

Hochschulbibliographie

Name:

Lehrstuhl für Entwicklungsgenetik (Prof. Wurst)

Occurences:

· Hochschulbibliographie > 2017 > Fakultäten >
Wissenschaftszentrum Weihenstephan

Entries:

- [1/51]: Zimprich, A.; Östereicher, M. A.; Becker, L.; Dirscherl, P.; Ernst, L.; Fuchs, H.; Gailus-Durner, V.; Garrett, L.; Giesert, F.; Glasl, L.; Hummel, A.; Rozman, J.; de Angelis, M. H.; Vogt-Weisenhorn, D.; Wurst, W.; Hölter, S. M., Analysis of locomotor behavior in the German Mouse Clinic, *J Neurosci Methods*, 2017
- [2/51]: Zimprich, A.; Niessing, J.; Cohen, L.; Garrett, L.; Einicke, J.; Sperling, B.; Schmidt, M. V.; Holter, S. M., Assessing Sociability, Social Memory, and Pup Retrieval in Mice, *Curr Protoc Mouse Biol*, 2017, 7, 7, 287-305
- [3/51]: Zimprich, A.; Mroz, G.; Meyer Zu Reckendorf, C.; Anastasiadou, S.; Forstner, P.; Garrett, L.; Hölter, S. M.; Becker, L.; Rozman, J.; Prehn, C.; Rathkolb, B.; Moreth, K.; Wurst, W.; Klopstock, T.; Klingenspor, M.; Adamski, J.; Wolf, E.; Bekeredjian, R.; Fuchs, H.; Gailus-Durner, V.; de Angelis, M. H.; Knöll, B., Serum Response Factor (SRF) Ablation Interferes with Acute Stress-Associated Immediate and Long-Term Coping Mechanisms, *Mol Neurobiol*, 2017, 54, 10, 8242-8262
- [4/51]: Zilka, O.; Shah, R.; Li, B.; Friedmann Angeli, J. P.; Griesser, M.; Conrad, M.; Pratt, D. A., On the Mechanism of Cytoprotection by Ferrostatin-1 and Liproxstatin-1 and the Role of Lipid Peroxidation in Ferroptotic Cell Death, *ACS Cent Sci*, 2017, 3, 3, 232-243
- [5/51]: Zhang, D.; Wu, B.; Wang, P.; Wang, Y.; Lu, P.; Nechiporuk, T.; Floss, T.; Grealley, J. M.; Zheng, D.; Zhou, B., Non-CpG methylation by DNMT3B facilitates REST binding and gene silencing in developing mouse hearts, *Nucleic Acids Res*, 2017, 45, 6, 3102-3115
- [6/51]: Xie, K.; Neff, F.; Markert, A.; Rozman, J.; Aguilar-Pimentel, J.A.; Amarie, O.V.; Becker, L.; Brommage, R.; Garrett, L.; Henzel, K.S.; Hölter, S. M.; Janik, D.; Lehmann, I.; Moreth, K.; Pearson, B.L.; Racz, I.; Rathkolb, B.; Ryan, D.P.; Schröder, S.; Treise, I.; Bekeredjian, R.; Busch, D. H.; Graw, J.; Ehninger, G.; Klingenspor, M.; Klopstock, T.; Ollert, M.; Sandholzer, M.; Schmidt-Weber, C.; Weiergräber, M.; Wolf, E.; Wurst, W.; Zimmer, A.; Gailus-Durner, V.; Fuchs, H.; Hrabé de Angelis, M.; Ehninger, D., Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice, *Nat Commun*, 2017, 8, 1, 155
- [7/51]: Xie, K.; Neff, F.; Markert, A.; Rozman, J.; Aguilar-Pimentel, J. A.; Amarie, O. V.; Becker, L.; Brommage, R.; Garrett, L.; Henzel, K. S.; Holter, S. M.; Janik, D.; Lehmann, I.; Moreth, K.; Pearson, B. L.; Racz, I.; Rathkolb, B.; Ryan, D. P.; Schroder, S.; Treise, I.; Bekeredjian, R.; Busch, D. H.; Graw, J.; Ehninger, G.; Klingenspor, M.; Klopstock, T.; Ollert, M.; Sandholzer, M.; Schmidt-Weber, C.; Weiergraber, M.; Wolf, E.; Wurst, W.; Zimmer, A.; Gailus-Durner, V.; Fuchs, H.; Hrabé de Angelis, M.; Ehninger, D., Every-other-day feeding extends lifespan but fails to delay many symptoms of aging in mice, *Nat Commun*, 2017, 8, 1, 155
