

Curriculum Vitae

Name: Norio Ozaki, M.D., Ph.D

Date of birth: March 20, 1957

Present Appointment:

Professor and Chairman, Department of Psychiatry,
Nagoya University Graduate School of Medicine

Education and Career:

March 1982: Graduate Nagoya University School of Medicine, Japan and earn M.D.

May 1982: Pass the 73rd National Examination for Medical Practitioners in Japan.

March 1990: Grant Ph.D. in Medical Science at Nagoya University School of Medicine.

July, 1990: Grant the scholarship of International Rotary Foundation and entered Clinical Psychobiology Branch, National Institute of Mental Health as a special volunteer.

January 1991: Visiting Fellow, Clinical Psychobiology Branch, National Institute of Mental Health.

September 1995: Assistant Professor, at department of Psychiatry, Fujita Health University School of Medicine.

March 1998: Professor and Chairman, at department of Psychiatry, Fujita Health University School of Medicine.

October 2003: Professor and Chairman, at department of Psychiatry, Nagoya University Graduate School of Medicine

Major Area in Research:

Psychiatric Genetics of Schizophrenia, Mood Disorders, and Substance-Related Disorders

Translational neuroscience and animal models of mental disorders

Psychopharmacology of Schizophrenia, Mood Disorders, and Anxiety Disorders

Membership in Medical Societies:

The Director of Japanese Society of Biological Psychiatry

The Director of Japanese Society of Psychiatric Genetics

The Director of Japanese Society of Clinical Neuropsychopharmacology

Publications:

(Co-)authored more than 81 scientific articles in international journal.

Publication List (International Journal)

- Miura H, Qiao H, Kitagami T, Ohta T, Ozaki N: Fluvoxamine, a selective serotonin reuptake inhibitor, suppresses tetrahydrobiopterin levels and dopamine as well as serotonin turnover in the mesoprefrontal system of mice. *Psychopharmacology (Berl)* 177 (3):307-14, 2005
- Saito S, Ikeda M, Iwata N, Suzuki T, Kitajima T, Yamanouchi Y, Kinoshita Y, Takahashi N, Inada T, Ozaki N: No association was found between a functional SNP in ZDHHC8 and schizophrenia in a Japanese case-control population. *Neurosci Lett* 374 (1):21-24, 2005
- Morita Y, Ujike H, Tanaka Y, Uchida N, Nomura A, Ohtani K, Kishimoto M, Morio A, Imamura T, Sakai A, Inada T, Harano M, Komiyama T, Yamada M, Sekine Y, Iwata N, Iyo M, Sora I, Ozaki N, Kuroda S: A nonsynonymous polymorphism in the human fatty acid amide hydrolase gene did not associate with either methamphetamine dependence or schizophrenia. *Neurosci Lett* 376 (3):182-7, 2005
