Abkürzungen/Abbreviations

2CA	Typ 2CA-amakrine Zellen der Retina	DD	Dauerdunkel
5-MCA-NAT	5-Methoxycarbonylamino-N-Azetyltryptamin	DFG	Deutsche Forschungsgemeinschaft
	5-Methoxycarbonylamino-N-Azetylu yptamin	DMBA	7,12-Dimethylbenz(a)anthrazen
a-, b- und c-Wellen	Retinale elektrische Wellen	DNA	desoxyribonucleic acid
AANAT	Arylalkylamin-N-Azetyltransferase	DOPAC	Abbauprodukt des Dopamins
	Transkript des <i>aanat</i> -Gens	E-Box	
AC	-	L-DOX	Promotor-Erkennungssequenz (CACGTG)
AC ACh	Adenylateyelase	ERG	für Uhrengen-Proteine
ACII ACTH	A draw a continuation to the man and the m		Ether-a-go-go-related-gene (Protein)
	Adrenocorticotropes Hormon	Erg 1,2,3	Isoformen des <i>ether-a-go-go-related-gene</i> fibroblast growth factor 2 (Fibroblasten-
Agl	Außenglieder	FGF2	,
AHA	Area hypothalamica anterior	CADA	wachstumsfaktor)
AII-Zellen	Typ AII-amakrine Zellen der Retina	GABA	gamma aminobutyric acid (Neurotransmit-
alpha-MSH	alpha-Form des Melanocyten stimulieren-	CCI	ter)
ADNE	den Hormons	GCL	ganglion cell layer (Ganglienzellschicht der
ARNT	arylhydrocarbon receptor nuclear transloca-	CCMC	Retina)
4 D ME 121	tor	GCMS	Gas-Chromatographie-Massenspektroskopie
ARNT-like		GFAP	glial fibrillary acid protein (saures Gliafi-
Protein 1	arylhydrocarbon receptor nuclear transloca-	G 1	brillenprotein)
	tor-like protein 1	Gglz	Ganglienzellen
AvaII	Restriktionsenzym AvaII	GH	growth hormone (Wachstumshormon)
Az	amakrine Zellen	Gi	inhibitorisches GTP-bindendes Protein
BclI	Restriktionsenzym BcII	GIP	gastric inhibitory polypeptide (gastrointes-
BfiI	Restriktionsenzym BfiI	CIT D	tinales Hormon)
BMAL1	brain and muscle arylhydrocarbon receptor	GK-Ratte	Goto-Kakizaki-Ratte (Typ2-diabetisches
	nuclear translocator-like protein 1 (Uhren-	CI D	Rattenmodell)
D 11 D111	gen-Protein)	GLP	glucagon like peptide (gastrointestinales
	A Transkript von Bmal1(Uhrengen)	CI 21	Hormon)
BPH	benigne Prostatahyperplasie	Glu21-	
cAMP	cyclisches Adenosinmonophosphat	Glukagon	Glu21-Form des Glukagons
CCK	Cholecystokinin	GLUC	Glukagon
cGMP	cyclisches Guanosinmonophosphat	GlutR3	Glutamat-Rezeptor 3
CGRP	calcitonin gene related polypeptide	GnRH	gonadotropin releasing hormone
CKI1ε	Kaseinkinase 1ε	GPx	Glutathione peroxidase
СΚΙδ	Kaseinkinase δ	Gq	GTP-bindendes Protein q
CLOCK	circadian locomotor output cycles kaput	GSH	reduced glutathione, Glutathion (reduziert)
	(Uhrengen-Protein)	GSSG	oxidized glutathione, Glutathion (oxidiert)
	Transkript des Clock-Gens	GTP	Guanosintriphosphat
CLSM	Konfokale Laser-Scanning Mikroskopie	HALO	hours after lights on
CMZ	circumferential marginal zone	HERG	human ether-a-go-go-related-gene (Protein)
CRE	cAMP-response element	HIF1a	hypoxia-inducible factor 1, alpha subunit
CREB	CRE-binding protein	HIOMT	Hydroxyindol-O-methyltransferase
CRH	corticotropin releasing hormone	HPLC	high performance liquid chromatography
Cry1-mRNA	Transkript von Cryptochrome 1 (Uhrengen)	Hz	Horizontalzelle der Retina
Cry2-mRNA	Transkript von Cryptochrome 2 (Uhrengen)	ICER	inducible cAMP early repressor
D2/D4	Dopamin-Rezeptoren	IGF-1	insulin-like growth factor 1 (Insulin-ähnli-
DAG	Diacylglycerin		cher Wachstumsfaktor)
dbp	albumin-D-element binding protein	Igl	Innenglieder der Retina

INCL interfuedent apper (Stratum plexiforme num) der Retina IP3 Inositolriphosphat IP4 inner plexiform layer (Stratum plexiforme intermun) der Retina IP5 inner plexiform layer (Stratum plexiforme intermun) der Retina IP6 inner plexiform layer (Stratum plexiforme intermun) der Retina IP7 INCL inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiform layer (Stratum plexiforme intermun) der Retina III Inner plexiforme later la	INII	immon musloon loven (Stuatum muslooms inton	D2	David 12 (Illinon com)
Pin Pinealorgan Pin Pinealorgan Pin Pinealorgan Pin Pinealorgan Pin Pinealorgan Pin Pinealorgan Pinealorgan Pin Pinealorgan	INL	inner nuclear layer (Stratum nucleare inter-	Per2	Period 2 (Uhrengen)
internamy der Retina internum/ der Retina intern	ID2	,		
internum) der Retina internum) der Retina infill Immunreaktive Zellen IUPHAR Receptor nomenclature committee L: D Licht: Dunkel-Zyklus PARα peroxisome proliferator activated receptor α PRL Propiomelancocrtin PRP Propiomicancocrtin PRP Propiomical Propio				•
ir/IR Immunreaktive Zellen PLC Phospholipase C Proophomelanocortin L:D Licht: Duakel-Zyklus PPARα peroxisome proliferator activated receptor α LH Lutelinisierendes Hormon PRL Prolaktin LHRI Telesing hormone des luteinisierenden PT Pars tuberalis LL Dauerlicht PT Pars tuberalis Lys17,18 Glukagonagonist Lysin 17,18 PVT Nucleus paraventricularis (paraventricular nucleus of the hypothalamus) MC1-6R Melanocortin-Rezeptoren QR2 quinone reductase type 2 MEL Melanocortin-Rezeptoren RCS Royal College of Surgeons MEL Melatonin RCS Royal College of Surgeons MEL Melatonin receptor-related receptor 1 Rev-Erba Rev-Erba Gen des nucleitene Receptors Rev-Erba MRP multidrug resistance proteins RIH retinal dystrophische Müsse MRP multidrug resistance proteins RIA Radioimunosasy MSH Melanocyten-stimulierendes Hormon RNA rice intil alystrophische Müsse MT1-de Helg-z	IPL			
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Dauerlicht PTX	LHRH	releasing hormone des luteinisierenden		<u> -</u>
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