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Influence of glial cells on postnatal differentiation  
of rat retinal ganglion cells

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Christian Göritz

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1. Gutachter: Dr. Frank W. Pfrieder

2. Gutachter: Prof. Dr. Ferdinand Hucho

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Für Franz Haase

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## ABBREVIATIONS

ABC-G1	ABC transporter G1
Acat 2	acetyl-Coenzyme A acetyltransferase 2
adu	analog-to-digital units
AMPA	amino-3-hydroxy-5-methylisoxazol-4-propionic acid
ApoE	apolipoprotein E
BDNF	brain derived neurotrophic factor
BMP	bone morphogenetic protein
BSA	bovine serum albumin
CV	coefficient of variance
cGMP	cyclic guanosine monophosphate
CNS	central nervous system
CNTF	ciliary neurotrophic factor
CO	carbon monoxide
DHEA	dehydroepiandrosterone
DMEM	Dulbecco's modified eagle's medium
D-PBS	Dulbecco's phosphate buffered saline
EBBS	Earle's balanced salt solution
ECL	enhanced chemoluminescence
EDTA	ethylene-diamine-tetraacetic acid
EPSC	excitatory postsynaptic currents
EST	expressed sequence tag
FCS	fetal calf serum
GABA	$\gamma$ -aminobutyric acid
GCM	glia-conditioned medium
GLA	carboxyglutamic acid
GluR2/3	glutamate receptor 2/3
HO1	heme oxygenase 1
HSP 32	heat-shock protein 32
INSIG	insulin induced gene
LDL	low density lipoprotein
MARIA	muscarinic acetylcholine receptor-inducing activity
MGP	matrix Gla protein

Na <sub>v</sub> channel	voltage-dependent Na <sup>+</sup> channel
NF155	155 kDa splice isoform of neurofascin
NMDA	N-methyl-D-aspartate
NMJ	neuromuscular junction
PDL	poly-D-lysine
PNS	peripheral nervous system
RGC	retinal ganglion cell
sGC	soluble guanylyl cyclase
SNAP 25	soluble synaptosomal-associated Protein of 25 kD
SNARE	soluble NSF attachment protein receptor
SQS	squalene synthase
SRE	sterol regulatory element
SREBP	sterol regulatory element binding protein
STAR	steroidogenic acute regulatory protein
TBS	tris buffered saline
TBS-T	tris buffered saline with Tween-20
TNF $\alpha$	tumor necrosis factor $\alpha$
TLC	thin layer chromatography