Curriculum Vitae

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Date and Place of Birth: February 18, 1968; Oristano, Italy

Visa Status: German permanent residency (unbefristet Aufenthaltserlaubnis)
(Citizenship: Italian)

Languages Spoken: Italian, Spanish, English, German

Education:

May 1995	Title of "Specialist" in Biological Sciences, University of Cagliari, Cagliari, Italy.
March 1993	Laurea of Doctor in Biological Sciences, University of Cagliari, Cagliari, Italy. Thesis: Biochemical aspects of the mechanism and site of action of propofol: a new general anesthetic acting on the GABAergic receptor complex.

Research Experience:

April 1997- date	Supported fellow [DFG (Deutsche Forschungsgemeinschaft (German Research Foundation), Ba 932/7-1] - as Research Scientist with Prof. A. Baumgartner at the Department of Radiology and Nuclear Medicine, University Hospital Benjamin Franklin, Free University of Berlin, 12200 Berlin, Germany.
Oct 1997-April 1998	Visiting Scholar supported by the Human Frontiers Science Program Organization (HSFPO) – working with E. Costa, MD, at the University of Illinois at Chicago, Psychiatric Institute, West Taylor Street 1601, Chicago, Illinois 60607, USA.
Nov '96-Oct 2000	Sardinian Fellowship for a Ph.D. program in Medical Sciences (Dr rerum medicarum) at the Free University of Berlin, Berlin, Germany.

Nov '94-Oct '96	University of Cagliari Grant for a Specialist Course in Neuroendocrinology at the Free University of Berlin, Berlin, Germany.
April '94-Oct '96	Supported fellow [DFG (Deutsche Forschungsgemeinschaft, (German Research Foundation) Me 582/7-2] - as Associate Researcher with Prof. H. Meinhold at the Department of Radiological Diagnostics and Nuclear Medicine, University Hospital Benjamin Franklin, Free University of Berlin, 12200 Berlin, Germany.
April '94-June '94	Research Scientist supported by Schering AG to work with Prof. L. Turski at the Department of Neuropsychopharmacology, Schering AG, 13342 Berlin, Germany.
April '93-March '94	Research Scientist supported by a EC grant working with Prof. D.N. Stephens at the Department of Neuropsychopharmacology, Schering AG, 13342 Berlin, Germany.
March 1993	Doctoral Fellowship to work with Prof. G. Biggio at the Department of Experimental Biology, Chair of Pharmacology, University of Cagliari, Cagliari, Italy.
January 1990	Student Research Assistant working with Prof. A. Concas at the Department of Experimental Biology, Chair of Pharmacology, University of Cagliari, Cagliari, Italy.

Awards:

'99-'01	DFG Grant (Ba 932/7-2)
'97-'98	HFSPO Fellowship
'97	DFG Grant (Ba 932/7-1)
'96-'00	Fellowship of the Sardinian Government
1995	Travel award to attend the 8th Sardinian conference on Neuroscience
'94-'96	University of Cagliari Fellowship
'94-'96	DFG Grant (Me 582/7-2)
'94	Schering AG Fellowship
'93-'94	EC Fellowship

Professional Society Memberships: Society for Neuroscience

List of Publications

1. Concas A, Mascia MP, Santoro G, Maciocco E, **Pinna G**, Sanna E and Biggio G: Failure of GABAergic drugs to modulate ^{3}H-Propofol binding. *Neuroscience Research Communication* 15:11-19. 1994.

2. **Pinna G**, Galici R, Schneider H, Stephens DN and Turski L: Effects of ZK93426 on withdrawal syndrome following chronic alprazolam in mice. *Behavioural Pharmacology* 6:86-87. 1995.

3. **Pinna G**, Galici R, Schneider H, Stephens DN and Turski L: Electrophysiological and behavioural evidence that abecarnil suppresses dependence symptoms after alprazolam withdrawal in mice. *Behavioural Pharmacology* 6:88-89. 1995.

4. **Pinna G**, Gaio U, Hessenius C, Campos-Barros A, Musa A and Baumgartner A: Effects of lithium on thyroid hormone metabolism in rat brain. *Behavioural Pharmacology* 6:25-26. 1995.

