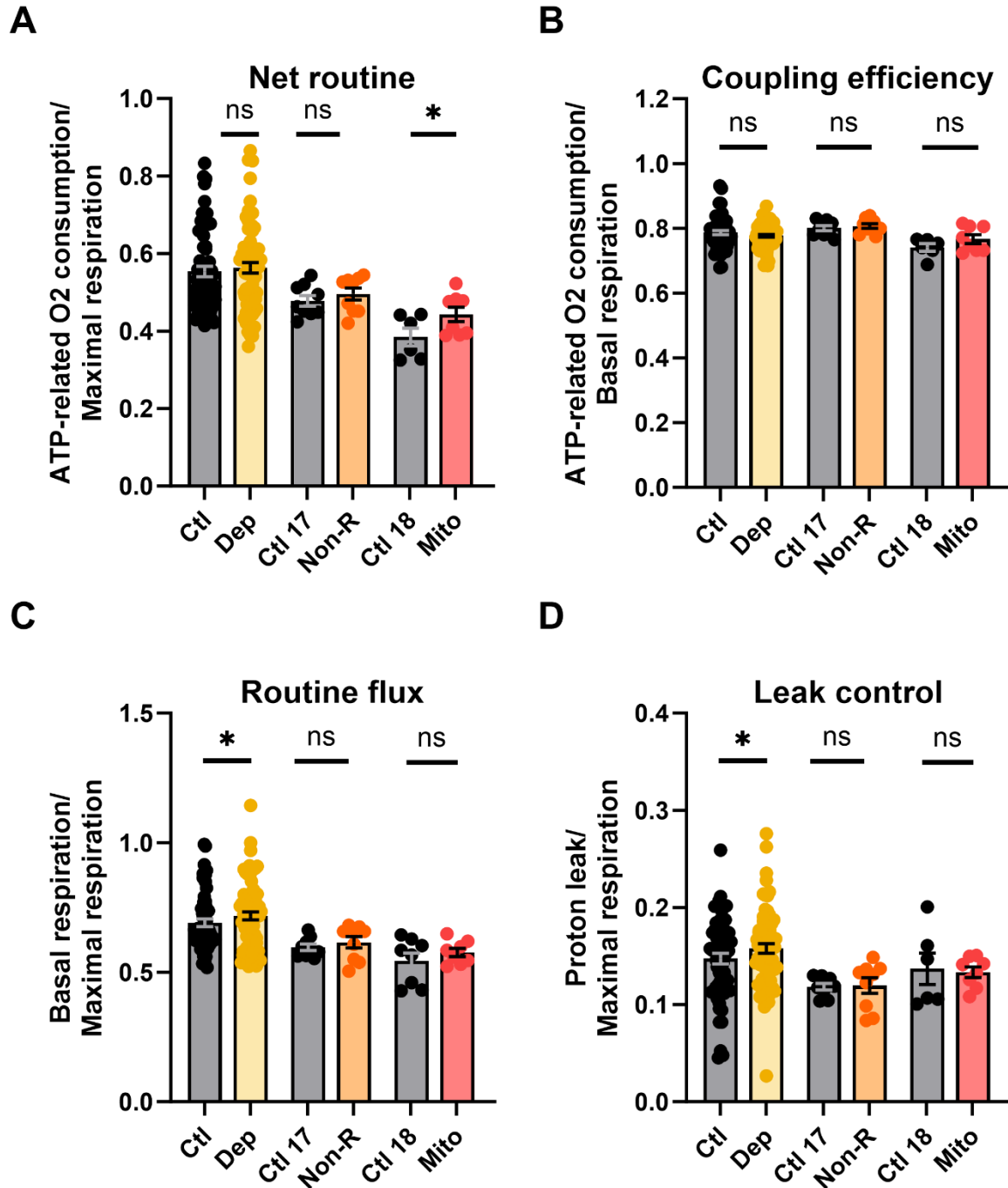
**Figure S2. Calcium transients in astrocytes.** Example spontaneous calcium transients in astrocytes loaded with Fura-2/AM. Curves show Fura ratio F340/380 nm in relative units (up). Example ATP-responsive calcium transients in astrocytes loaded with Fura-2/AM. ATP was added to a final concentration of 100μM. On the left, example Fura ratio images showing brighter cells post-ATP. Curves show Fura ratio F340/380 nm in relative units (down)



