DAFTAR PUSTAKA

Aarnoudse-Moens CSH, Weisglas Kuperus N, van Goudoever J, O.J., 2009. Meta-analysis of neurobehavioral outcomes in very pre- term and/or very low birth weight children. *Pediatrics* 124: 717.

Al-Rifai, M.T., Woody, R.C., 2007. Marriage Patterns and Pediatric Neurologicdisease in Damascus, Syria. *Pakistan J. Neurol. Sci.* 2: 136–140.

American Psychiatric Association, 2013. Diagnostic and statistical manual of mental disorders (DSM-5®). American Psychiatric Pub.

American Psychiatric Association, 2000. Diagnostic and statistical manual of mental disorders: DSM-IV-TR.

Amir, R.E., Van den Veyver, I.B., Wan, M., Tran, C.Q., Francke, U., Zoghbi, H.Y., 1999. Rett syndrome is caused by mutations in X-linked MECP2, encoding methyl-CpG-binding protein 2. *Nat. Genet.* 23: 185.

Appenrodt, E., Schnabel, R., Schwarzberg, H., 1998. Vasopressin administration modulates anxiety-related behavior in rats. *Physiol. Behav.* 64: 543–547.

Aram, D.M., Hack, M., Hawkins, S., Weissman, B.M., Borawski-Clark, E., 1991. Very-low-birthweight children and speech and language development. *J. Speech, Lang. Hear. Res.* 34: 1169–1179.

Ashford, J., Van Lier, P.A.C., Timmermans, M., Cuijpers, P., Koot, H.M., 2008. Prenatal smoking and internalizing and externalizing problems in children studied from childhood to late adolescence. *J. Am. Acad. Child Adolesc. Psychiatry* 47: 779–787.

Aspé-Sánchez, M., Moreno, M., Rivera, M.I., Rossi, A., Ewer, J., 2016. Oxytocin and vasopressin receptor gene polymorphisms: role in social and psychiatric traits. *Front. Neurosci.* 9: 510.

Atladottir, H.O., Gyllenberg, D., Langridge, A., Sandin, S., Hansen, S.N., Leonard, H., et al., 2015. The increasing prevalence of reported diagnoses of childhood psychiatric disorders: a descriptive multinational comparison. *Eur. Child Adolesc. Psychiatry* 24: 173–183.

Atladóttir, H.O., Schendel, D.E., Henriksen, T.B., Hjort, L., Parner, E.T., 2016. Gestational Age and Autism Spectrum Disorder: Trends in Risk Over Time. *Autism Res.* 9: 224–231.

Avila, C., Willins, J.L., Jackson, M., Mathai, J., Jabsky, M., Kong, A., et al., 2015. Usefulness of two clinical chorioamnionitis definitions in predicting neonatal infectious outcomes: a systematic review. *Am. J. Perinatol.* 32: 1001–1009.

Badawi, N., Dixon, G., Felix, J.F., Keogh, J.M., Petterson, B., Stanley, F.J., et al., 2006. Autism following a history of newborn encephalopathy: more than a coincidence? *Dev. Med. Child Neurol.* 48: 85–89.

Bailey, A., Le Couteur, A., Gottesman, I., Bolton, P., Simonoff, E., Yuzda, E., et al., 1995. Autism as a strongly genetic disorder: evidence from a British twin study. *Psychol. Med.* 25: 63–77.

Baio, J., 2012. Prevalence of Autism Spectrum Disorders: Autism and Developmental Disabilities Monitoring Network, 14 Sites, United States, 2008. Morbidity and Mortality Weekly Report. Surveillance Summaries. Volume 61, Number 3. *Centers Dis. Control Prev.*

Baio, J., Wiggins, L., Christensen, D.L., Maenner, M.J., Daniels, J., Warren, Z., et

al., 2018. Prevalence of autism spectrum disorder among children aged 8 years—autism and developmental disabilities monitoring network, 11 sites, United States, 2014. *MMWR Surveill. Summ.* 67: 1.

Bandiera, F.C.; Richardson, A.K.; Lee, D.J.; He, J.P.; Merikangas, K.R., 2011. Secondhand smoke exposure and mental health among children and adolescents. *Arch. Pediatr. Adolesc. Med.* 165: 332–338.

Bandiera, F.C., 2011. What are candidate biobehavioral mechanisms underlying the association between secondhand smoke exposure and mental health? *Med. Hypotheses* 77: 1009–1010.