5. Musa A, Hessenius C, Gaio U, Campos-Barros A, **Pinna G** and Baumgartner A: Effects of carbamazepine on thyroid hormone metabolism in rat brain. *Behavioural Pharmacology* 6:24-25. 1995.

6. Campos-Barros A, Hoell T, Musa A, Sampaolo S, Stoltenburg G, **Pinna G**, Eravci M, Meinhold H and Baumgartner: Characteristics of phenolic and tyrosyl ring iodothyronine deiodination and thyroid hormone concentrations in the human central nervous system. *J. Clin. Endocr. & Metab*. 81:2179-2185. 1996.

7. **Pinna G**, Hiedra L, Hoell T, Stoltenburg G, Eravci M, Finke R, Meinhold H and Baumgartner: 3,5-diiodothyronine levels are increased in patients with nonthyroidal illnesses. *Jahrbuch* 1996. Band 2:306-307. 1996.

8. Baumgartner A, **Pinna G**, Hiedra L, Gaio U, Hessenius C, Campos-Barros A, Eravci M, Prengel H, Thoma R and Meinhold H: Lithium and carbamazepine affect thyroid hormone metabolism in rat brain. *Neuropsychopharmacology* 16:25-41. 1997.

9. **Pinna G**, Galici R, Schneider H, Stephens DN and Turski L: Alprazolam dependence prevented by substituting with the ß-carboline abecarnil. *Proc. Natl. Acad. Sci. USA* 94:2719-2723. 1997.

10. Baumgartner A, Eravci M, **Pinna G**, Hiedra L, Prengel H, Broedel O and Meinhold H: Thyroid hormone metabolism in the rat brain in an animal model of "behavioral dependence" on ethanol. *Neuroscience Letter*s 227:25-28. 1997.

11. **Pinna G**, Meinhold H, Hiedra L, Thoma R, Hoell T, Gräf K-J, Stoltenburg-Didinger G, Eravci M, Prengel H, Broedel O, Finke R and Baumgartner: Elevated 3,5-

diiodothyronine concentrations in the sera of patients with nonthyroidal illnesses and brain tumors. *J. Clin. Endocr. & Metab*. 82:1535-1542. 1997.

12. Eravci M, Großpietsch T, **Pinna G**, Schulz O, Kley S, Bachmann M, Wolffgramm J, Götz E, Heyne A, Meinhold H and Baumgartner A: Dopamine receptor gene expression in an animal model of "behavioral dependence" on ethanol. *Molecular Brain Res*. 50:221-229. 1997.

13. Baumgartner A, **Pinna G**, Hiedra L, Bauer F, Wolf J, Eravci M, Prengel H, Broedel O and Meinhold H: Effects of acute administration of ethanol and the μ-opiate agonist etonitazene on thyroid hormone metabolism in rat brain. *Psychopharmacology* 135:63-69. 1998.

14. Baumgartner A., Hiedra L., **Pinna G**., Eravci M., Prengel H., Meinhold H: Rat brain type II 5`iodothyronine deiodinase activity is extremely sensitive to stress. *J Neurochem* 71:817-826. 1998.

15. Galici R, **Pinna G**, Schneider H, Stephens DN, and Turski L: Tolerance to and dependence on alprazolam are due to changes in $GABA_A$ receptor function and are independent of exposure to experimental setup. *Restor Neurol Neurosci*. 12:233-237. 1998.

16. **Pinna G**., Hiedra L., Meinhold H., Eravci M., Prengel H., Brödel O., Gräf K.-J., Stoltenburg-Didinger G., Baumgartner A: 3,3'-Diiodothyronine concentrations in the sera of patients with nonthyroidal illnesses and brain tumors, and of healthy subjects during acute stress. *J. Clin. Endocr. & Metab*. 83:3071-3077. 1998.

17. Eravci M, Kley S, **Pinna G**, Prengel H, Brödel O, Hiedra L, Meinhold H and Baumgartner A: Gene expression of glucose transporters and glycolytic enzymes in the CNS of rats behaviorally dependent on ethanol. *Mol Brain Res*. 65(1):103-111. 1999.