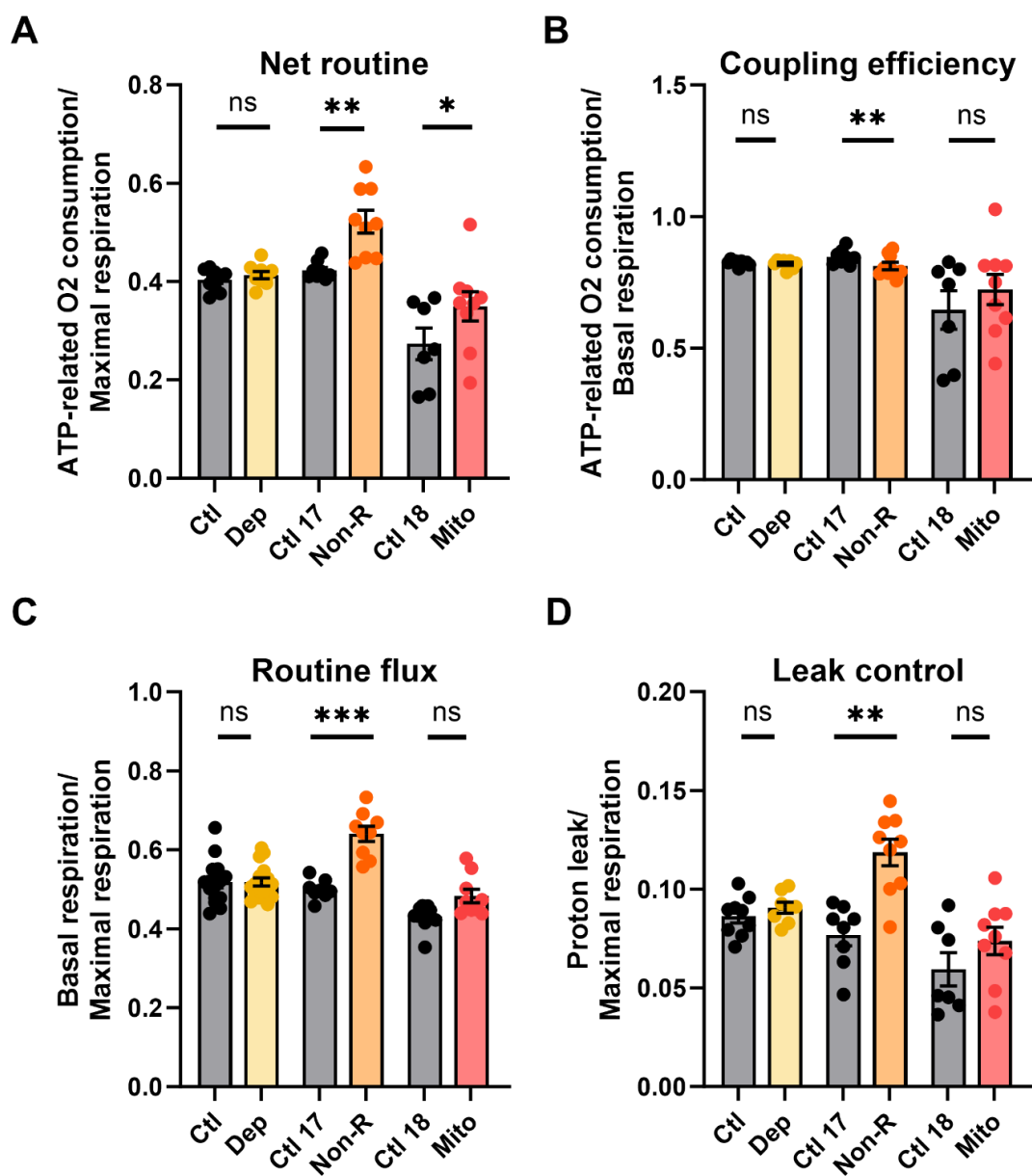
**Figure S3. Glutamate and GABA response in current-clamp.** Neurons were recorded in whole-cell patch clamp, in current clamp mode without injection of current. Membrane potential was measured while applying 10  $\mu$ M glutamate (**A**) or  $\gamma$ -Aminobutyric acid (GABA) (**B**) using a micro-perfusion system. Bars represent application duration. Note that the direction of GABA response results from a symmetrical chloride concentration in the bath and pipette solutions.