Bar, S., Milanaik, R., Adesman, A., 2016. Long-term neurodevelopmental benefits of breastfeeding. *Curr. Opin. Pediatr.* 28: 559–566.

Barnes & Jayne, 2001. Diet and nutrient. DAN Conference practitioner training introductory and advanced. San Diego. USA. 14-19.

Bauman, M., Kemper, T.L., 1985. Histoanatomic observations of the brain in early infantile autism. *Neurology* 35: 866.

Ben-Ari, Y., 2015. Is birth a critical period in the pathogenesis of autism spectrum disorders? *Nat. Rev. Neurosci.* 16: 498.

Bersani, I., Thomas, W., Speer, C.P., 2012. Chorioamnionitis–the good or the evil for neonatal outcome? *J. Matern. Neonatal Med.* 25: 12–16.

Bilder D, Pinborough-Zimmerman J, Miller J, M.W., 2009. Prenatal, perinatal, and neonatal factors associated with autism spectrum disor- ders. *Pediatrics* 123: 1293–300.

Bölte, S., Poustka, F., Constantino, J.N., 2008. Assessing autistic traits: cross-cultural validation of the social responsiveness scale (SRS). *Autism Res.* 1: 354–363.

Boutwell, B., Beaver, K., 2010. Maternal cigarette smoking during pregnancy and offspring externalizing behavioral problems: a propensity score matching analysis. *Int. J. Environ. Res. Public Health* 7: 146–163.

Bowen, M.T., McGregor, I.S., 2014. Oxytocin and vasopressin modulate the social response to threat: a preclinical study. *Int. J. Neuropsychopharmacol.* 17: 1621–1633.

Budhiman, M., 2002. Penanganan Autisme secara Komprehensif. Seminar & Workshop on Fragile-X Mental Retardation, Autism and Related Disorders. Badan Penerbit Universitas Diponegoro. Semarang.

Budiman, M., 2003. Gangguan Metabolisme Pada Anak Autistik di Indonesia (makalah). *Jakarta Konf. Nas. Autism–1*.

Budiman, M., 1997. Tata Laksana Terpadu pada Autisme. *Simp. Tata Laksana Autisme oleh Yayasan Autisme Indones. Jakarta tidak diterbitkan*.

Burstyn, I., Wang, X., Yasui, Y., Sithole, F., Zwaigenbaum, L., 2011. Autism spectrum disorders and fetal hypoxia in a population-based cohort: accounting for missing exposures via Estimation-Maximization algorithm. *BMC Med. Res. Methodol.* 11: 2.

Butler, M., Rafi, S., Hossain, W., Stephan, D., Manzardo, A., 2015. Whole exome sequencing in females with autism implicates novel and candidate genes. *Int. J. Mol. Sci.* 16: 1312–1335.

Butovskaya, P.R., Lazebny, O.E., Sukhodolskaya, E.M., Vasiliev, V.A., Dronova,

D.A., Fedenok, J.N., et al., 2016. Polymorphisms of two loci at the oxytocin receptor gene in populations of Africa, Asia and South Europe. *BMC Genet.* 17: 17.

Buxbaum, J.D., Silverman, J.M., Smith, C.J., Kilifarski, M., Reichert, J., Hollander, E., et al., 2001. Evidence for a susceptibility gene for autism on chromosome 2 and for genetic heterogeneity. *Am. J. Hum. Genet.* 68: 1514–1520.

Caldwell, H.K., Dike, O.E., Stevenson, E.L., Storck, K., Young III, W.S., 2010. Social dominance in male vasopressin 1b receptor knockout mice. *Horm. Behav.* 58: 257–263.

Caldwell, H.K., Lee, H.-J., Macbeth, A.H., Young III, W.S., 2008. Vasopressin: behavioral roles of an "original" neuropeptide. *Prog. Neurobiol.* 84: 1–24.

Campbell, D.B., Datta, D., Jones, S.T., Lee, E.B., Sutcliffe, J.S., Hammock, E.A.D., et al., 2011. Association of oxytocin receptor (OXTR) gene variants with multiple phenotype domains of autism spectrum disorder. *J. Neurodev. Disord.* 3: 101–112.

Candrawinata, 2002. Terapi Diet pada Autisme. Seminar & Workshop on Fragile-X Mental Retardation, Autism and Related Disorders.

Carter, C.S., 1998. Neuroendocrine perspectives on social attachment and love. *Psychoneuroendocrinology* 23: 779–818.

