

**Title**

Phagocyte activity reflects mammalian homeo- and hetero-thermic physiological states

**Authors**

Jiri Pikula, Tomas Heger, Hana Bandouchova, Veronika Kovacova, Monika Nemcova, Ivana Papezikova, Vladimir Piacek, Renata Zajíčková, Jan Zukal

**Supplementary Table S1**

Data (log-transformed) on blood parameters and phagocyte activity in *Myotis myotis*, *Nyctalus noctula* and *Mus musculus*

Species	Na	K	Cl	tCO2	BUN	Glu	pH	pCO2	HCO3	AnGAP	RBC	WBC
<i>M. myotis</i>	2,179	0,875	2,045	1,415	1,324	1,021	0,861	0,859	1,382	1,380	1,007	0,643
<i>M. myotis</i>	2,190	0,934	2,072	1,362	1,362	0,863	0,865	0,739	1,340	1,362	1,144	0,643
<i>M. myotis</i>	2,179	0,886	2,064	1,279	1,375	0,839	0,864	0,688	1,262	1,380	1,085	0,748
<i>M. myotis</i>	2,152	0,839	2,033	1,279	1,220	0,732	0,855	0,823	1,250	1,362	1,093	0,681
<i>M. myotis</i>	2,170	0,863	2,061	1,301	1,276	0,944	0,860	0,751	1,262	1,342	1,052	0,204
<i>M. myotis</i>	2,170	0,857	2,041	1,398	1,303	0,996	0,864	0,804	1,378	1,342	1,479	0,447
<i>M. myotis</i>	2,167	0,924	2,037	1,380	1,530	0,820	0,858	0,861	1,344	1,380	0,980	0,833
<i>M. myotis</i>	2,170	0,892	2,061		1,408	0,875					1,145	0,857
<i>M. myotis</i>	2,173	0,914	2,049	1,398	1,369	0,826	0,869	0,710	1,369	1,342	1,104	0,447
<i>M. myotis</i>	2,185	0,886	2,086	1,204	1,447	0,763	0,858	0,692	1,164	1,380	1,032	0,944
<i>M. myotis</i>	2,179	0,919	2,076	1,322	1,320	0,845	0,863	0,732	1,292	1,301	0,966	0,903
<i>N. noctula</i>	2,176	0,954	2,090	1,322	1,316	0,813	0,861	0,762	1,297		0,702	1,049
<i>N. noctula</i>	2,190	0,892	2,093	1,342	1,342	0,556	0,861	0,788	1,320	1,255	0,966	0,833
<i>N. noctula</i>	2,155	0,863	2,064	1,255	1,140	0,740	0,861	0,716	1,238	1,230	0,857	0,833
<i>N. noctula</i>	2,188	0,919	2,090	1,398	1,207	0,380	0,861	0,839	1,365	1,230	0,835	0,881
<i>N. noctula</i>	2,188	0,863	2,076	1,568	1,188	0,531	0,862	0,994	1,539	0,845	0,763	0,964
<i>N. noctula</i>	2,185	0,851	2,093	1,322	1,215	0,568	0,860	0,772	1,290	1,230	0,946	0,881
<i>N. noctula</i>	2,188	0,863	2,079	1,398	1,090	0,447	0,861	0,837	1,365	1,255	0,748	0,778
<i>N. noctula</i>	2,182	0,881	2,093	1,380	1,193	0,462	0,857	0,880	1,342	1,146	0,903	0,833
<i>N. noctula</i>	2,176	0,857	2,083	1,380	1,049	0,462	0,861	0,827	1,350	1,146	0,699	0,924
<i>N. noctula</i>	2,173	0,845	2,086	1,342	1,029	0,785	0,858	0,842	1,312	1,146	0,905	0,964
<i>N. noctula</i>	2,173	0,799	2,086	1,301	0,973	0,813	0,863	0,708	1,267	1,176	0,922	0,643
<i>N. noctula</i>	2,170	0,778	2,076	1,279	0,987	0,724	0,857	0,800	1,255	1,230	0,845	1,033
<i>M. musculus</i>	2,146	0,613	2,017	1,415	0,380	1,097	0,865	0,782	1,382	1,204	0,872	0,716
<i>M. musculus</i>	2,152	0,724	2,045	1,362	0,748	0,987	0,862	0,787	1,326	1,176	0,846	0,914
<i>M. musculus</i>	2,152	0,756	2,057	1,322	0,799	1,029	0,863	0,744	1,305	1,114	0,836	0,716
<i>M. musculus</i>	2,155	0,732	2,049	1,398	0,462	0,973	0,862	0,835	1,373	1,114	0,848	0,633
<i>M. musculus</i>	2,155	0,756	2,049	1,380	0,672	1,053	0,861	0,820	1,348	1,146	0,883	0,716
<i>M. musculus</i>	2,161	0,633	2,053	1,398	0,531	0,924	0,862	0,819	1,364	1,114	0,836	0,568
<i>M. musculus</i>	2,158	0,643	2,053	1,447	0,322	1,000	0,861	0,891	1,418	1,000	0,829	0,519
<i>M. musculus</i>	2,164	0,716	2,068	1,342	0,785	1,045	0,855	0,873	1,310	1,146	0,836	0,716
<i>M. musculus</i>	2,146	0,806	2,045	1,322	0,778	0,964	0,862	0,754	1,294	1,176	0,881	0,785
<i>M. musculus</i>	2,155	0,732	2,053	1,362	0,708	1,000	0,860	0,806	1,326	1,146	0,782	0,491
<i>M. musculus</i>	2,161	0,748	2,057	1,342	0,699	0,964	0,858	0,825	1,310	1,204	0,809	0,633
<i>M. musculus</i>	2,152	0,724	2,041	1,380	0,643	1,009	0,858	0,871	1,348	1,176	0,862	0,230
<i>M. musculus</i>	2,164	0,699	2,053	1,398	0,580	0,954	0,860	0,870	1,375	1,146	0,881	0,301

