



CURRICULUM VITAE

NAME: Tomáš Páleníček
TITLE: MD, Ph.D.
DATE AND PLACE OF BIRTH: 18.12.1976, Prague
CITIZENSHIP: Czech

DEGREES:

3rd Medical Faculty of Medicine, Charles University, Prague (MD)

Neurosciences at 3rd Medical Faculty of Medicine, Charles University, Prague (Ph.D.)

PROFESSIONAL TRAINING AND EXPERIENCE:

- 1999 - 2000** Somatic and social consequences of drug use (supervisor J. Pachl, MD, CSc.)
- 2000 - 2001** Research of neurobiological mechanisms of drug addiction using microdialysis in freely moving animals (supervisor Pharm.Dr. M. Fišerová, CSc.)
- 1995 - 1997** Contact worker at the Contact Center for addicts (Sananim)
- 1998 - 2001** Passing out the accredited group dynamic psychotherapeutic training SUR
- 1999** Health service at the clinic Detox, Vinohrady hospital, Prague
- 2001 – hitherto** Scientist at Prague Psychiatric Center
- 2001 – 2009** Postgradual studies (Ph.D.) in neurosciences (3rd Medical Faculty, Charles Univ, supervisor Prof. C. Höschl, DrSc.)
- 2005** First Certificate in English (FCE)
- 2005 – hitherto** Assistant professor, teaching neurosciences at 1st Medical Faculty Charles Univ, branch of addictology
- 2009 – hitherto** Assistant professor, teaching psychiatry at 3rd Medical Faculty Charles Univ
- 2006** Passing out the training allowing to work with altered states of consciousness (Stargate)
- 2006 – hitherto** Psychiatrist at Prague Psychiatric Center
- 2010** certification in electroencefalography (Clinical neurophysiology society and Neurological Society ČLS JEP)

PROFESSIONAL ORGANIZATIONS:

- 2003 – hitherto** Czech Neuropsychopharmacological Association, member
- 2006 – hitherto** Erowid.org member
- 2009 – hitherto** member of International Pharmaco-EEG Group (IPEG)

AWARDS AND HONORS

Cena ČNPS za nejlepší poster v oblasti Psychedelika (50. Česko-Slovenská psychofarmakologická konference v Lázních Jeseník ve dnech 9.-13. ledna 2008): Fujáková M., Rohanová M., Kutová M., Páleníček T., Balíková M., Brunovský M. Tišlerová B., Šóš P., Bubeníková-Valešová V. Farmakokinetika, behaviorální a QEEG účinky syntetického psychedelika 2C-B.

Prof. Werner M. Herrmann Memorial Grant od International Pharmacology - EEG society (IPEG) for best poster within conference IPEG 2008, Rouffach, France during days 24.-27.10.2008:

Palenicek T., Fujakova M., Kutova M., Brunovsky M., Horacek J., Sos P., Tislerova B., Bubenikova-Valesova V. Quantitative EEG in glutamatergic and dopaminergic models of psychosis – animal study

EDUCATIONAL ACTIVITIES:

- 2004** Oponent of Tomáš Vejrych's thesis „Extasy and free techno party“
- 2005 – 2008** tutor of Martina Kutová's thesis: The Role of 5-HT1 and 5-HT2 Serotonine Receptors in Mechanism of Synthetic drug 2C-B Effect – Behavioural Study on Rats, Martina Kutová, Faculty of Natural Sciences, Charles Univ., Prague
- 2005 – 2006** tutor of Michaela Fujáková student scientific activity: Influence of a Synthetic Drug 2C-B on EEG Spektrum and EEG Coherence in the Rat – A Potential Model of Psychosis? Michaela Fujáková, 1st Medical Faculty, Charles University, Prague
- 2009 – hitherto** tutor of Filip Tylš student scientific activity, 1. LFUK – „Animal models of psychosis – The role of AMPA glutamatergic receptors in neurobiology of schizophrenia“, Filip Tylš, 1st Medical Faculty, Charles University, Prague

GRANTS AWARDED:

- 2003 – 2006** Ministry of Health, Czech Republic, grant No. NJ-7636-3 (A Acute behavioral changes and acute and chronic toxicity of synthetic psychedelic drugs and their combinations in rats. – Principal investigator)
- 2006 – 2008** Ministry of Health, Czech Republic, grant No. NR-8783-3 (Animal study based on studying mechanism of action of new synthetic drug 2C-B and comparison with common psychotropic substances (LSD, MDMA, psilocin and mescaline): potential risks, implications for prevention and treatment of intoxications. – Principal investigator)
- 2001 - 2004** Ministry of Education, Czech Republic, grant no. LN00B12 (Center of Neuropsychiatric Studies, co-worker)
- 2005 – 2009** Ministry of Education, grant no. 1M0002375201, (Center of Neuropsychiatric Studies, co-worker)
- 2005 – 2011** Ministry of Health, Czech Republic, grant no. MZ0PCP2005, (Research Intention of Ministry of Health, co-worker)
- 2006 – 2008** Ministry of Health, Czech Republic, grant No. 8792-3 (Glutamatergic Theory of Schizophrenia in Animal and Human Model of Disconnection tested by Comparison with Schizophrenic Population, co-worker)
- 2009 – 2011** Ministry of Health, Czech Republic, grant No. 10374-3 (The role of serotonin and noradrenaline reuptake inhibitors as potential antidotes for intoxications with dangerous synthetic drugs 2C-B and DOB – pharmacokinetics, behavioral and QEEG effects - Principal investigator)
- 2009 – 2011** Ministry of Health, Czech Republic, grant No. 10375-3 (Role of metabotropic mGlu2/3 a AMPA glutamatergic receptors in neurobiology of schizophrenia - Principal investigator)
- 2009 – 2011** Ministry of Health, Czech Republic, grant No. 10378-3 (Sex differences in the effect of 3,4-methylenedioxymetamphetamine (MDMA) on cognitive function, neurogenesis and pharmacokinetics parameters - co-worker)
- 2009 – 2011** Ministry of Health, Czech Republic, grant No. 10503-3 (Orální premedikace neošetřitelných pacientů- co-worker)