- Nishiyama T, Ikeda M, Iwata N, Suzuki T, Kitajima T, Yamanouchi Y, Sekine Y, Iyo M, Harano M, Komiyama T, Yamada M, Sora I, Ujike H, Inada T, Furukawa T, Ozaki N: Haplotype association between GABA(A) receptor gamma2 subunit gene (GABRG2) and methamphetamine use disorder. *Pharmacogenomics J* 5 (2):89-95, 2005
- Miura H, Qiao H, Kitagami T, Ohta T, Ozaki N: Fluvoxamine, a selective serotonin reuptake inhibitor, suppresses tetrahydrobiopterin levels and dopamine as well as serotonin turnover in the mesoprefrontal system of mice. *Psychopharmacology (Berl)* 177 (3) :307-14, 2005
- Hashimoto R, Suzuki T, Iwata N, Yamanouchi Y, Kitajima T, Kosuga A, Tatsumi M, Ozaki N, Kamijima K, Kunugi H: Association study of the frizzled-3 (FZD3) gene with schizophrenia and mood disorders. *J Neural Transm* 112 (2) :303-307, 2005
- Okada M, Northup J, Ozaki N, Russell J, Linnoila M, Goldman D: Modification of Human 5-HT_{2C} Receptor Function by Cys23Ser, an Abundant, Naturally Occurring Amino Acid Substitution. *Mol Psychiatry* 9 (1) :55-64, 2004
- Iwata N, Suzuki T, Ikeda M, Kitajima T, Yamanouchi Y, Inada T, Ozaki N: No Association With the Neuregulin 1 Haplotype to Japanese Schizophrenia. *Mol Psychiatry* 9 (2) :126-127, 2004
- Hashimoto R, Yoshida M, Ozaki N, Yamanouchi Y, Iwata N, Suzuki T, Kitajima T, Tatsumi M, Kamijima K, Kunugi H: Association analysis of the G308A promoter polymorphism of the tumor necrosis factor alpha (TNF- α) gene in Japanese patients with schizophrenia. *Journal of Neural Transmission* 111 (2) :217-222, 2004
- Koizumi H, Hashimoto K, Kumakiri C, Shimizu E, Sekine Y, Ozaki N, Inada T, Harano M, Komiyama T, Yamada M, Sora I, Ujike H, Takei N, Iyo M: Association between the glutathione S-transferase M1 gene deletion and female methamphetamine abusers. *Am J Med Genet* 126B (1) :43-45, 2004
- Takano A, Uchiyama M, Kajimura N, Mishima K, Inoue Y, Kamei Y, Kitajima T, Shibui K, Katoh M, Watanabe T, Hashimoto Y, Ozeki Y, Hori T, Yamada N, Toyoshima R, Ozaki N, Okawa M, Nagai K, Takahashi K, Isojima Y, Yamauchi T, Ebisawa T: A Missense Variation in Human Casein Kinase I Epsilon Gene that Induces Functional Alteration and Shows an Inverse Association with Circadian Rhythm Sleep Disorders. *Neuropsychopharmacology* (4) :1-9, 2004
- Ozaki N: Pharmacogenetics of antipsychotics. *Nagoya J Med Sci* 67 (1-2) :1-7, 2004
- Deng XX, Shibata HH, Ninomiya HH, Tashiro NN, Iwata NN, Ozaki NN, Fukumaki YY: Association study of polymorphisms in the excitatory amino acid transporter 2 gene (SLC1A2) with schizophrenia. *BMC Psychiatry* 4 (1) :21, 2004