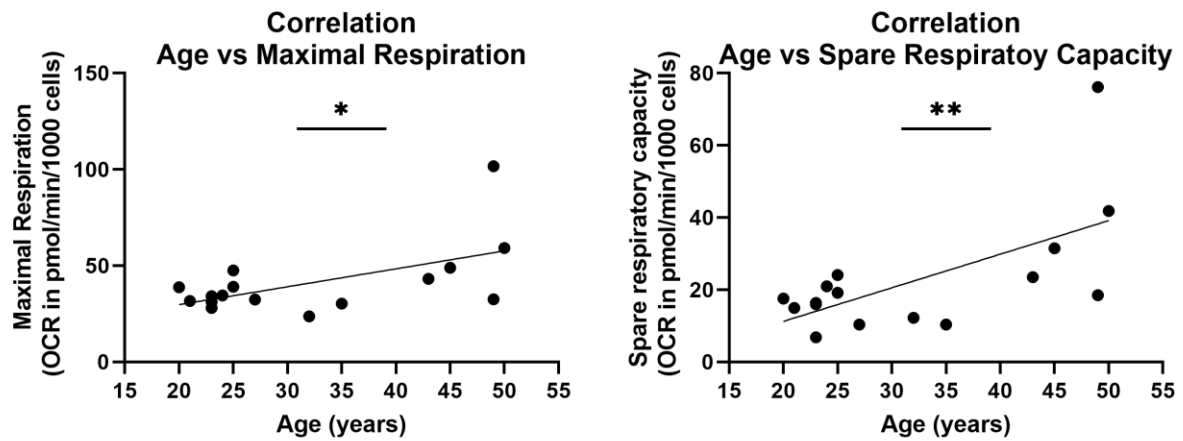
**Figure S4. Mitochondrial flux ratios in fibroblasts.** (A) **Net routine** is the ratio between ATP-related O<sub>2</sub> consumption and maximal respiration (B) **Coupling efficiency** is the ration between ATP-related O<sub>2</sub> consumption and basal respiration (C) **Routine flux** is the ratio between basal and maximal respiration (D) **Leak control** is the ratio between proton leak and maximal respiration. Dot plots show the respective ratios  $\pm$  SEM Ctl: non-depressed controls cohort; MDD: major depressive disorder cohort; Ctl 17 and Ctl 18: non-depressed controls; Non-R: non-responder patient; Mito: mitochondriopathy patient. All data were analyzed with paired t-test, significant differences were indicated with \* ( $p < 0.05$ ), \*\* ( $p < 0.005$ ), \*\*\* ( $p < 0.0005$ )



**Figure S5. Mitochondrial flux ratios in NPCs.** (A) **Net routine** is the ratio between ATP-related O<sub>2</sub> consumption and maximal respiration (B) **Coupling efficiency** is the ration between ATP-related O<sub>2</sub> consumption and basal respiration (C) **Routine flux** is the ratio between basal and maximal respiration (D) **Leak control** is the ratio between proton leak and maximal respiration. Dot plots show the respective ratios  $\pm$  SEM Ctl: non-depressed controls cohort; MDD: major depressive disorder cohort; Ctl 17 and Ctl 18: non-depressed controls; Non-R: non-responder patient; Mito: mitochondriopathy patient. All data were analyzed with paired t-test, significant differences were indicated with \* ( $p < 0.05$ ), \*\* ( $p < 0.005$ ), \*\*\* ( $p < 0.0005$ )



**Figure S6. Mitochondrial flux ratios in astrocytes.** (A) **Net routine** is the ratio between ATP-related O<sub>2</sub> consumption and maximal respiration (B) **Coupling efficiency** is the ration between ATP-related O<sub>2</sub> consumption and basal respiration (C) **Routine flux** is the ratio between basal and maximal respiration (D) **Leak control** is the ratio between proton leak and maximal respiration. Dot plots show the respective ratios  $\pm$  SEM Ctl: non-depressed controls cohort; MDD: major depressive disorder cohort; Ctl 17 and Ctl 18: non-depressed controls; Non-R: non-responder patient; Mito: mitochondriopathy patient. All data were analyzed with paired t-test, significant differences were indicated with \* ( $p < 0.05$ ), \*\* ( $p < 0.005$ ), \*\*\* ( $p < 0.0005$ )



**Figure S7. Correlation between age and mitochondrial respiration.** Graphs represent Pearson correlation between respiratory data in the non-depressed control cohort ( $n = 16$ ) and a simple linear regression. Maximal respiration vs age  $p = 0.0223$ , Spare Respiratory Capacity vs age  $p = 0.0093$ .