Centers for Disease Control and Prevention. Prevalence of Autism Spectrum Disorder among children aged 8 years Autism and Developmental Disabilities Monitoring Network, 11 Sites, United Stated, 2010., 2014. . *Morb. Mortal. Wkly. Rep.* 63: 2–13.

Chakrabarti, B., Dudbridge, F., Kent, L., Wheelwright, S., Hill-Cawthorne, G., Allison, C., et al., 2009. Genes related to sex steroids, neural growth, and social–emotional behavior are associated with autistic traits, empathy, and Asperger syndrome. *Autism Res.* 2: 157–177.

Chakrabarti, S., Fombonne, E., 2005. Pervasive developmental disorders in preschool children: confirmation of high prevalence. *Am. J. Psychiatry* 162: 1133–1141.

Chang, S.W.C., Barter, J.W., Ebitz, R.B., Watson, K.K., Platt, M.L., 2012. Inhaled oxytocin amplifies both vicarious reinforcement and self reinforcement in rhesus macaques (Macaca mulatta). *Proc. Natl. Acad. Sci.* 109: 959–964.

Chau, V., McFadden, D.E., Poskitt, K.J., Miller, S.P., 2014. Chorioamnionitis in the pathogenesis of brain injury in preterm infants. *Clin. Perinatol.* 41: 83–103.

Chau, V., Poskitt, K.J., McFadden, D.E., Bowen-Roberts, T., Synnes, A., Brant, R., et al., 2009. Effect of chorioamnionitis on brain development and injury in premature newborns. *Ann. Neurol. Off. J. Am. Neurol. Assoc. Child Neurol. Soc.* 66: 155–164.

Chelly, J., Mandel, J.-L., 2001. Monogenic causes of X-linked mental retardation. *Nat. Rev. Genet.* 2: 669.

Chen, F.S., Kumsta, R., von Dawans, B., Monakhov, M., Ebstein, R.P., Heinrichs, M., 2011. Common oxytocin receptor gene (OXTR) polymorphism and social support interact to reduce stress in humans. *Proc. Natl. Acad. Sci. U. S. A.* 108: 19937–42.

Cheon, K., Park, J., Koh, Y., Song, J., Hong, H., Kim, Y., et al., 2016. The social responsiveness scale in relation to DSM IV and DSM5 ASD in Korean children. *Autism Res.* 9: 970–980.

Chini, B., Mouillac, B., Balestre, M.-N., Trumpp-Kallmeyer, S., Hoflack, J., Hibert, M., et al., 1996. Two aromatic residues regulate the response of the human oxytocin receptor to the partial agonist arginine vasopressin. *FEBS Lett.* 397: 201–206.

Christensen, D.L., Braun, K.V.N., Baio, J., Bilder, D., Charles, J., Constantino, J.N., et al., 2018. Prevalence and characteristics of autism spectrum disorder among children aged 8 years—autism and developmental disabilities monitoring network, 11 sites, United States, 2012. *MMWR Surveill. Summ.* 65: 1.

Cohen, D.J., Caparulo, B.K., Shaywitz, B.A., Bowers, M.B., 1977. Dopamine and serotonin metabolism in neuropsychiatrically disturbed children: CSF homovanillic acid and 5-hydroxyindoleacetic acid. *Arch. Gen. Psychiatry* 34: 545–550.

Constantino, J. N., & Gruber, C.P., 2012. Social Respon- siveness Scale (2nd ed.), Torrance, CA: Western Psycho- logical Services.

Constantino, J.N., Charman, T., 2016. Diagnosis of autism spectrum disorder: reconciling the syndrome, its diverse origins, and variation in expression. *Lancet Neurol.* 15: 279–291.

Constantino, J.N., Davis, S.A., Todd, R.D., Schindler, M.K., Gross, M.M., Brophy, S.L., et al., 2003a. Validation of a brief quantitative measure of autistic traits: comparison of the social responsiveness scale with the autism diagnostic interview-revised. *J. Autism Dev. Disord.* 33: 427–433.

Constantino, J.N., Gruber, C.P., 2005. Social responsive scale (SRS) manual. *Los Angeles, CA West. Psychol. Serv.*

Constantino, J.N., Gruber, C.P., Davis, S., Hayes, S., Passanante, N., Przybeck, T., 2004. The factor structure of autistic traits. *J. Child Psychol. Psychiatry* 45: 719–726.

Constantino, J.N., Hudziak, J.J., Todd, R.D., 2003b. Deficits in reciprocal social behavior in male twins: evidence for a genetically independent domain of psychopathology. *J. Am. Acad. Child Adolesc. Psychiatry* 42: 458–467.

