**Magdalena Götz**

**Date of Birth:** January 17, 1962

**Address:** Director, Institute of Stem Cell Research

 Helmholtz Zentrum München

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 LMU: <http://www.genom.physiol.med.uni-muenchen.de/index.html>

**Education**

July, 2000 Habilitation (Zoology)

July, 1992 PhD-Thesis (summa cum laude)

1989-1992 PhD at the Friedrich-Miescher Instituteof the Max-Planck Society, Tübingen, Germany

Nov., 1989 Diplome of Biology, University of Tübingen, Germany

1982-1989 Study of Biology at the University of Tübingen, Germany,

 andZürich, Switzerland

1981-1982 Study of Philosophy at the University of Heidelberg, Germany

June, 1981 Abitur, Bunsen Gymnasium, Heidelberg, Germany

1968-1981 Primary and High School in Heidelberg, Germany

**Professional Experience**

Since 2011 W3 Research Professor (Reduced teaching); Chair of Physiological Genomics, LMU

2011 Offer for Director of Leibniz Institute of Aging/Friedrich Lippmann Institute

since 12.2004 Chair of Physiological Genomics, Medical Faculty, LMU Munich,Germany

since 01.2004 Director, Stem Cell Institute, GSF – since 01.01.2008: Helmholtz ZentrumMünchen, Neuherberg-Munich, Germany

07.1997 – 12.2003 Research group leader at the Max-Planck Institute of Neurobiology, Munich-Martinsried, Germany

01.1997 – 06.1997 Scientist at the Max-Planck Institute of biophysical Chemistry,

 Göttingen, Germany

06.1994 – 12.1996 Postdoctoral Scientist at SmithKline Beecham Harlow, U.K.

05.1993 – 05.1994 Postdoctoral fellow at the National Institute for Medical Research, London, U.K.

08.1992- 04.1993 Postdoctoral fellow at the Friedrich-Miescher Institute of the Max-Planck Society, Tübingen, Germany

**Editorial Board Member**

Editor for Development from July 2010-March 2015; Associate Editor for the Journal of Neuroscience from 2006 – 2012;

Editorial Board:

Cell Stem Cell, Development, EMBO Journal, Journal of Neuroscience, Glia, Neurogenesis, BMC Developmental Biology, Cell Adhesion and Migration, Frontiers in Neurogenesis, Current Opinion in Genetics and Development, Genes and Development until January 2014

**Board Memberships**

Grant panels:

Member of the advanced ERC Grant Panel (since 2016); Member of the German Research Council Neuroscience Panel (Fachkollegium) (2008-2016);Member of the Leibniz Award Panel of the German Research Council (2013-2016); Member of the Wellcome Trust Neuroscience Panel (2005-2007)

Member of the Advisory Board of the:

Excellence Cluster NeuroCure, Berlin, Germany; Fritz-Lippmann Institute for Aging Research, Jena, Germany; ICM, Paris, France; InstitutFer a Moulin, Paris, France;Cambridge Stem Cell Institute, Cambridge, UK; Synergy, Munich, Germany, SFB 870, Munich, Germany, und GSN, Munich, Germany.

Past Advisory Board Member:

MDC, Berlin, Germany (2011-2016); Max-Planck Institute for Molecular Cell Biology and Genetics, Dresden, Germany (2011-2013);MRC Neurodevelopment Centre, London, UK (-2012); NCCR, Zürich, Switzerland (-2012); Netherlands Institute for Neuroscience (2007 – 2012); Society of Genetics/GesellschaftfürGenetik (GfG) (-2012);ESTOOLS (-2011)

**Organisation of international conferences**

Euroglia 2007, Estools 2010, ISDN 2010, Organisatorial Board: Euroglia Berlin 2013; EMBO Stem Cell Meeting 2014, ISSCR 2018.

