

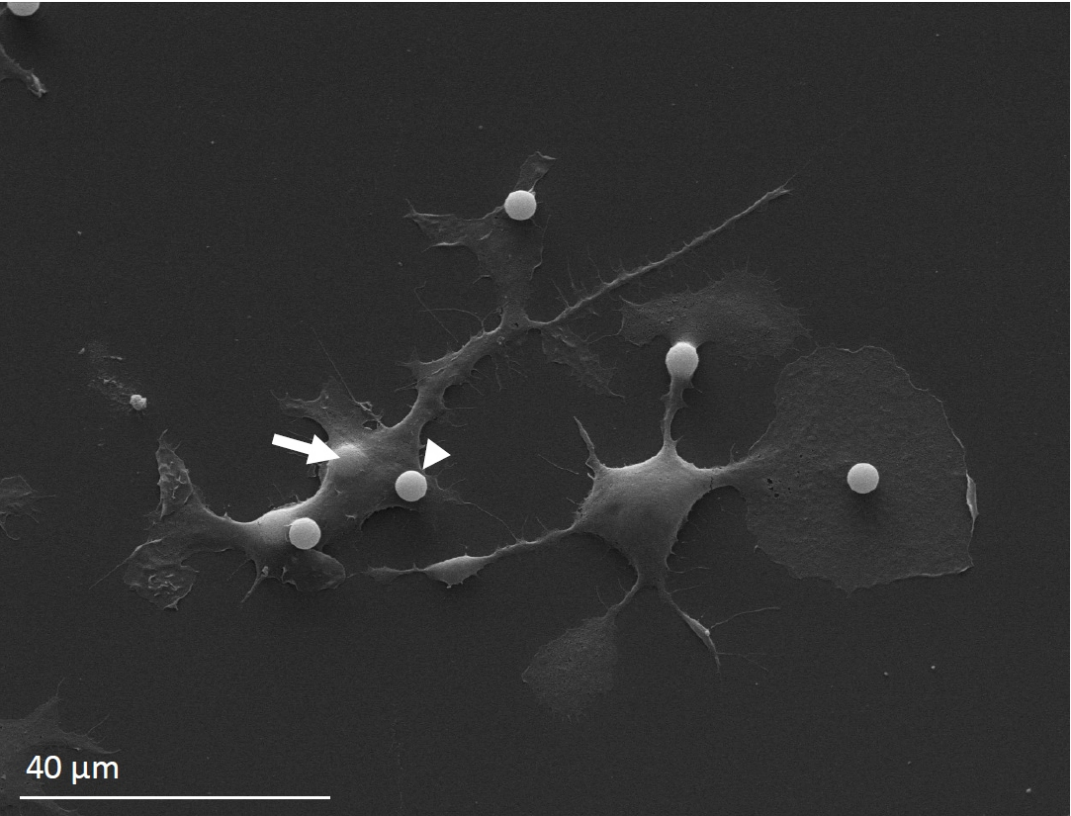
Cellular Physiology
and Biochemistry

Original	
951	A Swelling-Activated Chloride Current in Microglial Cells is Suppressed by Epac and Facilitated by PKA - Impact on Phagocytosis Kittl, M., Jakab, M., Steininger, T.S., Ritter, M., Kerschbaum, H.H. (Salzburg).
970	A Novel Caenorhabditis Elegans Proteinopathy Model Shows Changes in mRNA Translational Frameshifting During Aging Adamla, F. (Hamburg); Rollins, J., Newsom, M., Snow, S. (Salisbury Cove/ME); Schosserer, M., Heissenberger, C. (Vienna); Horrocks, J., Rogers, A.N. (Salisbury Cove/ME); Ignatova, Z.(Hamburg)
984	Post-Transcriptional Modulation of aENaC mRNA in Alveolar Epithelial Cells: Involvement of its 3' Untranslated Region Migneault, F., Gagnon, F., Pascariu, M., Laperle, J., Roy, A., Dagenais, A., Berthiaume, Y. (Montréal/QC)
1003	Neurocan is a New Substrate for the ADAMTS12 Metalloprotease: Potential Implications in Neuropathies Fontanil, T., Mohamedi, Y. (Oviedo); Moncada-Pazos, A. (Oviedo, Oxford); Cobo, T. (Oviedo); Vega, J.A. (Oviedo, Santiago); Cobo, J.L., García-Suárez, O., Cobo, J., Obaya, Á.J., Cal, S. (Oviedo)
1017	Expression, Localization and Functional Activity of the Major Na⁺/H⁺ Exchange Isoforms Expressed in the Intestinal Cell Line Caco-2BBE Yu, Y., Seidler, A., Zhou, K., Yuan, Z., Yeruva, S. (Hannover); Amiri, M., Yun, C.C. (Atlanta/GA); Nikolovska, K., Seidler, U. (Hannover)
1039	Growth of Endothelial Cells in Space and in Simulated Microgravity - a Comparison on the Secretory Level Krüger, M., Pietsch, J.(Magdeburg); Bauer, J. (Martinsried); Kopp, S., Carvalho, D.T.O. (Magdeburg); Baatout, S. (Mol, Ghent); Moreels, M. (Ghent); Melnik ,D., Wehland, M. (Magdeburg); Egli, M. (Hergiswil); Jayashree, S., Kobbero, S.D., Corydon, T.J. (Aarhus); Nebuloni, S., Gass, S. (Nyon); Evert, M. (Regensburg); Infanger, M. (Magdeburg); Grimm, D. (Magdeburg, Aarhus)
1061	Caffeine Accelerates Cystic Kidney Disease in a Pkd1-Deficient Mouse Model Meca, R., Balbo, B.E., Ormanji, M.S., Fonseca, J.M., Iannuzzi, L.R., Santana Costa, E., Onuchic, L.F., Heilberg, I.P. (São Paulo)
1075	Episodic Hypoxia Promotes Defence Against Cellular Stress Heß, V., Kasim, M., Mathia, S., Persson, P.B., Rosenberger, C., Fähring, M. (Berlin)
1092	Signalling Effects Induced by Acid Ceramidase in Human Epithelial Or Leukemic Cell Lines Baduva, K., Büchter, L., Kreyenkamp, K., Westphal, L., Wilker, B., Kohnen, M. (Essen); Schuchman, E.H. (New York/NY); Edwards, M.J. (Cincinnati/OH); Becker, K.A. (Essen); Gulbins, E. (Essen, Cincinnati/OH); Carpinteiro, A. (Essen)
1103	Blunted Cardiac AMPK Response is Associated with Susceptibility to Ischemia/Reperfusion in Male Offspring of Gestational Diabetic Rats Luo, X., Zou, H., Xu, P., Wen, L., Stanley, J.L., Jiang, X. (Chongqing); Han, T.L. ,(Auckland); Olson, D. (Edmonton/AB); Peng, C., Zhang, C., Xiao, X., Tong, C., Qi, H. (Chongqing); Baker, P.N. (Chongqing Leicester)