Constantino, J.N., Przybeck, T., Friesen, D., Todd, R.D., 2000. Reciprocal social behavior in children with and without pervasive developmental disorders. *J. Dev. Behav. Pediatr.*

Constantino, J.N., Todd, R.D., 2003. Autistic Traits in the General Population. *Arch. Gen. Psychiatry* 60: 524.

Cordero, C., Windham, G.C., Schieve, L.A., Fallin, M.D., Croen, L.A., Siega-Riz, A.M., et al., 2019. Maternal diabetes and hypertensive disorders in association with autism spectrum disorder. *Autism Res.*

Courchesne, E., Redcay, E., Morgan, J.T., Kennedy, D.P., 2005. Autism at the beginning: microstructural and growth abnormalities underlying the cognitive and behavioral phenotype of autism. *Dev. Psychopathol.* 17: 577–597.

Croen, L.A., Grether, J.K., Selvin, S., 2002. Descriptive epidemiology of autism in a California population: who is at risk? *J. Autism Dev. Disord.* 32: 217–224.

Croen, L.A., Najjar, D. V, Fireman, B., Grether, J.K., 2007. Maternal and paternal age and risk of autism spectrum disorders. *Arch. Pediatr. Adolesc. Med.* 161: 334–340.

Croen, L.A., Yoshida, C.K., Odouli, R., Newman, T.B., 2005. Neonatal hyperbilirubinemia and risk of autism spectrum disorders. *Pediatr. Ed.* 115: e135.

Cunningham, F.G., Gant, N.F., Leveno, K.J., Gilstrap, L.C., Hauth, J.C., Wenstrom, K.D., 2006. Obstetri williams. *Jakarta EGC*.

Curran, E.A., Cryan, J.F., Kenny, L.C., Dinan, T.G., Kearney, P.M., Khashan, A.S., 2016. Obstetrical mode of delivery and childhood behavior and psychological development in a British cohort. *J. Autism Dev. Disord.* 46: 603–614.

Curran, E.A., Dalman, C., Kearney, P.M., Kenny, L.C., Cryan, J.F., Dinan, T.G., et al., 2015a. Association between obstetric mode of delivery and autism spectrum disorder: a population-based sibling design study. *JAMA psychiatry* 72: 935–942.

Curran, E.A., O'Neill, S.M., Cryan, J.F., Kenny, L.C., Dinan, T.G., Khashan, A.S., et al., 2015b. Research Review: Birth by caesarean section and development of autism spectrum disorder and attention-deficit/hyperactivity disorder: A systematic review and meta-analysis. *J. Child Psychol. Psychiatry Allied Discip.* 56: 500–508.

D'onofrio, B.M., Class, Q.A., Rickert, M.E., Larsson, H., Långström, N., Lichtenstein, P., 2013. Preterm birth and mortality and morbidity: a population-based quasi-experimental study. *JAMA psychiatry* 70: 1231–1240.

Dempster, E.L., Burcescu, I., Wigg, K., Kiss, E., Baji, I., Gadoros, J., et al., 2007. Evidence of an association between the vasopressin V1b receptor gene (AVPR1B) and childhood-onset mood disorders. *Arch. Gen. Psychiatry* 64: 1189–1195.

Deykin, Evay Macmahon, B., 1979. Viral exposure and autism. *Am. J. Epidemiol.* 109: 628–638.

Diagnostic, A.P.A., 1994. statistical manual of mental disorders. American Psychiatric Association. *Washington, DC* 886.

DiFranza, J.R., Aligne, C.A., Weitzman, M., 2004. Prenatal and postnatal environmental tobacco smoke exposure and children's health. *PEDIATRICS-SPRINGFIELD*- 113: 1007–1015.

Dodds, L., Fell, D.B., Shea, S., Armson, B.A., Allen, A.C., Bryson, S., 2011. The role of prenatal, obstetric and neonatal factors in the development of autism. *J. Autism Dev. Disord.* 41: 891–902.

Donaldson, Z.R., Young, L.J., 2008. Oxytocin, vasopressin, and the neurogenetics of sociality. *Science (80-.).* 322: 900–904.

Dreier, J.W., Pedersen, C.B., Cotsapas, C., Christensen, J., 2019. Childhood seizures and risk of psychiatric disorders in adolescence and early adulthood: a Danish nationwide cohort study. *Lancet Child Adolesc. Heal.* 3: 99–108.