Each dot on the graphs represents an individual. Significant differences were indicated with \* ( $p < 0.05$ ).

**Table S1. Mitochondrial bioenergetics in fibroblasts**

	Ctl	MDD	Ctl 17	Non-R	Ctl 18	Mito
<b>Basal respiration</b> (pmol/min/1000 cells)	18.45±0.47 n=140	15.81±0.41 n=140	15.17±0.54 n=9	19.81±1.04 n=9	15.20±0.58 n=9	13.69±0.75 n=9
	p<0.0001		p=0.039		p=0.1393	
<b>Maximal respiration</b> (pmol/min/1000 cells)	36.28±1.11 n=140	29.57±0.82 n=140	44.46±1.26 n=9	67.34±3.77 n=9	40.20±2.17 n=9	32.36±1.17 n=9
	p<0.0001		p=0.0006		p=0.0053	
<b>Proton leak</b> (pmol/min/1000 cells)	2.65±0.10 n=140	2.34±0.09 n=140	2.07±0.39 n=9	3.67±0.38 n=9	2.43±0.14 n=9	2.07±0.15 n=9
	p=0.0014		p=0.0004		p=0.1125	
<b>ATP-related O<sub>2</sub> consumption</b> (pmol/min/1000 cells)	15.77±0.41 n=140	13.25±0.31 n=140	13.10±0.31 n=9	16.14±0.98 n=9	12.98±0.60 n=9	11.62±0.63 n=9
	p<0.0001		p=0.0178		p=0.0486	
<b>Spare respiratory capacity</b> (pmol/min/1000 cells)	19.09±0.94 n=140	13.93±0.65 n=140	29.29±1.05 n=9	47.52±2.96 n=9	25.00±1.91 n=9	18.67±1.55 n=9
	p<0.0001		p=0.0004		p=0.0035	
<b>Non-mito. O<sub>2</sub> consumption</b> (pmol/min/1000 cells)	9.54±0.38 n=140	7.93±0.28 n=140	7.06±0.21 n=9	8.61±0.99 n=9	7.46±0.24 n=9	6.57±0.26 n=9
	p<0.0001		p=0.1418		p=0.0315	
<b>ATP content</b> (nM/μg/mL)			29.98±2.78 n=8	26.44±4.34 n=8	21.82±1.03 n=6	17.95±1.81 n=6
			p=0.5998		p=0.0895	
<b>NAD/NADH</b> (ratio)			7.89±0.80 n=9	7.15±0.95 n=8	7.37±0.79 n=8	6.80±0.65 n=9
			p=0.7491		p=0.4185	
<b>Mitochondrial content</b> (mean fluo.)			5942±348 n=4	8572±1212 n=4	5990±965 n=4	6808±1312 n=4
			p=0.0792		p=0.1948	
<b>MMP</b> (relative units)	1.55 ±0.01 n=3971	1.37±0.01 n=3718	1.45±0.07 n=92	1.39±0.10 n=93	2.25±0.07 n=148	2.01±0.05 n=142
	p<0.0001		p=0.2982		p<0.0001	
<b>Cytosolic Ca<sup>2+</sup></b> (relative units)	0.59±0.01 n=1020	0.59±0.01 n=1114	0.62±0.01 n=86	0.63±0.01 n=93	0.62±0.01 n=108	0.60±0.01 n=87
	p=0.1897		p=0.1037		p=0.3228	



<b>Mito. Ca2+</b> (relative units)			257.4±5.1 n=93	337.2±5.8 n=100	253.6±5.2 n=99	241.1±3.8 n=93
			p<0.0001		p=0.3904	
<b>Cell size</b> (pixels)	2318±27 n=1063	1975±22 n=1105	2806±101 n=80	2124±102 n=87	2660±94 n=94	2301±82 n=83
	p<0.0001		p<0.0001		p=0.0238	
<b>Cytosolic ROS</b> (mean fluo.)			21111±4644 n=3	17900±4366 n=3	13811±2288 n=3	16434±4417 n=3
			p=0.5304		p=0.1791	
<b>Mitochondrial ROS</b> (mean fluo.)			2063±401 n=5	3321±215 n=5	2107±252 n=5	1993±247 n=5
			p=0.0074		p=0.7043	
<b>Lipid peroxidation</b> (pg/mL 8-isoprostane/1000 cells)			0.30±0.04 n=9	0.23±0.03 n=9	0.18±0.01 n=9	0.27±0.03 n=9
			p=0.1037		p=0.0033	
<b>Glutathione</b> (GSH/GSSG ratio)			22.9±3.31 n=3	24.5±3.78 n=3	22.1±1.98 n=3	13.1±1.21 n=3
			p=0.7644		p=0.0285	