**Awards and Honors**

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| --- | --- |
| May 2017 | Roger de Spoelberch Prize |
| February 2016 | Member of the Royal Academy of Pharmacy of Spain |
| September 2015 | German Stem Cell Network Female Scientist Award |
| March 2015 | Carl-Zeiss Price of the German Society for Cell Biology |
| September 2014 | Ernst Schering Preis |
| October 2013 | External Member of the Max-Planck-Society, Max-Planck Institute of Biochemistry, Martinsried |
| June 2013 | Remedios Caro Almela Prize on Developmental Neurobiology |
| June 2010 | Federal Cross of Merit on Ribbon |
| October 2008 | Hans und Ilse Breuer Award |
| October 2008 | Member of the LeopoldinaAcademy |
| March 2007 | Gottfried-Wilhelm Leibniz Award |
| January 2007 | Familie Hansen Award |
| June 2006 | EMBO Member |
| May 2006 | Member of Academia Europaea, London, UK |
| 01.1998 – 12.2003 | Max-Planck C3-Professorship Award for outstanding Women in Science |
| June, 1993 | Otto-Hahn-Award of the Max-Planck Society for outstanding Thesis work |
| 1986 – 1989 | Fellow of the Studienstiftung des Deutschen Volkes |

## Peer reviewed publications

Falk S., Bugeon S., Ninkovic J., Pilz G.-A., Postiglione M.-P., Cremer H., Knoblich J.A. and **Götz M.** (2017) Time-Specific Effects of Spindle Positioning on Embryonic Progenitor Pool Composition and Adult Neural Stem Cell Seeding. NeuronDOI:

10.1016/j.neuron.2017.02.009. Highlighted byVanderhaeghen P., Neuron doi: 10.1016/j.neuron.2017.02.015

Gascón S., Ortega F. and **Götz M.** (2017) Transient Creb-mediated transcription is Key in direct neuronal reprogramming. Neurogenesis doi/full/10.1080/
23262133.2017.1285383.

Supplie L., Düking T., Campbell G., Diaz F., Moraes C., **Götz M.**, Hamprecht B., Mahad D., Boretius S., and Nave K.-A. (2017) Respiration-deficient astrocytes survive as glycolytic cells in vivo. Journal of Neuroscience, *in press*

*2016*

Ramesh V.\*, Bayam E.\*,Cernilogar F.M.,Bonapace I.M, Schulze M., Riemenschneider M.J.,Schotta G. and**Götz M.** (2016) Loss of Uhrf1 in neural stem cells leads to activation of retroviral elements and delayed neurodegeneration**.**
Genes & Development 30, 2199-2212.

Falkner S.\*, Grade S.\*, Dimou L., Conzelmann K.-K., Tobias Bonhoeffer, **Götz M.\*** andHübener M.\*(2016) Transplanted embryonic neurons integrate into adult neocortical circuits. Nature 539, 248-253. Highlighted by Grealish and Parmar, Cell Stem Cell 19, 679-680.

Köferle A., Worf K., Breunig C., Baumann V., Herrero J., Wiesbeck M., Hutter L.H., **Götz M.**, Fuchs C., Beck S. and Stricker S.H. (2016) CORALINA: A universal method for the generation of gRNA libraries for CRISPR-based screening. BMC Genomics 17, DOI 10.1186.

Garcia-Caceres C., Carmelo Q., Varela L, Gao Y., Gruber T., Legutko B., Jastroch M., Johansson P., Ninkovic J., Yi C-X., Le Thuc O., Szigeti-Buck K., Cai W., Meyer C.W., Pfluger P.T., Fernandez A.M., Luquet S., Woods S.C., Torres-Alemán I., Kahn C.R., **Götz M.**, Horvath T.L.and Tschöp M.H. (2016) Astrocytic insulin signaling couples brain glucose uptake with nutrient availability. Cell 166, 867-80.

Martínez M.A.M., Romero C.D.J., Fernández V., Cárdenas A., **Götz M.**and Borrell V. (2016) A restricted period for formation of Outer Subventricular Zone defined by Cdh1 and Trnp1 levels. Nature Communications7, 1-15*.*

Gascón S.\*, Murenu E.\*, Masserdotti G., Ortega F., Russo G.L., Petrik D., Deshpande A., Heinrich C., Karow M., Robertson S.P., Schroeder T., Beckers J., Irmler M., Berndt C., Angeli J.P., Conrad M., Berninger B. and**Götz M.** (2016) Identification and Successful Negotiation of a Metabolic Checkpoint in Direct Neuronal Reprogramming. Cell Stem Cell 18, 396-409.Highlighted by Quadrato et al., Cell Stem Cell 18, 297-299.

*2015*

Lahiri S., Sun N., Solis-Mezarino V., Fedisch A., Ninkovic J., Feuchtinger A., **Götz M.**, Walch A.K. and Imhof A. (2015) In situ detection of histone variants and modifications in mouse brain using imaging mass spectrometry. Proteomics 16, 437-447.