18. **Pinna G**, Hiedra L, Prengel H, Brödel O, Eravci M, Meinhold H and Baumgartner A: Extraction and quantification of thyroid hormones in selected regions and subcellular fractions of the rat brain. *Brain Res Protocols*. 4:19-28. 1999.

19. Matsumoto K, Uzunova V, **Pinna G**, Taki K, Uzunov DP, JM Mienville, Watanabe H, Guidotti A and Costa E: Permissive role of brain allopregnanolone content in the regulation of pentobarbital-induced righting reflex loss. *Neuropharmacology* 38:955-963. 1999.

20. Prengel H, Brödel H, Hiedra L, **Pinna G**, Eravci M, Meinhold H and Baumgartner A: Effects of tranylcypromine on thyroid hormone metabolism and concentrations in rat brain. *Neuropharmacology* 39:99-109. 2000.

21. **Pinna G**, Uzunova V, Matsumoto K, Puia G, Mienville JM, Costa E and Guidotti A: Brain allopregnanolone regulates the potency of the $GABA_A$ receptor agonist muscimol. *Neuropharmacology* 39:440-448. 2000.

22. Eravci M, **Pinna G**, Meinhold H and Baumgartner A: Effects of pharmacological and nonpharmacological treatments on thyroid hormone metabolism and concetrations in rat brain. *Endocrinology* 141 (3):1027-1040. 2000.

23. Eravci M, Schulz O, Großpietsch T, **Pinna G**, Brödel O, Meinhold H and Baumgartner A: Gene expression of receptors and enzymes involved in GABAergic and glutamatergic neurotransmission in the CNS of rats behaviorally dependent on ethanol. *British Journal of Pharmacology* 131:423-432. 2000.

Poster and slide presentations:

1. **Pinna G**, Galici R, Schneider H, Turski L and Stephens DN: ß-carboline agonist abecarnil prevents withdrawal syndrome induced by chronic treatment with alprazolam. *Behavioural Pharmacology* 5:101. 1994. Poster.

2. **Pinna G**, Galici R, Schneider H, Turski L and Stephens DN: ß-carboline antagonist ZK 93426 precipitates a severe withdrawal syndrome in a model of alprazolam discontinuation. *Behavioural Pharmacology* 5:102. 1994. Poster.

3. **Pinna G**, Galici R, Schneider HH, Stephens DN and Turski L: Alprazolam dependence prevented by substituting with the ß-carboline abecarnil. *Society for Neuroscience Abstract*. 21:2099. 1995. Poster.

4. Gaio U, **Pinna G**, Eravci M, Hessenius C, Campos-Barros A, Musa A, J Mihic, Meinhold H and Baumgartner A: Lithium and carbamazepine affect intracellular thyroid hormone metabolism in the rat CNS. *Society for Neuroscience Abstract*. 21:880. 1995. Poster.

5. **Pinna G**, Rojas-Hiedra JL, Musa A, Campos-Barros A, Baumgartner A and Meinhold H: Rat brain 3,5-T2 concentrations measured by radioimmunoassay. 11. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1995. Slides.

6. **Pinna G**, Kley S, Eravci M, Wolffgramm J and Baumgartner A: Effects of ethanol on trascription of enzymes involved in glucose uptake and metabolism in rat brain. *Behavioural Pharmacology* 7:88. 1996. Poster.

7. Eravci M, Kley S, **Pinna G**, Wolffgramm J and Baumgartner A: Effects of chronic ethanol administration on $GABA_A$ receptor gene expression in rat brain. *Behavioural Pharmacology* 7:36. 1996. Poster.

8. **Pinna G**, Eravci M, Kley S, Wolffgramm J and Baumgartner A: $GABA_A$ receptor gene expression in CNS of rats "behaviourally dependent" to ethanol. *Society for Neuroscience Abstract*. 22:1287. 1996. Poster.

9. **Pinna G**, Hiedra L, Baumgartner A and Meinhold H: Low-T3-syndrome and elevated 3,5-diiodothyronine in nonthyroidal illness. 12. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1996. Slides.