Eaton, W.W., Mortensen, P.B., Thomsen, P.H., Frydenberg, M., 2001. Obstetric complications and risk for severe psychopathology in childhood. *J. Autism Dev. Disord.* 31: 279–285.

Egawa, J., Nunokawa, A., Shibuya, M., Watanabe, Y., Kaneko, N., Igeta, H., et al.,

2013. Resequencing and association analysis of MIR137 with schizophrenia in a Japanese population. *Psychiatry Clin. Neurosci.* 67: 277–279.

Evans-Jones, L.G., Rosenbloom, L., 1978. Disintegrative psychosis in childhood. *Dev. Med. Child Neurol.* 20: 462–470.

Faradz, S.M.H., 2002. Aspek Genetik Autisme. Seminar & Workshop on Fragile-X Mental Retardation, Autism and Related Disorders.

Fatemi, S.H., Earle, J., Kanodia, R., Kist, D., Emamian, E.S., Patterson, P.H., et al., 2002. Prenatal viral infection leads to pyramidal cell atrophy and macrocephaly in adulthood: Implications for genesis of autism and schizophrenia. *Cell. Mol. Neurobiol.* 22: 25–33.

Fatemi, S.H., Pearce, D.A., Brooks, A.I., Sidwell, R.W., 2005. Prenatal viral infection in mouse causes differential expression of genes in brains of mouse progeny: A potential animal model for schizophrenia and autism. *Synapse* 57: 91–99.

Fejzo, M., Kam, A., Laguna, A., MacGibbon, K., Mullin, P., 2019a. Analysis of neurodevelopmental delay in children exposed in utero to hyperemesis gravidarum reveals increased reporting of autism spectrum disorder. *Reprod. Toxicol.* 84: 59–64.

Fejzo, M., Kam, A., Laguna, A., MacGibbon, K., Mullin, P., 2019b. Analysis of neurodevelopmental delay in children exposed in utero to hyperemesis gravidarum reveals increased reporting of autism spectrum disorder. *Reprod. Toxicol.* 84: 59–64.

Feleszko, W., Ruszczyński, M., Jaworska, J., Strzelak, A., Zalewski, B.M., Kulus, M., 2014. Environmental tobacco smoke exposure and risk of allergic sensitisation in children: a systematic review and meta-analysis. *Arch. Dis. Child.* 99: 985–992.

Ferguson, J.N., Young, L.J., Hearn, E.F., Matzuk, M.M., Insel, T.R., Winslow, J.T., 2000. Social amnesia in mice lacking the oxytocin gene. *Nat. Genet.* 25: 284.

Ferguson, K.K., Meeker, J.D., McElrath, T.F., Mukherjee, B., Cantonwine, D.E., 2017. Repeated measures of inflammation and oxidative stress biomarkers in preeclamptic and normotensive pregnancies. *Am. J. Obstet. Gynecol.* 216: 527-e1.

Ferri, S.L., Abel, T., Brodkin, E.S., 2018. Sex differences in autism spectrum disorder: a review. *Curr. Psychiatry Rep.* 20: 9.

Francis, S.M., Kim, S.-J., Kistner-Griffin, E., Guter, S., Cook, E.H., Jacob, S., 2016. ASD and genetic associations with receptors for oxytocin and vasopressin—AVPR1A, AVPR1B, and OXTR. *Front. Neurosci.* 10: 516.

Freitag, C.M., 2007. The genetics of autistic disorders and its clinical relevance: a review of the literature. *Mol. Psychiatry* 12: 2.

Fuge, G & Berry, R., 1998. Sensory Integration. Proceeding National Conference of Autism. Autism Society of America. Nevada.

Gadow, K.D., DeVincent, C.J., Pomeroy, J., 2006. ADHD symptom subtypes in children with pervasive developmental disorder. *J. Autism Dev. Disord.* 36: 271–283.