LIST OF PUBLICATIONS:

Journal publication in English: summary IF – 42.114
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Páleníček T, Fujáková M, Brunovský M, Balíková M, Horáček J, Gorman I, Tylš F, Tišlerová B, Šoš P, Bubeníková-Valešová V, Höschl C, Krajča V. EEG spectral and coherence analysis of ketamine in rats – correlation with behavioral effects and pharmacokinetics. *Neuropsychobiology* 2010, *in press*. **IF (2010) 2.147**

Páleníček T, Balíková M, Rohanová M, Horáček J, Novák T, Fujáková M, Höschl C. Behavioral, hyperthermic and pharmacokinetic profile of *para*-methoxymethamphetamine (PMMA) in rats. *Pharmacol Biochem Behav* 2010, *in press*. **IF (2010) 2.967**

Páleníček T, Hlíňák Z, Bubeníková-Valešová V., Novák T., Horáček J. Sex differences in the effects of N,N-diethyllysergamide (LSD) on behavioural activity and prepulse inhibition. *Prog neuropsychopharmacol Biol Psychiatry*, 2010; 34: 588-596, **IF (2010) 2.823**

Horacek J, Brunovsky M, Novak T, Tislerova B, **Palenicek T**, Bubenikova-Valesova V, Spaniel F, Koprivova J, Mohr P, Balikova M, Hoschl C. Subanesthetic dose of ketamine decreases prefrontal theta cordance in healthy volunteers: implications for antidepressant effect. *Psychol Med.*, 2009; 40(9):1443-51; **IF (2010) 5.012**

Rohanová M, **Páleníček T**, Balíková M. Disposition of 4-bromo-2,5-dimethoxyphenethylamine (2C-B) and its metabolite 4-bromo-2-hydroxy-5-methoxyphenethylamine in rats after subcutaneous administration. *Toxicol Lett.* 2008; 178(1):29-36; **IF (2010) 3.479**

Páleníček T, Balíková M, Bubeníková-Valešová V, Horáček J. Mescaline effects on Rat behavior and its time profile in serum and brain tissue after a single subcutaneous dose. *Psychopharmacology* 2008; 196:51-62; **IF (2010) 4.103**

Páleníček T, Hlíňák Z, Bubeníková-Valešová V, Votava M, Horáček J. An analysis of spontaneous behavior following acute MDMA treatment in male and female rats. *Neuro Endocrinol Lett.* 2007; 28 (6); 781-788; **IF (2010) 1.047**

Bubenikova-Valesova V, Votava M, **Palenicek T**, Horacek J. The opposite effect of a low and a high dose of serotonin-1A agonist on behavior induced by MK-801. *Neuropharmacology.* 2007 Mar;52(4):1071-8; **IF (2010) 3.909**

Horáček J, Bubeníková V, Kopeček M, **Páleníček T**, Dockery C, Mohr P, Höschl C; The Mechanism of Atypical Antipsychotic Drugs and the Neurobiology of Schizophrenia; *CNS Drugs* 2006; 20(5):389-409; **IF (2010) 3.879**

Horacek J, Dockery C, Kopecek M, Spaniel F, Novak T, Tislerova B, Klírova M, **Palenicek T**, Hoschl C. Regional brain metabolism as the predictor of performance on the Trail Making Test in schizophrenia. A (18)FDG PET covariation study. *Neuro Endocrinol Lett* 2006;27:587-594; **IF (2010) 1.047**

Páleníček T, Votava M, Bubeníková V, Horáček J.; Increased sensitivity to the acute effects of MDMA (“ecstasy”) in female rats; *Physiology & Behavior* 2005; 86:546-553; **IF (2010) 3.295**

Bubeníková V, Votava M, Horáček J, **Páleníček T**, Dockery C. The effect of zotepine, risperidone, clozapine and olanzapine on MK-801-disrupted sensorimotor gating. *Pharmacol Biochem Behav* 2005; 80:591-596; **IF (2010) 2.967**

Bubeníková V, Votava M, Horáček J, **Páleníček T**. Relation of sex and estrous phase to deficits in prepulse inhibition of the startle response induced by ecstasy (MDMA). *Behav Pharmacol* 2005 16:127-130; **IF (2010) 2.854**

Bubeníková V, Horáček J, Kožený J, Platilová V, Závěšická L, **Páleníček T**, Höschl C; The effect of tryptophan depletion on the action of haloperidol in MK-801-treated rats.; Eur J Pharmacol. 2004 Oct 11; 502(1-2):109-16; **IF (2010) 2.585**