**Table S2. Correlations between depression severity and biological findings**

	Non-Mito. O <sub>2</sub> Consumption	Basal Respiration	Maximal Respiration	Proton Leak	ATP - related O <sub>2</sub> Consumption	Spare Respiratory Capacity	MMP	Cytosolic Ca <sup>2+</sup>	Cell size
Spearman r	-0.422	-0.321	-0.640	-0.309	-0.33	-0.553	0.222	0.416	-0.0771
95% confidence interval	-0,775 to 0,132	-0,724 to 0,245	-0,872 to - 0,175	-0,717 to 0,258	-0,728 to 0,235	-0,835 to - 0,0394	-0,342 to 0,669	-0,139 to 0,772	-0,567 to 0,453
P (two- tailed)	0.1184	0.2416	0.0118	0.2613	0.2282	0.0349	0.4226	0.1235	0.7848
P value summary	ns	ns	*	ns	ns	*	ns	ns	ns
Significant? (alpha = 0.05)	No	No	Yes	No	No	Yes	No	No	No

**Table S3. Neural progenitor cells markers PAX6 and SOX2**

	DAPI	SOX2	% SOX2	PAX6	% PAX6
<b>Ctl 17 #1</b>	112	97	86.6	106	94.6
<b>Ctl 17 #2</b>	88	82	93.2	83	94.3
<b>Ctl 17 #3</b>	101	93	92.1	97	96.0
<b>Ctl 17 #4</b>	301	272	90.4	286	95.0
<b>Total</b>	602	544	90.4	572	95.0
<b>Non-R #1</b>	88	78	88.6	81	92.0
<b>Non-R #2</b>	101	94	93.1	94	93.1
<b>Non-R #3</b>	87	79	90.8	84	96.6
<b>Total</b>	878	795	90.5	831	94.6
<b>Ctl 18 #1</b>	88	77	87.5	84	95.5
<b>Ctl 18 #2</b>	96	88	91.7	91	94.8
<b>Ctl 18 #3</b>	101	94	93.1	97	96.0
<b>Ctl 18 #4</b>	285	259	90.9	272	95.4
<b>Total</b>	570	518	90.9	544	95.4
<b>Mito #1</b>	81	74	91.4	76	93.8
<b>Mito #2</b>	89	85	95.5	88	98.9
<b>Mito #3</b>	80	75	93.8	77	96.3
<b>Mito #4</b>	101	94	93.1	96	95.0
<b>Total</b>	351	328	93.4	337	96.0