- Kunugi H, Iijima Y, Tatsumi M, Yoshida M, Hashimoto R, Kato T, Sakamoto K, Fukunaga T, Inada T, Suzuki T, Iwata N, Ozaki N, Yamada K, Yoshikawa T: No association between the Val66Met polymorphism of the brain-derived neurotrophic factor gene and bipolar disorder in a Japanese population: a multicenter study. *Biol Psychiatry* 56 (5) :376-8, 2004
- Ikeda M, Iwata N, Suzuki T, Kitajima T, Yamanouchi Y, Kinoshita Y, Inada T, Ozaki N: Association of AKT1 with schizophrenia confirmed in a Japanese population. *Biol Psychiatry* 56 (9) :698-700, 2004
- Munakata K, Tanaka M, Mori K, Washizuka S, Yoneda M, Tajima O, Akiyama T, Nanko S, Kunugi H, Tadokoro K, Ozaki N, Inada T, Sakamoto K, Fukunaga T, Iijima Y, Iwata N, Tatsumi M, Yamada K, Yoshikawa T, Kato T: Mitochondrial DNA 3644T->C mutation associated with bipolar disorder. *Genomics* 84 (6) :1041-1050, 2004
- Okada M, Goldman D, Linnoila M, Iwata N, Ozaki N, Northup JK: Comparison of G-Protein Selectivity of Human 5-HT_{2C} and 5-HT_{1A} Receptors. *Ann N Y Acad Sci* 1025 570-7, 2004
- Kobayashi H, Ide S, Hasegawa J, Ujike H, Sekine Y, Ozaki N, Inada T, Harano M, Komiyama T, Yamada M, Iyo M, Shen HW, Ikeda K, Sora I: Study of Association between {alpha}-Synuclein Gene Polymorphism and Methamphetamine Psychosis/Dependence. *Ann N Y Acad Sci* 1025 325-334, 2004
- Ide S, Kobayashi H, Tanaka K, Ujike H, Sekine Y, Ozaki N, Inada T, Harano M, Komiyama T, Yamada M, Iyo M, Ikeda K, Sora I: Gene polymorphisms of the mu opioid receptor in methamphetamine abusers. *Ann N Y Acad Sci* 1025 316-324, 2004
- Harano M, Uchimura N, Abe H, Ishibashi M, Iida N, Yanagimoto K, Tanaka T, Maeda H, Sora I, Iyo M, Komiyama T, Yamada M, Sekine Y, Inada T, Ozaki N, Ujike H: A Polymorphism of DRD2 Gene and Brain Atrophy in Methamphetamine Psychosis. *Ann N Y Acad Sci* 1025 307-315, 2004
- Iwata N, Inada T, Harano M, Komiyama T, Yamada M, Sekine Y, Iyo M, Sora I, Ujike H, Ozaki N: No Association Is Found between the Candidate Genes of t-PA/Plasminogen System and Japanese Methamphetamine-Related Disorder: A Collaborative Study by the Japanese Genetics Initiative for Drug Abuse. *Ann N Y Acad Sci* 1025 34-38, 2004
- Inada T, Iijima Y, Uchida N, Maeda T, Iwashita S, Ozaki N, Harano M, Komiyama T, Yamada M, Sekine Y, Iyo M, Sora I, Ujike H: No Association Found between the Type 1 Sigma Receptor Gene Polymorphisms and Methamphetamine Abuse in the Japanese Population: A Collaborative Study by the Japanese Genetics Initiative for Drug Abuse. *Ann N Y Acad Sci* 1025 27-33, 2004
- Nokura K, Kanbayashi T, Ozeki T, Koga H, Zettsu T, Yamamoto H, Ozaki N, Shimizu T, Kawase T: Hypersomnia, asterixis and cataplexy in association with orexin A-reduced hypothalamic tumor. *J Neurol* 251 (12) :1534-5, 2004
- Numakawa T, Yagasaki Y, Ishimoto T, Okada T, Suzuki T, Iwata N, Ozaki N, Taguchi T, Tatsumi M, Kamijima K, Straub RE, Weinberger DR, Kunugi H, Hashimoto R: Evidence of novel neuronal functions of dysbindin, a susceptibility gene for schizophrenia. *Hum Mol Genet* 13 (21) :2699-2708, 2004
- Itoh K, Hashimoto K, Shimizu E, Sekine Y, Ozaki N, Inada T, Harano M, Iwata N, Komiyama T, Yamada M, Sora I, Nakata K, Ujike H, Iyo M: Association study between brain-derived neurotrophic factor gene polymorphisms and methamphetamine abusers in Japan. *Am J Med Genet B Neuropsychiatr Genet* 132B (1) :70-73, 2004
- Noda M, Yasuda S, Okada M, Higashida H, Shimada A, Iwata N, Ozaki N, Nishikawa K, Shirasawa S, Uchida M, Aoki S, Wada K: Recombinant human serotonin 5A receptors stably expressed in C6 glioma cells couple to multiple signal transduction pathways. *J Neurochem* 84 (2) :222-232, 2003
- Suzuki T, Iwata N, Kitamura Y, Kitajima T, Yamanouchi Y, Ikeda M, Kamatani N, Ozaki N: Association of