- [8/51]: Wefers, B.; Bashir, S.; Rossius, J.; Wurst, W.; Kühn, R., Gene editing in mouse zygotes using the CRISPR/Cas9 system, *Methods*, 2017, 121-122, 55-67
- [9/51]: Vartholomaiou, E.; Madon-Simon, M.; Hagmann, S.; Mühlebach, G.; Wurst, W.; Floss, T.; Picard, D., Cytosolic Hsp90alpha and its mitochondrial isoform Trap1 are differentially required in a breast cancer model, *Oncotarget*, 2017, 8, 11, 17428-17442
- [10/51]: Trümbach, D.; Pfeiffer, S.; Poppe, M.; Scherb, H.; Doll, S.; Wurst, W.; Schick, J. A., ENCoRE: an efficient software for CRISPR screens identifies new players in extrinsic apoptosis, *BMC Genomics*, 2017, 18, 1, 905
- [11/51]: Symvoulidis, P.; Lauri, A.; Stefanoiu, A.; Cappetta, M.; Schneider, S.; Jia, H.; Stelzl, A.; Koch, M.; Perez, C.C.; Myklatun, A.; Renninger, S.; Chmyrov, A.; Lasser, T.; Wurst, W.; Ntziachristos, V.; Westmeyer, G.G., NeuTracker-imaging neurobehavioral dynamics in freely behaving fish, *Nat Methods*, 2017, 14, 11, 1079-1082
- [12/51]: Stockwell, B. R.; Friedmann Angeli, J. P.; Bayir, H.; Bush, A. I.; Conrad, M.; Dixon, S. J.; Fulda, S.; Gascón, S.; Hatzios, S. K.; Kagan, V. E.; Noel, K.; Jiang, X.; Linkermann, A.; Murphy, M. E.; Overholtzer, M.; Oyagi, A.; Pagnussat, G. C.; Park, J.; Ran, Q.; Rosenfeld, C. S.; Salnikow, K.; Tang, D.; Torti, F. M.; Torti, S. V.; Toyokuni, S.; Woerpel, K. A.; Zhang, D. D., Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease, *Cell*, 2017, 171, 2, 273-285
- [13/51]: Schriever, S. C.; Zimprich, A.; Pfuhlmann, K.; Baumann, P.; Giesert, F.; Klaus, V.; Kabra, D. G.; Hafen, U.; Romanov, A.; Tschöp, M. H.; Wurst, W.; Conrad, M.; Hölter, S. M.; Vogt Weisenhorn, D.; Pfluger, P. T., Alterations in neuronal control of body weight and anxiety behavior by glutathione peroxidase 4 deficiency, *Neuroscience*, 2017, 357, 241-254
- [14/51]: Schludi, M. H.; Becker, L.; Garrett, L.; Gendron, T. F.; Zhou, Q.; Schreiber, F.; Popper, B.; Dimou, L.; Strom, T. M.; Winkelmann, J.; von Thaden, A.; Rentzsch, K.; May, S.; Michaelsen, M.; Schwenk, B. M.; Tan, J.; Schoser, B.; Dieterich, M.; Petrucelli, L.; Hölter, S. M.; Wurst, W.; Fuchs, H.; Gailus-Durner, V.; de Angelis, M. H.; Klopstock, T.; Arzberger, T.; Edbauer, D., Spinal poly-GA inclusions in a C9orf72 mouse model trigger motor deficits and inflammation without neuron loss, *Acta Neuropathol*, 2017, 134, 2, 241-254