1117	Therapeutic Potential of Gamma-Irradiated Resveratrol in Ulcerative Colitis via the Anti-Inflammatory Activity and Differentiation of Tolerogenic Dendritic Cells Kim, W.S., Song, H.Y., Mushtaq, S. (Jeongeup); Kim, J.M. (Daejeon); Byun, E.H. (Yesan); Yuk, J.M. (Daejeon); Byun, E.B. (Jeongeup)
1139	Enzyme Replacement Therapy Clears Gb3 Deposits from a Podocyte Cell Culture Model of Fabry Disease but Fails to Restore Altered Cellular Signaling Braun, F. (Cologne, Hamburg); Blomberg, L., Brodesser, S., Liebau, M.C., Schermer, B., Benzing, T., Kurschat, C.E. (Cologne)
1151	Adipocyte Hypertrophy and Improved Postprandial Lipid Response in Beta 2 Syntrophin Deficient Mice Krautbauer, S., Neumeier, M., Rein-Fischboeck, L., Haberl, E.M. (Regensburg); Tilg, H. (Innsbruck); Eisinger, K., Buechler, C. (Regensburg)
1166	Effects of Tributyltin (TBT) on Rat Bone and Mineral Metabolism Resgala, L.C.R. (Vitória, Itaperuna); Santana, H.S. (Vitória); Portela, B.S.M. (Vitória, Itaperuna); Zanovello, M.V.S., da Costa, C.S., Niño, O.M.S., Endlich Bicudo, N., Dos Santos, D.Z., Lang Podratz, P., da Cunha, M., Oliveira, A.L.A., Ceotto Freitas Lima, L., Gomes-Rochette, N.F., Rangel, L.B.A., Graceli, J.B., Silva, I.V. (Vitória)
1178	Helios but not CD226, TIGIT and Foxp3 is a Potential Marker for CD4⁺ Treg Cells in Patients with Rheumatoid Arthritis Yang, M., Liu, Y., Mo, B., Xue, Y., Ye, C., Jiang, Y., Bi, X., Liu, M., Wu, Y. (Guangzhou);, Wang, J., Olsen, N. (Hershey, PA);, Pan, Y. (Guangzhou); Zheng, S.G. (Columbus, OH)
1193	In Vivo Immunological Effects of CD73 Deficiency Adam, T. (Munich); Mathes, A. (Munich, Offenbach); Isayev, O. (Munich, Baku); Philippov, P.P. (Moscow); Werner, J.(Munich); Karakhanova, S. (Heidelberg); Bazhin, A.V. (Munich)
1203	Sulforaphane Potentially Ameliorates Arsenic Induced Hepatotoxicity in Albino Wistar Rats: Implication of PI3K/Akt/Nrf2 Signaling Pathway Thangapandiyan, S., Ramesh, M., Hema, T. (Coimbatore); Miltonprabu, S. (Chennai); Uddin, M.S. (Dhaka); Nandhini, V., Bavithra Jothi, G. (Coimbatore)
1223	Identification of the A293 (AVE1231) Binding Site in the Cardiac Two-Pore-Domain Potassium Channel TASK-1: a Common Low Affinity Antiarrhythmic Drug Binding Site Wiedmann, F. (Heidelberg);, Kiper, A.K. (Marburg);, Bedoya, M. (Talca); Ratte, A.(Heidelberg); Rinné, S. (Marburg); Kraft, M., Waibel, M. (Heidelberg); Anad, P., Wenzel, W. (Karlsruhe); González, W. (Talca); Katus, H.A. (Heidelberg); Decher, N. (Marburg); Schmidt, C. (Heidelberg)
1236	Chrysin Inhibits Proinflammatory Factor-Induced EMT Phenotype and Cancer Stem Cell-Like Features in HeLa Cells by Blocking the NF-κB/Twist Axis Dong, W. (Hengyang); Chen, A., Chao, X., Li X., Cui, Y., Xu, C., Cao, J. (Changsha); Ning, Y. (Guangzhou)
1251	Erratum
1253	Erratum
1254	Erratum

Cover illustration
Noradrenergic suppression of IgG-coated microspheres uptake in primary microglial cells. See Original by Kittl et al. in Cell Physiol Biochem 2019;52:951-969.

Cellular Physiology
and Biochemistry

International Journal of
Experimental Cellular Physiology, Biochemistry and Pharmacology



Open access
www.cellphysiolbiochem.com

Vol. 52, No. 5 (pp. 951–1254), 2019

Cellular Physiology and Biochemistry