a haplotype in the serotonin 5-HT₄ receptor gene (HTR₄) with Japanese schizophrenia. *Am J Med Genet* 121B (1) :7-13, 2003

- Kusunoki K, Kitajima T, Ozaki N: Does quazepam influence sleep and daytime activity in healthy adults? *Sleep and Biological Rhythms* 1 (2) :171-172, 2003
- Okada M, Irie S, Sawada M, Urae R, Urae A, Iwata N, Ozaki N, Akazawa K, Nakanishi H: Pepstatin A induces extracellular acidification distinct from aspartic protease inhibition in microglial cell lines. *Glia* 43 (2) :167-174, 2003
- Ozaki N, Goldman D, Kaye WH, Plotnicov K, Greenberg BD, Lappalainen J, Rudnick G, Murphy DL: Serotonin transporter missense mutation associated with a complex neuropsychiatric phenotype. *Mol Psychiatry* 8 (11) :933-936, 2003
- Yamanouchi Y, Iwata N, Suzuki T, Kitajima T, Ikeda M, Ozaki N: Effect of DRD₂, 5-HT_{2A}, and COMT genes on antipsychotic response to risperidone. *Pharmacogenomics J* 3 (6) :356-361, 2003
- Ujike H, Harano M, Inada T, Yamada M, Komiyama T, Sekine Y, Sora I, Iyo M, Katsu T, Nomura A, Nakata K, Ozaki N: Nine- or fewer repeat alleles in VNTR polymorphism of the dopamine transporter gene is a strong risk factor for prolonged methamphetamine psychosis. *Pharmacogenomics J* 3 (4) :242-247, 2003
- Iwase T, Kajimura N, Uchiyama M, Ebisawa T, Yoshimura K, Kamei Y, Shibui K, Kim K, Kudo Y, Katoh M, Watanabe T, Nakajima T, Ozeki Y, Sugishita M, Hori T, Ikeda M, Toyoshima R, Inoue Y, Yamada N, Mishima K, Nomura M, Ozaki N, Okawa M, Takahashi K, Yamauchi T: Mutation screening of the human Clock gene in circadian rhythm sleep disorders. *Psychiatry Res* 109 (2) :121-128, 2002
- Hirano S, Sato T, Narita T, Kusunoki K, Ozaki N, Kimura S, Takahashi T, Sakado K, Uehara T: Evaluating the state dependency of the Temperament and Character Inventory dimensions in patients with major depression: a methodological contribution. *J Affect Disord* 69 (1-3) :31-38, 2002
- Ebisawa T, Uchiyama M, Kajimura N, Mishima K, Kamei Y, Katoh M, Watanabe T, Sekimoto M, Shibui K, Kim K, Kudo Y, Ozeki Y, Sugishita M, Toyoshima R, Inoue Y, Yamada N, Nagase T, Ozaki N, Ohara O, Ishida N, Okawa M, Takahashi K, Yamauchi T: Association of structural polymorphisms in the human period3 gene with delayed sleep phase syndrome. *EMBO Rep* 2 (4) :342-346., 2001
- Imamura K, Sawada M, Ozaki N, Naito H, Iwata N, Ishihara R, Takeuchi T, Shibayama H: Activation mechanism of brain microglia in patients with diffuse neurofibrillary tangles with calcification: a comparison with Alzheimer disease. *Alzheimer Dis Assoc Disord* 15 (1) :45-50., 2001
- Hatsuda S, Sugita S, Suzuki S, Matsubara M, Ozaki N, Kayukawa Y, Ohara M: Inhibition of K(+)-evoked release of rat striatal 5-hydroxytryptamine by an atypical antidepressant: trazodone. *Neuropsychobiology* 44 (2) :103-107, 2001
- Iwata N, Ozaki N, Inada T, Goldman D: Association of a 5-HT_{5A} receptor polymorphism, Pro15Ser, to schizophrenia. *Molecular Psychiatry* 6 (2) :217-219, 2001
- Hibiya M, Ichinose H, Ozaki N, Fujita K, Nishimoto T, Yoshikawa T, Asano Y, Nagatsu T: Normal value and age-dependent changes in GTP cyclohydrolase I activity in stimulated mononuclear blood cells measured by high-performance liquid chromatography. *Journal of Chromatography B* 740 35-42, 2000
- Kusunoki K, Sato T, Taga C, Yoshida Y, Komori K, Narita T, Hirano S, Iwata N, Ozaki N: Low novelty-seeking differentiated obsessive-compulsive disorder from major depression. *Acta Psychiatr Scand* 101 403-405, 2000
- Kayukawa Y, Shirakawa S, Hayakawa T, Imai M, Iwata N, Ozaki N, Ohta T: Habitual snoring in an outpatient population in Japan [In Process Citation]. *Psychiatry Clin Neurosci* 54 (4) :385-391, 2000
- Sher L, Goldman D, Ozaki N, Rosenthal N: The role of genetic factors in the etiology of seasonal affective