- [15/51]: Salminen, A. V.; Garrett, L.; Schormair, B.; Rozman, J.; Giesert, F.; Niedermayer, K.M.; Becker, L.; Rathkolb, B.; Rácz, I.; Consortium, German Mouse Clinic; Klingenspor, M.; Klopstock, T.; Wolf, E.; Zimmer, A.; Gailus-Durner, V.; Torres, M.; Fuchs, H.; Hrabé de Angelis, M.; Wurst, W.; Höltter, S. M.; Winkelmann, J., Meis1: effects on motor phenotypes and the sensorimotor system in mice, *Dis Model Mech*, 2017, 10, 8, 981-991
- [16/51]: Ryan, D. P.; Henzel, K. S.; Pearson, B. L.; Siwek, M. E.; Papazoglou, A.; Guo, L.; Paesler, K.; Yu, M.; Müller, R.; Xie, K.; Schröder, S.; Becker, L.; Garrett, L.; Höltter, S. M.; Neff, F.; Racz, I.; Rathkolb, B.; Rozman, J.; Ehninger, G.; Klingenspor, M.; Klopstock, T.; Wolf, E.; Wurst, W.; Zimmer, A.; Fuchs, H.; Gailus-Durner, V.; Hrabé de Angelis, M.; Sidiropoulou, K.; Weiergräber, M.; Zhou, Y.; Ehninger, D., A paternal methyl donor-rich diet altered cognitive and neural functions in offspring mice, *Mol Psychiatry*, 2017
- [17/51]: Rodriguez Camargo, D. C.; Tripsianes, K.; Buday, K.; Franko, A.; Göbl, C.; Hartlmüller, C.; Sarkar, R.; Aichler, M.; Mettenleiter, G.; Schulz, M.; Böddrich, A.; Erck, C.; Martens, H.; Walch, A. K.; Madl, T.; Wanker, E. E.; Conrad, M.; de Angelis, M. H.; Reif, B., The redox environment triggers conformational changes and aggregation of hIAPP in Type II Diabetes, *Sci Rep*, 2017, 7, 44041
- [18/51]: Metzger, M.W.; Walser, S.M.; Dedic, N.; Aprile-Garcia, F.; Jakubcakova, V.; Adamczyk, M.; Webb, K.J.; Uhr, M.; Refojo, D.; Schmidt, M.V.; Friess, E.; Steiger, A.; Kimura, M.; Chen, A.; Holsboer, F.; Arzt, E.; Wurst, W.; Deussing, J.M., Heterozygosity for the Mood Disorder-Associated Variant Gln460Arg Alters P2X7 Receptor Function and Sleep Quality, *J Neurosci*, 2017, 37, 48, 11688-11700
- [19/51]: Metzger, M. W.; Walser, S. M.; Aprile-Garcia, F.; Dedic, N.; Chen, A.; Holsboer, F.; Arzt, E.; Wurst, W.; Deussing, J. M., Genetically dissecting P2rx7 expression within the central nervous system using conditional humanized mice, *Purinergic Signal*, 2017, 13, 2, 153-170
- [20/51]: Meehan, T. F.; Conte, N.; West, D.B.; Jacobsen, J.O.; Mason, J.; Warren, J.; Chen, C.K.; Tudose, I.; Relac, M.; Matthews, P.; Karp, N.; Santos, L.; Fliegel, T.; Ring, N.; Westerberg, H.; Greenaway, S.; Sneddon, D.; Morgan, H.; Codner, G.F.; Stewart, M.E.; Brown, J.; Horner, N.; Consortium, International Mouse Phenotyping; Haendel, M.; Washington, N.; Mungall, C.J.; Reynolds, C. L.; Gallegos, J.; Gailus-Durner, V.; Sorg, T.; Pavlovic, G.; Bower, L. R.; Moore, M.; Morse, I.; Gao, X.; Tocchini-Valentini, G. P.; Obata, Y.; Cho, S.Y.; Seong, J. K.; Seavitt, J.; Beaudet, A. L.; Dickinson, M.E.; Heralut, Y.; Wurst, W.; de Angelis, M.H.; Lloyd, K.C.K.; Flenniken, A. M.; Nutter, L. M. J.; Newbigging, S.; McKerlie, C.; Justice, M.J.; Murray, S. A.; Svenson, K.L.; Braun, R.E.; White, J. K.; Bradley, A.; Flicek, P.; Wells, S.; Skarnes, W.C.; Adams, D.J.; Parkinson, H.; Mallon, A. M.; Brown, S. D.M.; Smedley, D., Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium, *Nat Genet*, 2017, 49, 8, 1231-1238