Sirko S., Irmler M., Gascón S., Bek S., Schneider S., Dimou L., Obermann J., De Souza Paiva D., Poirier F., Beckers J., Hauck S.M., Barde Y.A. and **Götz M.** (2015) [Astrocyte reactivity after brain injury - The role of galectins 1 and 3.](http://www.ncbi.nlm.nih.gov/pubmed/26250529)Glia 63, 2340-2361.

Kyrousi C., Arbi M., Pilz G.-A., Pefani D.E., Lalioti M.E., Ninkovic J., **Götz M.**, Lygerou Z. and Taraviras S. (2015) Mcidas and GemC1 are key regulators forthe generation of multiciliated ependymal cells in the adult neurogenic niche. Development 142, 3661-3674.

Huettl R.-E., Eckstein S., Stahl T., Petricca S., Ninkovic J., **Götz M.**and Huber A. B. (2015) Functional dissection of the Pax6 paired domain:Roles in neural tube patterning and peripheralnervous system development. Developmental Biology, pii: S0012-1606(15)30051-8.

Masserdotti G.\*, Gillotin S.\*, Sutor B., Drechsel D., Irmler M., Jørgensen H.F., Sass S., Theis F.J., Beckers J., Berninger B., Guillemot F.\* and **Götz M.\***(2015) Transcriptional mechanisms of proneural factors and REST in regulating neuronal reprogramming of astrocytes. Cell Stem Cell 17, 74 – 88.Highlighted by Wang et al., Cell Stem Cell 17, 1-3.

Barbosa J., Sanchez Gonzalez R., Di Giaimo R., Baumgart E.V., Theis, F.J., **Götz M.** and Ninkovic J. (2015) Live imaging of adult neural stem cell behavior in the intact and injured zebrafish brain. Science 348, 789 – 793.

Calzolari F., Michel J., Baumgart E., Theis F., **Götz M.\*** and Ninkovic J.\*(2015)Fast clonal expansion and limited neural stem cell self-renewal in the adult subependymal zone. Nature Neuroscience 18, 490 – 494.

Aida T., Yoshida J., Nomura M., Tanimura A., Lino Y., Soma M., Bai N.,Ito Y., Cui W., Aizawa H., Yanagisawa M., Nagai T., Takata N.,Tanaka K.F., Takayanagi R., Kano M., **Götz M**., Hirase H. and Tanaka K. (2015) Astroglial Glutamate Transporter Deficiency Increases SynapticExcitability and Leads to Pathological Repetitive Behaviorsin Mice. Neuropsychopharmacology 40, 1569-1579.

Bergami M., Masserdotti G., Temprana S.G., Motori E., Eriksson T.M., Göbel J.,Yang S.M.,4 Conzelmann K-K., Schinder A.F.,**Götz M.** and Berninger B. (2015) A Critical Period for Experience-DependentRemodeling of Adult-Born Neuron Connectivity. Neuron 85, 710–717.

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Heinrich C.\*, Bergami M.\*, Gascon S., Lepier A., Viganó F., Dimou L., Sutor B., Berninger B\*. and**Götz M.\*** (2014). Sox2-mediated conversion of NG2 glia into induced neurons in the injured adult cerebral cortex. Stem Cell Reports 3, 1000-1014.

Beckervordersandforth R., Deshpande A., SchäffnerI., Huttner H.B., Lepier A., LieD.C., and Götz M. (2014) In vivo targeting of adult neural stem cells in the dentate gyrus by a split-Cre approach. Stem Cell Reports 2, 153-162.

Schmidt M.-T., Weinandy F., Wilsch-Bräuninger M., Huttner W.B., Cappello S., **Götz M.** (2014) The role of α-E-catenin in cerebral cortex development: radial glia specific effect on neuronal migration. Frontiers in Cellular Neuroscience 8, 215.

Agoston Z., Heine P., Brill M.S., Grebbin B.M., Hau A.-C.,
Kallenborn-Gerhardt W., Schramm J., **Götz M.**, and Schulte D. (2014) Meis2 is a Pax6-cofactor in neurogenesis and dopaminergic periglomerular fate specification intheadult olfactory bulb. Development 141, 28-38.

*2013*

Motori E., Puyal J., Toni N., Ghanem A., Angeloni C., Malaguti M., Cantelli-Forti G., Berninger B., Conzelmann K.-K., **Götz M.**, Winklhofer K., Hrelia S. and Bergami M. (2013) Inflammation-Induced Alteration of AstrocyteMitochondrial DynamicsRequires Autophagyfor Mitochondrial Network Maintenance. Cell Metabolism 18, 844-59.