**Table S4. Mitochondrial bioenergetics in neural progenitor cells (NPCs)**

	Ctl	MDD	Ctl 17	Non-R	Ctl 18	Mito
<b>Basal respiration</b> (pmol/min/1000cells)	7.61±0.28 n=63	6.76±0.23 n=70	5.75±0.28 n=9	7.63±0.47 n=9	5.64±0.35 n=8	5.13±0.12 n=8
	p=0.0008		p=0.0143		p=0.1133	
<b>Maximal respiration</b> (pmol/min/1000cells)	11.1±0.44 n=63	9.71±0.39 n=70	9.67±0.49 n=9	12.6±0.92 n=9	10.7±0.92 n=8	8.96±0.39 n=8
	p=0.0001		p=0.0197		p=0.0354	
<b>Proton leak</b> (pmol/min/1000cells)	1.77±0.08 n=63	1.48±0.05 n=70	1.14±0.06 n=9	1.48±0.13 n=9	1.33±0.06 n=8	1.20±0.08 n=8
	p=0.0007		p=0.0329		p=0.3496	
<b>ATP-related O2 consumption</b> (pmol/min/1000cells)	6.67±0.33 n=63	5.31±0.19 n=70	4.61±0.24 n=9	6.14±0.35 n=9	4.31±0.33 n=8	3.93±0.11 n=8
	p<0.0001		p=0.0143		p=0.0903	
<b>Spare respiratory capacity</b> (pmol/min/1000cells)	3.73±0.27 n=63	3.00±0.22 n=70	3.92±0.25 n=9	4.93±0.59 n=9	5.02±0.73 n=8	3.84±0.30 n=8
	p=0.0055		p=0.1210		p=0.0403	
<b>Non-mito. O2 consumption</b> (pmol/min/1000cells)	3.45±0.13 n=63	3.01±0.11 n=70	2.19±0.13 n=9	2.36±0.16 n=9	2.32±0.12 n=8	2.00±0.15 n=8
	p=0.0007		p=0.2530		p=0.0619	
<b>ATP content</b> (nM/μg/mL)			25.7±1.54 n=6	24.1±2.11 n=6	22.6±2.15 n=6	24.9±1.61 n=6
			p=0.5912		p=0.1331	
<b>NAD/NADH</b> (ratio)			4.67±0.25 n=3	5.33±0.29 n=3	4.64±0.24 n=3	5.65±0.16 n=3
			p=0.2374		p=0.0288	
<b>Mitochondrial content</b> (mean fluo.)			21792±3230 n=9	18292±3811 n=9	20847±3802 n=6	22812±4514 n=6
			p=0.3030		p=0.2756	
<b>MMP</b> (relative units)	2.42±0.01 n=7118	2.17±0.01 n=7120	3.22±0.09 n=300	3.22±0.08 n=296	2.38±0.08 n=300	3.33±0.09 n=298
	p=0.148		p=0.9207		p<0.0001	
<b>Cytosolic Ca2+</b> (relative units)	0.56±0.01 n=4700	0.57±0.01 n=4706	0.63±0.01 n=492	0.62±0.02 n=457	0.64±0.02 n=501	0.65±0.02 n=513
	p=0.041		p=0.2137		p=0.0001	
<b>Mito. Ca2+</b> (relative units)			372.4±4.2 n=420	487.3±5.6 n=452	512.3±6.3 n=551	444.2±4.3 n=534
			p<0.0001		p<0.0001	
<b>Cell size</b> (pixels)	190±1.2 n=2866	165±1.1 n=2844	274±4.8 n=491	243±3.4 n=455	261±3.5 n=500	221±3.0 n=523
	p<0.0001		p<0.0001		p<0.0001	

Cytosolic ROS (mean fluo.)		1223±184 n=8	1559±283 n=8	1220±192 n=5	1414±140 n=5
		p=0.3286		p=0.1765	
Mitochondrial ROS (mean fluo.)		301±34 n=8	267±31 n=8	327±31 n=5	554±51 n=5
		p=0.4287		p=0.0036	
Lipid peroxidation (pg/mL 8-isoprostane/1000 cells)		0.00233±0.00012 n=6	0.000942±8.5 0e-005 n=6	0.00107±0.0001 1 n=6	0.00180±0.000 27 n=6
		p=0.0002		p=0.0186	

**Table S5. Patients and controls information – Astrocytes cohort**

	<b>Ctl 5</b>	<b>MDD 5</b>	<b>Ctl 10</b>	<b>MDD 10</b>	<b>Ctl 11</b>	<b>MDD 11</b>
<b>Age (years)</b>	24	18	20	21	23	23
<b>Sex</b>	Male	Male	Male	Male	Male	Male
<b>Clinical findings</b>	Absence of past or present depressive or mental disorders  Absence of documented health conditions	Recurrent depressive disorder, current episode severe with psychotic symptoms (F33.3)	Absence of past or present depressive or mental disorders  Absence of documented health conditions	Severe depressive episode without psychotic symptoms (F32.2)	Absence of past or present depressive or mental disorders  Absence of documented health conditions	Severe depressive episode without psychotic symptoms (F32.2)
<b>Treatment</b>	None	Bupropion, Mirtazapin	None	Valdoxan	None	Cipralex