- [21/51]: Mazaheri, F.; Snaidero, N.; Kleinberger, G.; Madore, C.; Daria, A.; Werner, G.; Krasemann, S.; Capell, A.; Trümbach, D.; Wurst, W.; Brunner, B.; Bultmann, S.; Tahirovic, S.; Kreschensteiner, M.; Misgeld, T.; Butovsky, O.; Haass, C., TREM2 deficiency impairs chemotaxis and microglial responses to neuronal injury, *EMBO Rep*, 2017, 18, 7, 1186-1198
- [22/51]: Maiorino, M.; Conrad, M.; Ursini, F., GPx4, Lipid Peroxidation, and Cell Death: Discoveries, Rediscoveries, and Open Issues, *Antioxid Redox Signal*, 2017
- [23/51]: Kumar, S.; Rathkolb, B.; Sabrautski, S.; Krebs, S.; Kemter, E.; Becker, L.; Beckers, J.; Bekeredjian, R.; Brommage, R.; Calzada-Wack, J.; Garrett, L.; Holter, S. M.; Horsch, M.; Klingenspor, M.; Klopstock, T.; Moreth, K.; Neff, F.; Rozman, J.; Fuchs, H.; Gailus-Durner, V.; Hrabé de Angelis, M.; Wolf, E.; Aigner, B., Standardized, systemic phenotypic analysis reveals kidney dysfunction as main alteration of Kctd1 (I27N) mutant mice, *J Biomed Sci*, 2017, 24, 1, 57
- [24/51]: Kleinberger, G.; Brendel, M.; Mracsko, E.; Wefers, B.; Groeneweg, L.; Xiang, X.; Focke, C.; Deussing, M.; Suarez-Calvet, M.; Mazaheri, F.; Parhizkar, S.; Pettkus, N.; Wurst, W.; Feederle, R.; Bartenstein, P.; Mueggler, T.; Arzberger, T.; Knuesel, I.; Rominger, A.; Haass, C., The FTD-like syndrome causing TREM2 T66M mutation impairs microglia function, brain perfusion, and glucose metabolism, *Embo J*, 2017, 36, 13, 1837-1853
- [25/51]: Karp, N. A.; Mason, J.; Beaudet, A. L.; Benjamini, Y.; Bower, L.; Braun, R. E.; Brown, S. D. M.; Chesler, E. J.; Dickinson, M. E.; Flenniken, A. M.; Fuchs, H.; Angelis, M. H.; Gao, X.; Guo, S.; Greenaway, S.; Heller, R.; Heralut, Y.; Justice, M. J.; Kurbatova, N.; Lelliott, C. J.; Lloyd, K. C. K.; Mallon, A. M.; Mank, J. E.; Masuya, H.; McKerlie, C.; Meehan, T. F.; Mott, R. F.; Murray, S. A.; Parkinson, H.; Ramirez-Solis, R.; Santos, L.; Seavitt, J.R.; Smedley, D.; Sorg, T.; Speak, A. O.; Steel, K. P.; Svenson, K. L.; Consortium, International Mouse Phenotyping; Wakana, S.; West, D.; Wells, S.; Westerberg, H.; Yaacoby, S.; White, J. K., Prevalence of sexual dimorphism in mammalian phenotypic traits, *Nat Commun*, 2017, 8, 15475
- [26/51]: Kagan, V. E.; Mao, G.; Qu, F.; Angeli, J. P.; Doll, S.; Croix, C. S.; Dar, H. H.; Liu, B.; Tyurin, V. A.; Ritov, V. B.; Kapralov, A. A.; Amoscato, A. A.; Jiang, J.; Anthony-muthu, T.; Mohammadyani, D.; Yang, Q.; Proneth, B.;