disorder and seasonality. *Journal of Affective Disorder* 53 203-210, 1999

- Lappalainen J, Long J, Virkkunen M, Ozaki N, Goldman D, Linnoila M: HTR2C Cys23Ser polymorphism in relation to CSF monoamine metabolite concentrations and DSM-III-R psychiatric diagnoses. *Biol Psychiatry* 46 821-826, 1999
- Kusunoki K, Ozaki N, Sawada M, Sato T, Hirano S, Narita T: Serum levels of dihydroneopterin and soluble cytokine receptors in major depression. *Pteridines* 10 24-26, 1999
- Rosenthal NE, Mazzanti CM, Barnett RL, Hardin TA, Turner EH, Lam GK, Ozaki N, Goldman D: Role of serotonin transporter promoter repeat length polymorphism (5-HTTLPR) in seasonality and seasonal affective disorder. *Molecular Psychiatry* 3 (2) :175-177, 1998
- Lappalainen J, Long JC, Eggert M, Ozaki N, Robin RW, Brown GL, Naukkarinen H, Virkkunen M, Linnoila M, Goldman D: Linkage of antisocial alcoholism to the serotonin 5-HT1B receptor gene in 2 populations. *Archives of General Psychiatry* 55 (11) :989-994, 1998
- Komori K, Nakamura M, Hatashita T, Shibasaki I, Fujita K, Naitoh H, Ozaki N, Yamawaki Y, Nagatsu I, Karasawa N: Studies on the effect of L-threo-DOPS as a catecholamine precursor in the mouse brain. *Neuroscience Research Supplement* 22 S93, 1998
- Sato T, Uehara T, Sakado K, Nishioka K, Ozaki N, Nakamura M, Kasahara Y: Dysfunctional parenting and a lifetime history of depression in a volunteer sample of Japanese workers. *Acta Psychiatrica Scandinavica* 96 (4) :306-310, 1997
- Schwartz PJ, Murphy DL, Wehr TA, Garcia-Borreguero D, Oren DA, Moul DE, Ozaki N, Snelbaker AJ, Rosenthal NE: Effects of meta-chlorophenylpiperazine infusions in patients with seasonal affective disorder and healthy control subjects. Diurnal responses and nocturnal regulatory mechanisms. *Archives of General Psychiatry* 54 (4) :375-385, 1997
- Ozaki N, Manji H, Lubierman V, Lu SJ, Lappalainen J, Rosenthal NE, Goldman D: A naturally occurring amino acid substitution of the human serotonin 5-HT2A receptor influences amplitude and timing of intracellular calcium mobilization. *Journal of Neurochemistry* 68 (5) :2186-2193, 1997
- Malhotra AK, Goldman D, Ozaki N, Rooney W, Clifton A, Buchanan RW, Breier A, Pickar D: Clozapine response and the 5HT2C Cys23Ser polymorphism. *Neuroreport* 7 (13) :2100-2102, 1996
- Ozaki N, Rosenthal NE, Pesonen U, Lappalainen J, Feldman-Naim S, Schwartz PJ, Turner EH, Goldman D: Two naturally occurring amino acid substitutions of the 5-HT2A receptor: similar prevalence in patients with seasonal affective disorder and controls. *Biological Psychiatry* 40 (12) :1267-1272, 1996
- Goldman D, Lappalainen J, Ozaki N: Direct analysis of candidate genes in impulsive behaviours. *Ciba Foundation Symposium* 194 139-52; discussion 152-4, 1996
- Malhotra AK, Goldman D, Ozaki N, Breier A, Buchanan R, Pickar D: Lack of association between polymorphisms in the 5-HT2A receptor gene and the antipsychotic response to clozapine. *American Journal of Psychiatry* 153 (8) :1092-1094, 1996
- Ozaki N, Ono Y, Ito A, Rosenthal NE: Prevalence of seasonal difficulties in mood and behavior among Japanese civil servants. *Am J Psychiatry* 152 (8) :1225-1227, 1995
- Ozaki N, Lappalainen J, Dean M, Virkkunen M, Linnoila M, Goldman D: Mapping of the serotonin 5-HT1D alpha autoreceptor gene (HTR1D) on chromosome 1 using a silent polymorphism in the coding region. *Am J Med Genet* 60 (2) :162-164, 1995
- Ozaki N, Rosenthal NE, Myers F, Schwartz PJ, Oren DA: Effects of season on electro-oculographic ratio in winter seasonal affective disorder. *Psychiatry Research* 59 (1-2) :151-155, 1995
- Lappalainen J, Zhang L, Dean M, Oz M, Ozaki N, Yu DH, Virkkunen M, Weight F, Linnoila M, Goldman

D: Identification, expression, and pharmacology of a Cys23-Ser23 substitution in the human 5-HT_{2c} receptor gene (HTR2C). *Genomics* 27 (2) :274-279, 1995

• Ozaki N, Rosenthal NE, Mazzola P, Chiueh CC, Hardin T, Garcia-Borreguero D, Schwartz PJ, Turner E, Oren DA, Murphy DL: Platelet [3H]paroxetine binding, 5-HT-stimulated Ca²⁺ response, and 5-HT content in winter seasonal affective disorder. *Biological Psychiatry* 36 (7) :458-466, 1994

• Ozaki N, Rosenthal NE, Moul DE, Schwartz PJ, Oren DA: Effects of phototherapy on electrooculographic ratio in winter seasonal affective disorder. *Psychiatry Res* 49 (2) :99-107, 1993

• Ozaki N, Duncan WC, Jr., Johnson KA, Wehr TA: Diurnal variations of serotonin and dopamine levels in discrete brain regions of Syrian hamsters and their modification by chronic clorgyline treatment. *Brain Research* 627 (1) :41-48, 1993