**Table S6. Mitochondrial bioenergetics in astrocytes**

	Ctl	MDD	Ctl 17	Non-R	Ctl 18	Mito
<b>Basal respiration</b> (pmol/min/1000cells)	21.8±0.9 n=22	19.5±0.8 n=24	19.8±1.6 n=9	16.7±1.1 n=9	19.4±0.5 n=9	20.9±1.0 n=9
	p=0.0024		p=0.0207		p=0.2087	
<b>Maximal respiration</b> (pmol/min/1000cells)	39.6±1.9 n=19	37.4±1.8 n=22	41.2±4.3 n=9	29.9±2.8 n=9	45.3±2.4 n=9	44.1±1.8 n=9
	p=0.0190		p=0.0018		p=0.6975	
<b>Proton leak</b> (pmol/min/1000cells)	3.73±0.19 n=22	3.07±0.23 n=24	3.27±0.29 n=9	2.82±0.29 n=9	3.42±0.12 n=9	3.61±0.16 n=9
	p=0.0119		p=0.0903		p=0.2257	
<b>ATP-related O2 consumption</b> (pmol/min/1000cells)	18.8±0.8 n=24	16.2±0.6 n=24	16.6±1.3 n=9	13.9±0.9 n=9	16.0±0.5 n=9	17.3±0.9 n=9
	p=0.0033		p=0.0259		p=0.2153	
<b>Spare respiratory capacity</b> (pmol/min/1000cells)	18.22±1.2 n=20	18.6±1.0 n=24	21.4±2.9 n=9	13.2±1.9 n=9	24.1±1.0 n=8	23.2±1.5 n=9
	p=0.5654		p=0.0007		p=0.3528	
<b>Non-mito. O2 consumption</b> (pmol/min/1000cells)	7.78±0.43 n=22	6.28±0.33 n=24	7.72±0.62 n=9	6.80±0.16 n=9	6.17±0.33 n=9	5.86±0.49 n=9
	p=0.0067		p=0.2284		p=0.4339	
<b>ATP content</b> (nM/μg/mL)	36.7±3.03 n=14	39.1±2.83 n=14	33.9±5.21 n=7	29.3±5.80 n=4	34.1±5.19 n=6	23.9±4.62 n=8
	p=0.2442		p=0.1309		p=0.0486	
<b>Mitochondrial content</b> (mean fluo.)			20454±3682 n=5	15794±1731 n=5	31306±5570 n=5	20573±4766 n=5
			p=0.1248		p=0.1168	
<b>MMP</b> (relative units)	4.14±0.07 n=888	3.23±0.05 n=1196	2.59±0.05 n=382	3.69±0.07 n=382	1.97±0.07 n=240	1.29±0.03 n=240
	p<0.0001		p<0.0001		p<0.0001	
<b>Cytosolic Ca2+</b> (relative units)	0.54±0.00 n=575	0.5324±0.00 n=709	0.60±0.00 n=343	0.67±0.00 n=378	0.57±0.00 n=223	0.58±0.00 n=235
	p=0.0009		p<0.0001		p=0.0018	
<b>Mito. Ca2+</b> (relative units)	201±2 n=550	177±1 n=693	361±7 n=341	316±5 n=373	268±3 n=228	246±2 n=235
	p<0.0001		p<0.0001		p<0.0001	
<b>Cell size</b> (pixels)	1110±27 n=448	945±21 n=469	1288±39 n=223	1130±30 n=270	1377±48 n=159	1538±48 n=160
	p<0.0001		p<0.0001		p=0.0061	

Cytosolic ROS (mean fluo.)		4027±518 n=5	2496±100 n=5	2622±75 n=5	3561±340 n=5
		p=0.0359		p=0.0120	
Mitochondrial ROS (mean fluo.)		1697±285 n=5	1378±176 n=5	1714±367 n=5	1729±371 n=5
		p=0.3620		p=0.7621	



**Table S7. Mitochondrial membrane potential (MMP), calcium homeostasis and dynamics in neurons**

	Ctl 17	Non-R	Ctl 18	Mito
<b>MMP somas</b> (relative units)	1.20±0.03 n=342	0.895±0.01 n=771	1.08±0.01 n=865	1.15±0.02 n=1075
	p<0.0001		p=0.0002	
<b>MMP neurites</b> (relative units)	6.89±0.32 n=166	6.31±0.31 n=156	5.35±0.19 n=155	8.87±0.22 n=201
	p=0.3834		p<0.0001	
<b>Cytosolic calcium</b> (relative units)	0.928±0.01 n=372	0.763±0.01 n=302	0.797±0.01 n=837	0.736±0.01 n=661
	p<0.0001		p<0.0001	
<b>Mitochondrial calcium</b> (relative units)	344±6 n=453	354±7 n=359	449±6 n=449	316±4 n=493
	p=0.2800		p<0.0001	
<b>Cell size</b> (pixels)	131±2 n=374	132±3 n=291	109±1 n=938	107±1 n=670
	p=0.5262		p=0.0117	
<b>Calcium transients amplitude</b> (relative units)	0.26±0.00 n=952	0.26±0.01 n=156	0.24±0.00 n=1189	0.23±0.00 n=1255
	p=0.0015		p=0.0843	
<b>Calcium transients rise time</b> (ms)	3.02±0.05 n=948	3.25±0.15 n=148	2.39±0.04 n=1056	3.03±0.05 n=1252
	p=0.0048		p<0.0001	
<b>Calcium transients time constant of decay</b> (ms)	6.74±0.14 n=736	9.95±0.90 n=115	5.49±0.08 n=961	12.0±0.26 n=994
	p<0.0001		p<0.0001	