- Klein-Seetharaman, J.; Watkins, S.; Bahar, I.; Greenberger, J.; Mallampalli, R. K.; Stockwell, B. R.; Tyurina, Y. Y.; Conrad, M.; Bayir, H., Oxidized arachidonic and adrenic PEs navigate cells to ferroptosis, *Nat Chem Biol*, 2017, 13, 1, 81-90
- [27/51]: Ingold, I.; Berndt, C.; Schmitt, S.; Doll, S.; Poschmann, G.; Buday, K.; Roveri, A.; Peng, X.; Porto Freitas, F.; Seibt, T.; Mehr, L.; Aichler, M.; Walch, A.; Lamp, D.; Jastroch, M.; Miyamoto, S.; Wurst, W.; Ursini, F.; Arner, E. S. J.; Fradejas-Villar, N.; Schweizer, U.; Zischka, H.; Friedmann Angeli, J. P.; Conrad, M., Selenium Utilization by GPX4 Is Required to Prevent Hydroperoxide-Induced Ferroptosis, *Cell*, 2017
- [28/51]: Graw, J., From eyeless to neurological diseases, *Exp Eye Res*, 2017, 156, 5-9
- [29/51]: Graveline, R.; Marcinkiewicz, K.; Choi, S.; Paquet, M.; Wurst, W.; Floss, T.; David, G., The Chromatin-Associated Phf12 Protein Maintains Nucleolar Integrity and Prevents Premature Cellular Senescence, *Mol Cell Biol*, 2017, 37, 5
- [30/51]: Giesert, F.; Glasl, L.; Zimprich, A.; Ernst, L.; Piccoli, G.; Stautner, C.; Zerle, J.; Hölter, S. M.; Vogt Weisenhorn, D. M.; Wurst, W., The pathogenic LRRK2 R1441C mutation induces specific deficits modeling the prodromal phase of Parkinson's disease in the mouse, *Neurobiol Dis*, 2017, 105, 179-193
- [31/51]: Garrett, L.; Becker, L.; Rozman, J.; Puk, O.; Stoeger, T.; Yildirim, A. O.; Bohla, A.; Eickelberg, O.; Hans, W.; Prehn, C.; Adamski, J.; Klopstock, T.; Racz, I.; Zimmer, A.; Klingenspor, M.; Fuchs, H.; Gailus-Durner, V.; Wurst, W.; Hrabé de Angelis, M.; Graw, J.; Hölter, S. M., Fgf9 (Y162C) Mutation Alters Information Processing and Social Memory in Mice, *Mol Neurobiol*, 2017
- [32/51]: Fuchs, H.; Aguilar-Pimentel, J. A.; Amarie, O. V.; Becker, L.; Calzada-Wack, J.; Cho, Y. L.; Garrett, L.; Hölter, S. M.; Irmeler, M.; Kistler, M.; Kraiger, M.; Mayer-Kuckuk, P.; Moreth, K.; Rathkolb, B.; Rozman, J.; da Silva Buttkus, P.; Treise, I.; Zimprich, A.; Gampe, K.; Hutterer, C.; Stöger, C.; Leuchtenberger, S.; Maier, H.; Miller, M.; Scheideler, A.; Wu, M.; Beckers, J.; Bekeredjian, R.; Brielmeier, M.; Busch, D. H.; Klingenspor, M.; Klopstock, T.; Ollert, M.; Schmidt-Weber, C.; Stöger, T.; Wolf, E.; Wurst, W.; Yildirim, A. O.; Zimmer, A.; Gailus-Durner, V.; Hrabé de Angelis, M., Understanding gene functions and disease mechanisms: Phenotyping pipelines in the German Mouse Clinic, *Behav Brain Res*, 2017