Gartner, L.M., Morton, J., Lawrence, R.A., Naylor, A.J., O'Hare, D., Schanler, R.J., et al., 2005. Breastfeeding and the use of human milk. *Pediatrics* 115: 496–

506.
Gauthier, J., Joober, R., Dube, M.P., St-Onge, J., Bonnel, A., Gariepy, D., et al., 2006. Autism spectrum disorders associated with X chromosome markers in French-Canadian males. *Mol. Psychiatry* 11: 206.
Getahun, D., Fassett, M.J., Peltier, M.R., Wing, D.A., Xiang, A.H., Chiu, V., et al., 2017. Association of Perinatal Risk Factors with Autism Spectrum Disorder. *Am. J. Perinatol.* 34: 295–304.
Gilbert, C., 1994. Neurotransmitter status and remission of rheumatoid arthritis in pregnancy. *J. Rheumatol.* 21: 1056–1060.
Gillberg, C., Terenius, L., Hagberg, B., Witt-Engerström, I., Eriksson, I., 1990. CSF beta-endorphins in childhood neuropsychiatric disorders. *Brain Dev.* 12: 88–92.
Glasson, E.J., Bower, C., Petterson, B., de Klerk, N., Chaney, G., Hallmayer, J.F., 2004. Perinatal factors and the development of autism: a population study. *Arch. Gen. Psychiatry* 61: 618–627.
Gregory, S. G., Anthopolos, R., Osgood, C. E., Grotegut, C. A., & Miranda, M.L., 2013. Association of autism with induced or aug- mented childbirth in North Carolina birth record (1990-1998) and education research (1997-2007) databases. *JAMA Pediatr.* 167(10): 959–966.
Gross, R., 2017. Is cesarean section associated with risk for autism spectrum disorder?, in: European Neuropsychopharmacology. ELSEVIER SCIENCE BV PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, pp. S749–S749.
Guastella, A.J., Kenyon, A.R., Unkelbach, C., Alvares, G.A., Hickie, I.B., 2011. Arginine Vasopressin selectively enhances recognition of sexual cues in male humans. *Psychoneuroendocrinology* 36: 294–297.
Hallmayer, J., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., et al., 2011. Genetic heritability and shared environmental factors among twin pairs with autism. *Arch. Gen. Psychiatry* 68: 1095–1102.
Hamer, M., Ford, T., Stamatakis, E., Dockray, S., Batty, G.D., 2011. Objectively measured secondhand smoke exposure and mental health in children: evidence from the Scottish Health Survey. *Arch. Pediatr. Adolesc. Med.* 165: 326–331.
Harrison, A.J., Gamsiz, E.D., Berkowitz, I.C., Nagpal, S., Jerskey, B.A., 2015. Genetic variation in the oxytocin receptor gene is associated with a social phenotype in autism spectrum disorders. *Am. J. Med. Genet. Part B Neuropsychiatr. Genet.* 168: 720–729.
Hartono, B., 2002. Aspek neurologik Autisme Infantil, in: Seminar & Work-Shop on Fragile-X Mental Retardation, Autism and Related Disorders. Semarang: Badan Penerbit Universitas Diponegoro.
Hedges, S.H., Shea, V., 2018. Age-Related Issues in the Assessment of Autism Spectrum Disorder. *Assess. Autism Spectr. Disord.* 130.
Herrmann, M., King, K., Weitzman, M., 2008. Prenatal tobacco smoke and postnatal secondhand smoke exposure and child neurodevelopment. *Curr. Opin. Pediatr.* 20: 184–190.
Honda, H., Shimizu, Y., Imai, M., Nitto, Y., 2005. Cumulative incidence of childhood autism: a total population study of better accuracy and precision.

Dev. Med. Child Neurol. 47: 10–18.

Hornig, M., Bresnahan, M.A., Che, X., Schultz, A.F., Ukaigwe, J.E., Eddy, M.L., et al., 2018. Prenatal fever and autism risk. *Mol. Psychiatry* 23: 759–766.

House & Wheeler, M., 2000. Functional Analysis of Behavior. A resources guide. Autism and ADD, Washington. ed. Resources Inc.

Howard, M.A., Cowell, P.E., Boucher, J., Broks, P., Mayes, A., Farrant, A., et al., 2000. Convergent neuroanatomical and behavioural evidence of an amygdala hypothesis of autism. *Neuroreport* 11: 2931–2935.

Hruba, D., Kachlik, P., 2000. Influence of maternal active and passive smoking during pregnancy on birthweight in newborns. *Cent. Eur. J. Public Health* 8: 249–252.

Hultman, C.M., Sparén, P., Cnattingius, S., 2002. Perinatal risk factors for infantile autism. *Epidemiology* 13: 417–423.

Ingram, R.E., Ritter, J., 2000. Vulnerability to depression: Cognitive reactivity and parental bonding in high-risk individuals. *J. Abnorm. Psychol.* 109: 588.

Inoue, T., Kimura, T., Azuma, C., Inazawa, J., Takemura, M., Kikuchi, T., et al., 1994. Structural organization of the human oxytocin receptor gene. *J. Biol. Chem.* 269: 32451–32456.