MCV	MCH	PLT	Hct	Hb	Peak	T <sub>peak</sub>	T <sub>start</sub>	Intergal	Adjusted Integral	T <sub>end</sub>
2,265	1,830	3,089	1,667	2,236	0,680	3,589	2,878	4,565	0,922	4,066
2,255	1,760	2,817	1,795	2,301	0,841	3,706	3,157	4,512	0,869	3,939
2,265	1,817	2,754	1,748	2,301	1,251	3,625	2,688	5,064	1,316	4,113
2,255	1,792	2,905	1,751	2,283	1,102	3,680	2,918	4,864	1,183	4,038
2,265	1,833	2,763	1,713	2,283	0,468	3,826	3,578	3,934	0,730	3,866
2,255	1,742	2,772	1,803	2,292	0,572	3,654	3,063	4,462	1,015	4,048
2,292	1,848	2,584	1,667	2,225	1,120	3,653	2,830	4,914	1,081	4,071
2,236	1,784	2,787	1,781	2,326	1,164	3,668	2,916	4,858	1,000	3,981
2,255	1,787	2,784	1,754	2,334	1,228	3,693	2,867	5,001	1,554	4,065
2,246	1,835	2,806	1,678	2,265	1,593	3,697	2,731	5,315	1,370	4,046
2,265	1,872	3,135	1,627	2,236	1,690	3,574	2,419	5,442	1,538	4,106
2,225	2,155		1,326	2,255	1,814	3,668	2,537	5,572	1,523	4,105
2,246	1,971	2,912	1,606	2,334	1,114	3,748	3,073	4,809	0,976	3,991
2,236	2,000	2,930	1,494	2,255	0,999	3,732	3,115	4,676	0,843	3,964
2,236	2,041	2,934	1,465	2,274	1,509	3,754	2,837	5,278	1,397	4,086
2,236	2,149		1,401	2,310	1,290	3,790	2,959	5,126	1,163	4,135
2,236	1,998	2,986	1,580	2,342	1,448	3,773	2,940	5,151	1,270	4,024
2,246	2,089	2,932	1,394	2,236	1,549	3,794	2,878	5,328	1,550	4,100
2,236	1,991	2,820	1,531	2,292	1,063	3,792	3,186	4,714	0,882	3,967
2,225	2,139		1,326	2,236	1,850	3,821	2,500	5,923	1,998	
2,236	1,980	2,840	1,542	2,283	1,498	3,793	2,934	5,223	1,259	4,047
2,236	1,934	2,647	1,556	2,255	1,179	3,760	3,074	4,846	1,202	3,976
2,236	2,049	2,787	1,477	2,292	1,594	3,752	2,828	5,308	1,274	4,039
1,699	1,217	2,877	1,572	2,090	1,275	3,162	1,779	4,996	1,280	4,108
1,732	1,260	2,900	1,577	2,107	2,004	3,080	1,260	5,633	1,719	4,204
1,748	1,225	2,973	1,585	2,061	1,757	3,125	1,495	5,400	1,684	4,144
1,699	1,212	3,005	1,551	2,061	1,720	3,133	1,499	5,389	1,755	4,170
1,716	1,225		1,600	2,107	1,618	3,163	1,609	5,304	1,588	4,156
1,708	1,243	2,972	1,543	2,079	1,468	3,098	1,676	5,061	1,493	4,014
1,785	1,255	3,008	1,616	2,083	1,606	3,355	1,947	5,383	1,865	4,202
1,732	1,250	2,895	1,565	2,086	1,791	3,053	1,218	5,489	1,773	4,272
1,716	1,262	2,979	1,597	2,143	1,565	3,198	1,717	5,258	1,472	4,137
1,724	1,212	2,789	1,509	2,097	1,417	3,209	1,797	5,137	1,645	4,132
1,724	1,243	2,943	1,534	2,053	1,755	3,195	1,692	5,379	1,746	4,083
1,724	1,274	2,954	1,588	2,137	1,221	3,188	1,880	4,936	1,706	4,077
1,748	1,262	2,813	1,604	2,134	1,026	3,184	2,032	4,715	1,414	3,984