- [33/51]: Egea, J.; Fabregat, I.; Frapart, Y. M.; Ghezzi, P.; Görlach, A.; Kietzmann, T.; Kubaichuk, K.; Knaus, U. G.; Lopez, M. G.; Olaso-Gonzalez, G.; Petry, A.; Schulz, R.; Vina, J.; Winyard, P.; Abbas, K.; Ademowo, O. S.; Afonso, C. B.; Andreadou, I.; Antelmann, H.; Antunes, F.; Aslan, M.; Bachschmid, M. M.; Barbosa, R. M.; Belousov, V.; Berndt, C.; Bernlohr, D.; Bertrán, E.; Bindoli, A.; Bottari, S. P.; Brito, P. M.; Carrara, G.; Casas, A. I.; Chatzi, A.; Chondrogianni, N.; Conrad, M.; Cooke, M. S.; Costa, J. G.; Cuadrado, A.; My-Chan Dang, P.; De Smet, B.; Debelece-Butuner, B.; Dias, I. H. K.; Dunn, J. D.; Edson, A. J.; El Assar, M.; El-Benna, J.; Ferdinandy, P.; Fernandes, A. S.; Fladmark, K. E.; Förstermann, U.; Giniatullin, R.; Giricz, Z.; Görbe, A.; Griffiths, H.; Hampl, V.; Hanf, A.; Herget, J.; Hernansanz-Agustin, P.; Hillion, M.; Huang, J.; Ilikay, S.; Jansen-Durr, P.; Jaquet, V.; Joles, J. A.; Kalyanaraman, B.; Kaminsky, D.; Karbaschi, M.; Kleanthous, M.; Klotz, L. O.; Korac, B.; Korkmaz, K. S.; Koziel, R.; Kraun, D.; Krause, K. H.; Kren, V.; Krieg, T.; Laranjinha, J.; Lazou, A.; Li, H.; Martínez-Ruiz, A.; Matsui, R.; McBean, G. J.; Meredith, S. P.; Messens, J.; Miguel, V.; Mikhed, Y.; Milisav, I.; Milkovič, L.; Miranda-Vizueté, A.; Mojovič, M.; Monsalve, M.; Mouthuy, P. A.; Mulvey, J.; Münzel, T.; Muzykantov, V.; Nguyen, I. T. N.; Oelze, M.; Oliveira, N. G.; Palmeira, C. M.; Papaevgeniou, N.; others, European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS), *Redox Biol*, 2017, 13, 94-162
- [34/51]: Egaña, I.; Kaito, H.; Nitzsche, A.; Becker, L.; Ballester-Lopez, C.; Niaudet, C.; Petkova, M.; Liu, W.; Vanlandewijck, M.; Vernaleken, A.; Klopstock, T.; Fuchs, H.; Gailus-Durner, V.; Hrabé de Angelis, M.; Rask-Andersen, H.; Johansson, H.J.; Lehtiö, J.; He, L.; Yildirim, A. Ö.; Hellström, M.; Consortium, German Mouse Clinic, Female mice lacking Pald1 exhibit endothelial cell apoptosis and emphysema, *Sci Rep*, 2017, 7, 1, 15453
- [35/51]: Egana, I.; Kaito, H.; Nitzsche, A.; Becker, L.; Ballester-Lopez, C.; Niaudet, C.; Petkova, M.; Liu, W.; Vanlandewijck, M.; Vernaleken, A.; Klopstock, T.; Fuchs, H.; Gailus-Durner, V.; Hrabé de Angelis, M.; Rask-Andersen, H.; Johansson, H. J.; Lehtiö, J.; He, L.; Yildirim, A. O.; Hellstrom, M., Female mice lacking Pald1 exhibit endothelial cell apoptosis and emphysema, *Sci Rep*, 2017, 7, 1, 15453
- [36/51]: Drefs, M.; Thomas, M. N.; Guba, M.; Angele, M. K.; Werner, J.; Conrad, M.; Steib, C. J.; Holdt, L. M.; Andrassy, J.; Khandoga, A.; Rentsch, M., Modulation of Glutathione Hemostasis by Inhibition of 12/15-Lipoxygenase Prevents ROS-Mediated Cell Death after Hepatic Ischemia and Reperfusion, *Oxid Med Cell Longev*, 2017, 2017, 8325754
- [37/51]: Doll, S.; Proneth, B.; Tyurina, Y. Y.; Panzilius, E.; Kobayashi, S.; Ingold, I.; Irmeler, M.; Beckers, J.; Aichler, M.; Walch, A.; Prokisch, H.; Trümbach, D.; Mao, G.; Qu, F.; Bayir, H.; Füllekrug, J.; Scheel, C.H.; Wurst,