Insel, T.R., 2010. The challenge of translation in social neuroscience: a review of oxytocin, vasopressin, and affiliative behavior. *Neuron* 65: 768–779.

Insel, T.R., Shapiro, L.E., 1992. Oxytocin receptor distribution reflects social organization in monogamous and polygamous voles. *Proc. Natl. Acad. Sci.* 89: 5981–5985.

Insel, T.R., Young, L.J., 2001. The neurobiology of attachment. *Nat. Rev. Neurosci.* 2: 129.

Jacob, C., Ph, D., Jr, E.H.C., 2007. Association of the Oxytocin Receptor Gene (OXTR) in Caucasioan Children and Adolescents with Autism. *Neurosci. Lett.* 417: 6–9.

Jacob, S., Brune, C.W., Carter, C.S., Leventhal, B.L., Lord, C., Cook, E.H., 2007. Association of the oxytocin receptor gene (OXTR) in Caucasian children and adolescents with autism. *Neurosci. Lett.* 417: 6–9.

Jamain, S., Quach, H., Betancur, C., Råstam, M., Colineaux, C., Gillberg, I.C., et al., 2003. Mutations of the X-linked genes encoding neuroligins NLGN3 and NLGN4 are associated with autism. *Nat. Genet.* 34: 27.

Jeans, L.M., Santos, R.M., Laxman, D.J., McBride, B.A., Dyer, W.J., 2013. Early predictors of ASD in young children using a nationally representative data set. *J. Early Interv.* 35: 303–331.

Johnson, C.P., Myers, S.M., 2007. Identification and evaluation of children with autism spectrum disorders. *Pediatrics* 120: 1183–1215.

Johnson, N.L., Burkett, K., Reinhold, J., Bultas, M.W., 2016. Translating Research to Practice for Children With Autism Spectrum Disorder: Part I: Definition, Associated Behaviors, Prevalence, Diagnostic Process, and Interventions. *J. Pediatr. Heal. Care* 30: 15–26.

Jokiranta-Olkoniemi, E., Cheslack-Postava, K., Sucksdorff, D., Suominen, A., Gyllenberg, D., Chudal, R., et al., 2016a. Risk of psychiatric and neurodevelopmental disorders among siblings of probands with autism

spectrum disorders. *JAMA psychiatry* 73: 622–629.

Jokiranta-Olkoniemi, E., Cheslack-Postava, K., Sucksdorff, D., Suominen, A., Gyllenberg, D., Chudal, R., et al., 2016b. Risk of Psychiatric and Neurodevelopmental Disorders Among Siblings of Probands With Autism Spectrum Disorders. *JAMA psychiatry* 73: 622–9.

Jorde, L.B., Mason-Brothers, A., Waldmann, R., Ritvo, E.R., Freeman, B.J., Pingree, C., et al., 1990. The UCLA–University of Utah epidemiologic survey of autism: genealogical analysis of familial aggregation. *Am. J. Med. Genet.* 36: 85–88.

Judarwanto, W., 2006. Deteksi Dini dan Skrening Autis. *Tersedia http//www. alergianak. bravehost. com*.

Kanner, L., 1943. Autistic disturbances of affective contact. *Nerv. Child* 2: 217–250.

Kazantseva, A. V, Kutlumbetova, Y.Y., Malykh, S.B., Lobaskova, M.M., Khusnutdinova, E.K., 2014. Arginine-vasopressin receptor gene (AVPR1A, AVPR1B) polymorphisms and their relation to personality traits. *Russ. J. Genet.* 50: 298–307.

Kenkel, W.M., Paredes, J., Yee, J.R., Pournajafi-Nazarloo, H., Bales, K.L., Carter, C.S., 2012. Neuroendocrine and behavioural responses to exposure to an infant in male prairie voles. *J. Neuroendocrinol.* 24: 874–886.

Kent, W.J., Sugnet, C.W., Furey, T.S., Roskin, K.M., Pringle, T.H., Zahler, A.M., et al., 2002. The human genome browser at UCSC. *Genome Res.* 12: 996–1006.

Kiechl-Kohlendorfer, U., Ralser, E., Pupp Peglow, U., Reiter, G., Griesmaier, E., Trawöger, R., 2010. Smoking in pregnancy: a risk factor for adverse neurodevelopmental outcome in preterm infants? *Acta Paediatr.* 99: 1016–1019.