Viganò F., Möbius W., **Götz M.** and Dimou L. (2013) Transplantation reveals regional differences in oligodendrocyte differentiation in the adult brain. Nature Neuroscience 16, 1370-1372.

Cappello S., Gray M.J., Badouel C., Lange S., Einsiedler M., Srour M., Chitayat D., Hamdan F.F., Jenkins Z.A., Morgan T., Preitner N., Uster T., Thomas J., Shannon P., Morrison V., Di Donato N., Van Maldergem L., Neuhann T., Newbury-Ecob R., Swinkells M., Terhal P., Wilson L.C., Zwijnenburg P.J.G., Sutherland-Smith A.J., Black M.A., Markie D., Michaud J.L., Simpson M.A., Mansour S., McNeill H., **Götz M.** and Robertson S.P. (2013) Mutations in genes encoding the cadherin receptor-ligand pair DCHS1 and FAT4 disrupt cerebral cortical development. Nature Genetics 45, 1300-8.Highlighted by Faculty of 1000

Ninkovic J., Steiner-Mezzadri A., Jawerka M., Akinci U., Masserdotti G., Petricca S., Fischer J., von Holst A., Beckers J., Lie C.D., Petrik D., Miller E., Tang J., Wu J., Lefebvre V., Demmers J., Eisch A., Mezger D., Crabtree G., Irmler M., Poot R. and **Götz M.** (2013) The BAF complex interacts with Pax6 in adult neural progenitors to establish a neurogenic cross-regulatory transcriptional network. Cell Stem Cell13, 403-418.Highlighted by Jacklin and Fishell, Cell Stem Cell 13, 373-374 and Faculty of 1000

Pilz G.-A., Shitamukai A., Reillo I., Pacary E., Schwausch J., Stahl R., Ninkovic J., Snippert H.J., Clevers H., Godinho L., Guillemot F., Borrell V., Matsuzaki F. and **Götz M.** (2013) Amplification of progenitors in the mammalian telencephalon includes a novel radial glial cell type. Nature Communications 4, 2125.

Robins S., Stewart I., McNay D., Taylor V., Giachino C., **Götz M.**, Ninkovic J., Briancon N., Maratos-Flier E., Flier J.S., Kokoeva M.V. and Placzek M. (2013) Alpha-tanycytes of the adult hypothalamic third ventricle include distinct populations of FGF-responsive neural progenitors. Nature Communications 4, 2049.

Stahl R., Walcher T., De Juan Romeo C., Pilz G.A., Cappello S., Irmler M., SanzAnquela J.M., Beckers J., Blum R., Borrell V. and **Götz M.** (2013) Trnp1 regulates expansion and folding of the mammalian cerebral cortex by control of radial glial fate. Cell 153, 535-49.Highlighted by Nature, Science and Embo Journal.

Sirko S.\*, Behrendt G.\*, Johansson P., Tripathi P., Costa M., Bek S., Heinrich C., Tiedt S., Colak D., Dichgans M., Fischer I.R., Plesnila N., Staufenbiel M., Haass C., Snapyan M., Saghatelyan A., Tsai L.-H., Fischer A., Grobe K., Dimou L. and **Götz M.** (2013) Reactive glia in the injured brain acquire stem cell properties in response to sonic hedgehog. Cell Stem Cell 12, 426-439.Highlighted in Embo reports

Bardehle S., Krüger M., Schwausch J., Ninkovic J., Clevers H., Snippert H.J., Buggenthin F., Theis F.J., Meyer-Luehmann M., BechmannI., Dimou L. and **Götz M.** (2013) Live imaging of astrocyte responses to acute injury reveals selective juxtavascular proliferation. Nature Neuroscience16, 580-586.Highlighted in Embo reports

Walcher T., Xie Q., Sun J., Irmler M., Beckers J., Öztürk T., Niessing D., Stoykova A., Cvekl A., Ninkovic J. and **Götz M.** (2013) Molecular mechanisms of coordinating neurogenesis and proliferation –functional dissection of the paired domain of Pax6. Development 140, 1123-36.

Johansson P.A., Irmler M., Acampora D., Beckers J., Simeone A. and **Götz M.** (2013) The transcription factor Otx2 regulates chroroid plexus development and function. Development 140, 1055-1066.Highlighted by Faculty of 1000

Behrendt G., Baer K., Buffo A., Curtis M.A., Faull R.L., Rees M.I., **Götz M.** and Dimou L. (2013) Dynamic changes in myelin aberration and oligodendrocyte generation in chronic amyloidosis in mice and men. Glia 61, 273-286.