- W.; Schick, J.A.; Kagan, V.E.; Angeli, J.P.; Conrad, M., ACSL4 dictates ferroptosis sensitivity by shaping cellular lipid composition, *Nat Chem Biol*, 2017, 13, 1, 91-98
- [38/51]: Doll, S.; Conrad, M., Iron and ferroptosis: A still ill-defined liaison, *IUBMB Life*, 2017, 69, 6, 423-434
- [39/51]: Dickinson, M. E.; Flenniken, A. M.; Ji, X.; Teboul, L.; Wong, M. D.; White, J. K.; Meehan, T. F.; Weninger, W. J.; Westerberg, H.; Adissu, H.; Baker, C. N.; Bower, L.; Brown, J. M.; Caddle, L. B.; Chiani, F.; Clary, D.; Cleak, J.; Daly, M. J.; Denegre, J. M.; Doe, B.; Dolan, M. E.; Edie Helmut Fuchs, S. M.; Gailus-Durner, V.; Galli, A.; Gambadoro, A.; Gallegos, J.; Guo, S.; Horner, N. R.; Hsu, C. W.; Johnson, S. J.; Kalaga, S.; Keith, L. C.; Lanoue, L.; Lawson, T. N.; Lek, M.; Mark, M.; Marschall, S.; Mason, J.; McElwee, M. L.; Nutter, Snlmj; Peterson, K. A.; Ramirez-Solis, R.; Rowland, D. J.; Ryder, E.; Samocha, K. E.; Seavitt, J. R.; Selloum, M.; Szoke-Kovacs, Z.; Tamura, M.; Trainor, A. G.; Tudose, I.; Wakana, S.; Warren, J.; Wendling, O.; West, D. B.; Wong, L.; Yoshiki, A.; Wurst, W.; MacArthur, D. G.; Tocchini-Valentini, G. P.; Gao, X.; Flicek, P.; Bradley, A.; Skarnes, W. C.; Justice, M. J.; Parkinson, H. E.; Moore, M.; Wells, S.; Braun, R. E.; Svenson, K. L.; de Angelis, M. H.; Herault, Y.; Mohun, T.; Mallon, A. M.; Henkelman, R. M.; Brown, S. D. M.; Adams, D. J.; Lloyd, K. C. K.; McKerlie, C.; Beaudet, A. L.; Murray, Mbsa, Corrigendum: High-throughput discovery of novel developmental phenotypes, *Nature*, 2017, 551, 7680, 398
- [40/51]: Deng, T.; Postnikov, Y.; Zhang, S.; Garrett, L.; Becker, L.; Racz, I.; Hölter, S. M.; Wurst, W.; Fuchs, H.; Gailus-Durner, V.; de Angelis, M. H.; Bustin, M., Interplay between H1 and HMGN epigenetically regulates OLIG1&2 expression and oligodendrocyte differentiation, *Nucleic Acids Res*, 2017, 45, 6, 3031-3045
- [41/51]: Dedic, N.; Pöhlmann, M. L.; Richter, J. S.; Mehta, D.; Czamara, D.; Metzger, M. W.; Dine, J.; Bedenk, B. T.; Hartmann, J.; Wagner, K. V.; Jurik, A.; Almlı, L. M.; Lori, A.; Moosmang, S.; Hofmann, F.; Wotjak, C. T.; Rammes, G.; Eder, M.; Chen, A.; Ressler, K. J.; Wurst, W.; Schmidt, M. V.; Binder, E. B.; Deussing, J. M., Cross-disorder risk gene CACNA1C differentially modulates susceptibility to psychiatric disorders during development and adulthood, *Mol Psychiatry*, 2017
- [42/51]: Danner, E.; Bashir, S.; Yumlu, S.; Wurst, W.; Wefers, B.; Kühn, R., Control of gene editing by manipulation of DNA repair mechanisms, *Mamm Genome*, 2017, 28, 7-8, 262-274