• Ito A, Ichihara M, Hisanaga N, Ono Y, Kayukawa Y, Ohta T, Okada T, Ozaki N: Prevalence of seasonal mood changes in low latitude area. *Jpn J Psychiatry Neurol* 46 (1) :1992

• Nakahara D, Fuchikami K, Ozaki N, Iwasaki T, Nagatsu T: Differential effect of self-stimulation on dopamine release and metabolism in the rat medial frontal cortex, nucleus accumbens and striatum studied by in vivo microdialysis. *Brain Research* 574 (1-2) :164-170, 1992

• Ozaki N, Nakahara D, Kasahara Y, Nagatsu T: The effect of methamphetamine on serotonin and its metabolite in the suprachiasmatic nucleus: a microdialysis study. *Journal of Neural Transmission - General Section* 86 (3) :175-179, 1991

• Ohta T, Ando K, Iwata T, Ozaki N, Kayukawa Y, Terashima M, Okada T, Kasahara Y: Treatment of persistent sleep-wake schedule disorders in adolescents with methylcobalamin (vitamin B12). *Sleep* 14 (5) :414-8, 1991

• Hashimoto R, Ozaki N, Ohta T, Kasahara Y, Kaneda N, Nagatsu T: The plasma tetrahydrobiopterin levels in patients with affective disorders. *Biological Psychiatry* 28 (6) :526-8, 1990

• Hashimoto R, Ozaki N, Ohta T, Kasahara Y, Kaneda N, Nagatsu T: Plasma Tetrahydrobiopterin Levels in Patients with Psychiatric Disorders. *Neuropsychobiology* 1990 (23) :140-143, 1990

• Nakahara D, Ozaki N, Miura Y, Miura H, Nagatsu T: Increased dopamine and serotonin metabolism in rat nucleus accumbens produced by intracranial self-stimulation of medial forebrain bundle as measured by in vivo microdialysis. *Brain Res* 495 (1) :178-81, 1989

• Ozaki N, Nakahara D, Miura H, Kasahara Y, Nagatsu T: Effects of apomorphine on in vivo release of dopamine and its metabolites in the prefrontal cortex and the striatum, studied by a microdialysis method. *Journal of Neurochemistry* 53 (6) :1861-1864, 1989

• Ozaki N, Iwata T, Itoh A, Ohta T, Okada T, Kasahara Y: A treatment trial of delayed sleep phase syndrome with triazolam. *Japanese Journal of Psychiatry & Neurology* 43 (1) :51-55, 1989

• Hashimoto R, Ozaki N, Ohta T, Kasahara Y, Kaneda N, Nagatsu T: Plasma biopterin levels of patients with affective disorders. *Neuropsychobiology* 19 (2) :61-63, 1988

• Alexander N, Nakahara D, Ozaki N, Kaneda N, Sasaoka T, Iwata N, Nagatsu T: Striatal dopamine release and metabolism in sinoaortic-denervated rats by in vivo microdialysis. *American Journal of Physiology* 254 (2 Pt 2) :R396-R399, 1988

• Nakahara D, Ozaki N, Kaneda N, Kiuchi K, Okada T, Nagatsu T: Intracerebrally administered (6R)-L-erythro-tetrahydrobiopterin does not affect extracellular levels of dopamine and monoamine metabolites in rat striatum in vivo during measurement by brain micro-dialysis system. *Neurochemistry International* 12 121-124, 1988

• Ichinose H, Ozaki N, Nakahara D, Wakabayashi K, Sugimura T, Nagatsu T: Effects of Heterocyclic

Amines in Food on Dopamine Metabolism in Nigro-Striatal Dopaminergic Neurons. *Biochemical Pharmacology* 37 3289-3295, 1988

• Hashimoto R, Ozaki N, Ohta T, Kasahara Y, Kaneda N, Nagatsu T: Total biopterin levels of plasma in patients with depression. *Neuropsychobiology* 17 (4) :176-177, 1987

• Kasahara Y, Ozaki N, Shinba S: [Clinical psychiatry]. *Nippon Rinsho - Japanese Journal of Clinical Medicine* 45 (9) :2171-81, 1987

• Ozaki N, Okada T, Iwata T, Ohta T, Kasahara Y, Kiuchi K, Nagatsu T: Plasma norepinephrine in sleep apnea syndrome. *Neuropsychobiology* 16 (2-3) :88-92, 1