10. Eravci M, Grospietsch T, **Pinna G**, Kley S, Schulz O, Meinhold H and Baumgartner A: Dopamine receptor gene expression in an animal model of "behavioral dependence" on ethanol. *J Molecular Medicine* 75: 288. 1997. Poster.

11. **Pinna G**, Hiedra L, Eravci M, Meinhold H and Baumgartner A: 3,5- and 3,3'-diiodothyronine serum and tissue levels in nonthyroidal illness. *J Endocrinol. Invest*. 20: 114. 1997. Slides.

12. **Pinna G**, Hiedra L, Eravci M, Meinhold H, Prengel H and Baumgartner A: Rat brain thyroid hormone concentrations and metabolism are extremely sensitive to stress. *Society for Neuroscience Abstract*. 23:1085. 1997. Poster.

13. Partl S, Schaeper F, **Pinna G**, Mascia MP, Herbst H, Hummel and Stoltenburg-Didinger G: GFAP gene expression is altered in young rats following developmental low level lead exposure. *Society for Neuroscience Abstract*. 23:2298. 1997. Poster.

14. Eravci M, Grospietsch T, **Pinna G**, Kley S, Schulz O, Meinhold H and Baumgartner A: Dopamine receptor gene expression in CNS of rats "behavioral dependence" on ethanol. *Society for Neuroscience Abstract*. 23:2401. 1997. Poster.

15. Prengel H, Hiedra L, Brödel O, **Pinna G**, Meinhold and Baumgartner A: T3-Konzentrationenverteilung in subzellulären Fraktionen verschiedener Areale des Rattenhirns. 13. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1997. Slides.

16. **Pinna G** and Meinhold H: 3,3'-T2 levels in non-thyroidal illness and brain tumors. 13. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1997. Slides.

17. Matsumoto K, Uzunova V, **Pinna G**, Taki K, Uzunov D, Watanabe H, Guidotti A and Costa E: Fluoxetine normalizes the social isolation-induced decrease of pentobarbital sleeping time by increasing brain allopregnanolone (ALLO) content. *Society for Neuroscience Abstract*. 24:346. 1998. Poster.

18. **Pinna G**, Uzunova V, Mienville JM, Larson J, Costa E and Guidotti A: Brain allopregnanolone regulates the potency of the $GABA_A$ receptor agonists muscimol and pentobarbital. *Society for Neuroscience Abstract*. 24:346. 1998. Poster.

19. Eravci M, Prengel H, Brödel, Hiedra L, **Pinna G**, Meinhold H and Baumgartner A: Antidepressant drugs enhance triiodothyronine concentrations in mitochondria and myelin from rat amygdala. *Society for Neuroscience Abstract*. 24:1492. 1998. Poster.

20. Prengel H, Brödel O, Hiedra L, **Pinna G**, Eravci M, Meinhold H and Baumgartner A: Effekte von Antidepressiva auf die T3-Gewebskonzentrationen in subzellulären Fraktionen verschidener Areale des Rattenhirns. 14. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1998. Slides.

21. **Pinna G**, Hiedra L, Meinhold H and Baumgartner A: 3,3'-diiodothyronine levels are regulated in a disease-specific manner in patients with nonthyroidal illness. UKBF *Jahrbuch* 1998. Band 1:437. 1998. Poster.

22. Brödel H, Eravci M, **Pinna G**, Baumgartner A and Meinhold H: Effekte pharmakologischer und nichtpharmakologischer Behandlungsformen auf Schilddrüsenhormonkonzentrationen und -metabolismus im Rattenhirn. 15. *Arbeitstagung Experimentelle Schilddrüsenforschung*. 1999. Slides.

23. Moreno M, Lanni A, Lombardi A, Beneduce L, **Pinna G** and Goglia F: Are the effects of T3 on resting metabolism (RM) in euthyroid rats entirely due to T3 itself? World Thyroid Association. 2000. Slides.

24. Baumgartner A, Eravci M, Brödel O and **Pinna G**: Effects of antidepressant treatment on thyroid hormone concentrations and functions in subcellular fractions of the rat brain. 7th World Congress of Biological Psychiatry. 2001. Slides.

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