- [43/51]: Bowl, M. R.; Simon, M. M.; Ingham, N. J.; Greenaway, S.; Santos, L.; Cater, H.; Taylor, S.; Mason, J.; Kurbatova, N.; Pearson, B.L.; Bower, L.R.; Clary, D.A.; Meziane, H.; Reilly, P.; Minowa, O.; Kelswy, L.; Consortium, International Mouse Phenotyping; Tocchini-Valentini, G. P.; Gao, X.; Bradley, A.; Skarnes, W.C.; Moore, M.; Beaudet, A. L.; Justice, M. J.; Seavitt, J.; Dickinson, M. E.; Wurst, W.; De Angelis, M.H.; Herault, Y.; Wakana, S.; Nutter, L. M. J.; Flenniken, A. M.; McKerlie, C.; Murray, S. A.; Svenson, K. L.; Braun, R. E.; West, D.B.; Lloyd, K. C. K.; Adams, D.J.; White, J.; Karp, N.; Flicek, P.; Smedley, D.; Meehan, T. F.; Parkinson, H.E.; Teboul, L.M.; Wells, S.; Steel, K. P.; Mallon, A. M.; Brown, S. D. M., A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction, *Nat Commun*, 2017, 8, 1, 886
- [44/51]: Biagosch, C.; Ediga, R. D.; Hensler, S. V.; Faerberboeck, M.; Kuehn, R.; Wurst, W.; Meitinger, T.; Kölker, S.; Sauer, S.; Prokisch, H., Elevated glutaric acid levels in Dhtkd1-/Gcdh- double knockout mice challenge our current understanding of lysine metabolism, *Biochim Biophys Acta*, 2017, 1863, 9, 2220-2228
- [45/51]: Beckervordersandforth, R.; Ebert, B.; Schäffner, I.; Moss, J.; Fiebig, C.; Shin, J.; Moore, D. L.; Ghosh, L.; Trincherro, M. F.; Stockburger, C.; Friedland, K.; Steib, K.; von Wittgenstein, J.; Keiner, S.; Redecker, C.; Hölter, S. M.; Xiang, W.; Wurst, W.; Jagasia, R.; Schinder, A. F.; Ming, G. L.; Toni, N.; Jessberger, S.; Song, H.; Lie, D. C., Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis, *Neuron*, 2017, 93, 6, 1518
- [46/51]: Beckervordersandforth, R.; Ebert, B.; Schäffner, I.; Moss, J.; Fiebig, C.; Shin, J.; Moore, D. L.; Ghosh, L.; Trincherro, M. F.; Stockburger, C.; Friedland, K.; Steib, K.; von Wittgenstein, J.; Keiner, S.; Redecker, C.; Hölter, S. M.; Xiang, W.; Wurst, W.; Jagasia, R.; Schinder, A. F.; Ming, G. L.; Toni, N.; Jessberger, S.; Song, H.; Lie, D. C., Role of Mitochondrial Metabolism in the Control of Early Lineage Progression and Aging Phenotypes in Adult Hippocampal Neurogenesis, *Neuron*, 2017, 93, 3, 560-573.e6
- [47/51]: Angeli, J. P. F.; Shah, R.; Pratt, D. A.; Conrad, M., Ferroptosis Inhibition: Mechanisms and Opportunities, *Trends Pharmacol Sci*, 2017, 38, 5, 489-498
- [48/51]: Biagosch, Caroline, From Novel Disease Genes to New Mouse Models - A Complementary Approach, 2017, Dissertation, 135 Seiten
- [49/51]: Doll, Sebastian Gerhard, Identification of new pathway members of ferroptotic cell death, 2017, Dissertation, 178 Seiten
- [50/51]: Kremer, Laura Sophie, Discovery and validation of coding and non-coding pathogenic variants in mitochondrial disorders, 2017, Dissertation, 95 Seiten

[51/51]: Weiß, Stefan Johann Andreas, The role of *Glypican 4* during mouse brain development, 2017, Dissertation, 162 Seiten