Deshpande A., Bergami M., Ghanem A., Conzelmann K.K., Lepier A., **Götz M.** and Berninger B. (2013) Retrograde monosynaptic tracing reveals the temporal evolution of inputs onto new neurons in the adult dentate gyrus and olfactory bulb. PNAS110(12), E1152-61.

Xie Q., Yang Y., Huang J., Ninkovic J., Walcher T, Wolf L., Vitenzon A., Zheng D., **Götz M.**, Beebe D.C., Zavadil J., Cvekl A. (2013) Pax6 interactions with chromatin and identification of its novel direct target genes in lens and forebrain. PLOS One8(1):e54507.

Decarolis N.A., Mechanic M., Petrik D., Carlton A., Ables J.L., Malhotra S., Bachoo R., **Götz M.**, Lagace D.C. and Eisch A.J. (2013) In vivo contribution of nestin- and GLAST-lineage cells to adult hippocampal neurogenesis. Hippocampus 23, 708 - 719.

*2012*

Cappello S., Böhringer C.R.J., Bergami M., Conzelmann K.-K., Ghanem A., Tomassy G.S., Arlotta P., Mainardi M., Allegra M., Caleo M., van Hengel J., Brakebusch C., and **G****ötzM.** (2012) A radial glia specific role of RhoA in double-cortex formation. Neuron73, 911-924.

Karow M., Sanchez R., Schichor C., Masserdotti G., Ortega F., Heinrich C., Gascon S., Khan M., Lie C., Dellavalle A., Cossu G., Goldbrunner R., **Götz M.**\* and Berninger B.\* (2012) Reprogramming of pericyte-derived cells of the adult human brain into induced neuronal cells. Cell Stem Cell 11, 471-6.

Baumgart E.V., Barbosa J., Bally-Cuif L., **Götz M.** and Ninkovic J. (2012) Stab wound injury of the zebrafish telencephalon – a model for comparative analysis of reactive gliosis. Glia 60, 343-357.

Simon C., Lickert H., **Götz M.** and Dimou L. (2012) Sox10-iCreERT2: A Mouse Line to Inducibly Trace the NeuralCrest and Oligodendrocyte Lineage. Genesis 50, 506-15.

Marinaro C., Pannese M., Weinandy F., Sessa A., Bergamaschi A., Taketo M.M., Broccoli V., Comi G., **Götz M.**, Martino G. and Muzio L. (2012) Wntsignaling has opposing roles in the developing and the adult brain that are modulated by Hipk1. Cerebral Cortex2415-27.

Saulnier A., Keruzore M, De Clercq S., Bar I., Moers V., Magnani D., Walcher T., Filippis C., Kricha S., Parlier D., Viviani L., Matson C.K., Nakagawa Y., Theil T., **Götz M.**, Mallamaci A., Marine J.-C., Zarkower D. and Bellefroid E.J. (2012) The Doublesex Homolog Dmrt5 is Required for the Development of the Caudomedial Cerebral Cortex in Mammals. Cerebral Cortex 23, 2552-67.

Saab A.S., Neumeyer A., Jahn H.M., Cupido A., Simek A.A.M., Boele H.-J., Scheller A., Le Meur K., **Götz M.**, Monyer H., Sprengel R., Rubio M.E., Deitmer J.W., De Zeeuw C.I. and Kirchhoff F. (2012) Bergmann Glial AMPA Receptors Are Required for Fine Motor Coordination. Science 337, 749-753.

Jafari M., Soerensen J., Bogdanovic R.M., Dimou L., **Götz M.** andPotschka H. (2012) Long-term genetic fate mapping of adult generated neurons in a mouse temporal lobe epilepsy model. Neurobiology of Disease 48, 454-463.

Ohlig S., PickhinkeU., Sirko S., Bandari S., Hoffmann D., Dreier R., Farshi P., **Götz M.** and Grobe K. (2012) An Emerging Role of Sonic hedgehog Shedding as a Modulator of Heparansulfate Interactions. Journal of Biological Chemistry287, 43708-19.

*2011*

Asami M., Pilz G.A., Ninkovic J., Godinho L., Schroeder T., Huttner W.B. and **Götz M.** (2011) The role of Pax6 in regulating the orientation and mode of cell division of progenitors in the mouse cerebral cortex. Development138, 5067-5078.