**Table S8. Electrophysiological properties of patients-derived neurons**

	Ctl	MDD	Ctl 17	Non-R	Ctl 18	Mito
<b>RMP</b> (mV)	-26.7±1.02 n=161	-23.7±0.84 n=170	-47.9±2.14 n=55	-56.0±1.71 n=48	-53.1±1.36 n=74	-48.4±1.68 n=68
	p=0.0278		p=0.0024		p=0.0428	
<b>Capacitance</b> (pF)	18.1±0.9 n=161	15.8±0.8 n=169	12.8±0.4 n=56	9.2±0.4 n=49	11.4±0.4 n=75	9.7±0.3 n=67
	p=0.0330		p<0.0001		p=0.0065	
<b>INa 0mV</b> <b>current</b> <b>density</b> (pA/pF)	-33.0±2.5 n=157	-42.6±3.2 n=163	-17.6±3.1 n=47	-9.7±2.5 n=43	-11.7±1.6 n=60	-31.2±3.1 n=58
	p=0.0116		p=0.4348		p<0.0001	
<b>IK +20mV</b> <b>current</b> <b>density</b> (pA/pF)	41.4±1.9 n=226	38.2±1.6 n=245	102±5.4 n=50	123±7.3 n=43	91.2±5.7 n=65	118±5.9 n=61
	p=0.2956		p=0.0254		p=0.0015	
<b>Spontaneous</b> <b>PSCs</b> (act./not act.)			26/32=81.25%	6/35=17.14%	23/41=56.10%	33/46=71.74%
			p<0.0001		p=0.1786	
<b># of PSCs</b> (mean number)			106±17.7 n=26	8.5±2.48 n=6	23.0±6.2 n=23	30.5±5.7 n=33
			p<0.0001		p=0.4214	
<b>Spontaneous</b> <b>AP -50mV</b> (act./not act.)	18/162=11.11%	35/163=21.74%	19/24=79.14%	16/32=50%	17/35=77.14%	29/38=76.32%
	p=0.016		p=0.0301		p=0.0170	
<b># of AP</b> <b>-50mV</b> (mean number)			63.2±15.9 n=19	12.9±2.09 n=16	34.4±9.18 n=17	63.2±13.8 n=29
			p=0.0240		p=0.0803	
<b>Spontaneous</b> <b>AP -80mV</b> (act./not act.)			21/24=87.50%	20/34=58.82%	19/36=52.78%	27/41=65.85%
			p=0.0216		p=0.2563	
<b># of AP</b> <b>-80mV</b> (mean number)			20.1±5.58 n=21	12.4±2.4 n=20	23.8±6.83 n=19	34.5±8.92 n=27
			p=0.4184		p=0.7273	
<b>Max</b> <b>amplitude</b> <b>spont. AP</b> (mV)			-8.09±0.58 n=314	-9.54±0.77 n=127	-10.3±0.48 n=283	-4.11±0.38 n=779
			p<0.0001		p<0.0001	

Spont. AP FWHM (ms)		5.94±0.14 n=247	5.22±0.14 n=124	6.09±0.13 n=234	5.25±0.07 n=738
		p<0.0001		p<0.0001	
PSC amplitude (pA)		-59.4±0.54 n=2045	-121.2±16.5 n=54	-55.9±0.9 n=634	-39.5±0.6 n=353
		p=0.006		p<0.0001	
PSC rise time (ms)		0.432±0.00 n=1994	0.469±0.01 n=50	0.462±0.01 n=691	0.765±0.02 n=372
		p=0.025		p<0.0001	
PSC time constant of decay (ms)		1.23±0.01 n=1866	1.07±0.07 n=49	1.22±0.02 n=630	2.27±0.07 n=337
		p=0.7987		p<0.0001	