Robel S., Bardehle S., Lepier A., Brakebusch C.and **Götz M**. (2011) Genetic deletion of Cdc42 reveals a crucial role for astrocyte recruitment to the injury site *in vitro* and *in vivo*. Journal of Neuroscience 31, 12471-82.

Blum R., Heinrich C., Sanchez R., Lepier A., Gundelfinger E.D., Berninger B. and **Götz M.**(2011)Neuronal network formation from reprogrammed rat cortical glial cells. Cerebral cortex 21, 413-424.

Fischer J., Beckervordersandforth R., Tripathi P., Steiner-Mezzadri A., Ninkovic J. and**Götz M.** (2011) Prospective isolation of adult neural stem cells from the mouse subependymal zone.Nature Protocols 6, 1981-1989.

Simon C.,**Götz M**. and Dimou L. (2011) Progenitors in the adult cerebral cortex – cell cycle properties and regulationby physiological stimuli and injury. Glia 59, 869-881.

Ortega F.,Costa M.R., Simon-Ebert T., Schroeder T., **Götz M.**and Berninger B (2011) Using an adherent cell culture of the mouse subependymal zone to study the behavior of adult neural stem cells on a single cell level. Nature Protocols 6, 1847-1859.

Costa M.R., Ortega F., Brill M.S., Beckervordersandforth R., Petrone C., Schroeder T., **Götz M.** and Berninger B. (2011) Continuous live imaging of adult neural stem cell division and lineage progression in vitro. Development 138, 1057-1068. Highlighted by Faculty of 1000

Heinrich C.,Gascón S., Masserdotti G., Lepier A., Sanchez R., Simon-Ebert T., Schroeder T., **Götz M.**and Berninger B. (2011) Generation of subtype specific neurons from postnatal astroglia of the mouse cerebral cortex. Nature Protocols 6, 214 - 228.

Gampe K., Brill M.S., Momma S., **Götz M.**and Zimmermann H. (2011) EGF induces CREB and ERK activation at the wall of the mouse lateral ventricles. Brain Research 1376, 31 - 41.

Winpenny E., Lebel-Potter M., Fernandez M.E., Brill M.S., **Götz M.**, Guillemot F. and Raineteau O. (2011) Sequential generation of olfactory bulb glutamatergic neurons by Neurog2-expressing precursor cells. Neural Development 6,12.

RothenaignerI., Krecsmarik M., Hayes John A., Bahn B., Lepier A., Fortin G., **Götz M.**, Jagasia R. and Bally-Cuif L. (2011) Clonal analysis by distinct viral vectors identifies bona fide neural stem cells in the adultzebrafish telencephalon and characterizes their division properties and fate. Development 138, 1459-1469.

*2010*

Beckervordersandforth R., Tripathi P., Ninkovic J., BayamE., Lepier A., Stempfhuber B., Kirchhoff F., Hirrlinger J., Haslinger A., Chichung L. D., Beckers J., Yoder B.,Irmler M.and **Götz M.** (2010) In vivo fate mapping and expression analysis reveals unique molecular hallmarks of prospectively isolated adult neural stem cells. Cell Stem Cell 7, 744-58.Highlighted by Faculty of 1000

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Jawerka M., Colak D., Dimou L., Spiller C., Lagger S., Montgomery R.L., Olson E.N., Wurst W., Göttlicher M. and **Götz M.**(2010) The specific role of histone deacetylase 2 in adult neurogenesis. Neuron Glia Biology 6, 93-107.

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Mira H.,Andreu Z., Suh H., Lie D.C., Jessberger S., Emeterio J.S., Hortigüela R., Marqués-Torrejón M.A., Nakashima K., Consiglio A., Colak D., **Götz M.**, Fariñas I. and Gage F.H. (2010) Signalling through BMPR-IA regulates quiescence and long-term activity of neural stem cells in the adult hippocampus. Cell Stem Cell 7, 78-89.

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Pinto L., Drechsel D., Schmid M.-T., Ninkovic J., Irmler M., Brill M.S., Restani L., Gianfranceschi L., Cerri C., Weber S.N., Tarabykin V., Guillemot F., Beckers J., Zecevic N., Dehay C., Caleo M., Schorle H.and **Götz M.** (2009)AP2γ regulates basal progenitor fate in a region- and layer-specific manner in the developing cortex. Nature Neuroscience 12, 1229-1237.

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