Kim, S.-J., Young, L.J., Gonen, D., Veenstra-VanderWeele, J., Courchesne, R., Courchesne, E., et al., 2002. Transmission disequilibrium testing of arginine vasopressin receptor 1A (AVPR1A) polymorphisms in autism. *Mol. Psychiatry* 7: 503–507.

Kim, Y.S., Leventhal, B.L., Koh, Y.-J., Fombonne, E., Laska, E., Lim, E.-C., et al., 2011. Prevalence of autism spectrum disorders in a total population sample. *Am. J. Psychiatry* 168: 904–912.

Kimura, T., Tanizawa, O., Mori, K., Brownstein, M.J., Okayama, H., 1992. Structure and expression of a human oxytocin receptor. *Nature* 356: 526.

Kobayashi, K., Kurosawa, Y., Fujita, K., Nagatsu, T., 1989. Human dopamine β-hydroxylase gene: two mRNA types having different 3'terminal regions are produced through alternative polyadenylation. *Nucleic Acids Res.* 17: 1089–1102.

Kosfeld, M., Heinrichs, M., Zak, P.J., Fischbacher, U., Fehr, E., 2005. Oxytocin increases trust in humans. *Nature* 435: 673.

Kranz, T.M., Kopp, M., Waltes, R., Sachse, M., Duketis, E., Jarczok, T.A., et al., 2016. Meta-analysis and association of two common polymorphisms of the human oxytocin receptor gene in autism spectrum disorder. *Autism Res.*

Kukla, L., Hruba, D., Tyrlik, M., 2004. Influence of prenatal and postnatal exposure

to passive smoking on infants' health during the first six months of their life. *Cent. Eur. J. Public Health* 12: 157–160.

Kuzniewicz, M.W., Wi, S., Qian, Y., Walsh, E.M., Armstrong, M.A., Croen, L.A., 2014. Prevalence and neonatal factors associated with autism spectrum disorders in preterm infants. *J. Pediatr.* 164: 20–25.

Landgraf, R., Wigger, A., 2003. Born to be anxious: neuroendocrine and genetic correlates of trait anxiety in HAB rats. *Stress* 6: 111–119.

Larsson, H.J., Eaton, W.W., Madsen, K.M., Vestergaard, M., Olesen, A.V., Agerbo, E., et al., 2005. Risk factors for autism: perinatal factors, parental psychiatric history, and socioeconomic status. *Am. J. Epidemiol.* 161: 916–925.

Larsson, M., Weiss, B., Janson, S., Sundell, J., Bornehag, C.-G., 2009. Associations between indoor environmental factors and parental-reported autistic spectrum disorders in children 6–8 years of age. *Neurotoxicology* 30: 822–831.

Leavey, A., Zwaigenbaum, L., Heavner, K., Burstyn, I., 2013. Gestational age at birth and risk of autism spectrum disorders in Alberta, Canada. *J. Pediatr.* 162: 361–368.

Lee, B.K., Gardner, R.M., Dal, H., Svensson, A., Galanti, M.R., Rai, D., et al., 2012. Brief report: maternal smoking during pregnancy and autism spectrum disorders. *J. Autism Dev. Disord.* 42: 2000–2005.

Lemeshow, S., Hosmer, D.W., Klar, J., Lwanga, S.K., 1997. Besar sampel dalam penelitian kesehatan. *Yogyakarta Gajah Mada Univ.*

Lerer, E., Levi, S., Salomon, S., Darvasi, a, Yirmiya, N., Ebstein, R.P., 2008. Association between the oxytocin receptor (OXTR) gene and autism: relationship to Vineland Adaptive Behavior Scales and cognition. *Mol. Psychiatry* 13: 980–988.

Li, Y.-C., Korol, A.B., Fahima, T., Nevo, E., 2004. Microsatellites within genes: structure, function, and evolution. *Mol. Biol. Evol.* 21: 991–1007.

Lichtenstein, P., Carlström, E., Råstam, M., Gillberg, C., Anckarsäter, H., 2010. The genetics of autism spectrum disorders and related neuropsychiatric disorders in childhood. *Am. J. Psychiatry* 167: 1357–1363.

Lin, Q., Hou, X.-Y., Yin, X.-N., Wen, G.-M., Sun, D., Xian, D.-X., et al., 2017. Prenatal exposure to environmental tobacco smoke and hyperactivity behavior in Chinese young children. *Int. J. Environ. Res. Public Health* 14: 1132.

Liu, X., Kawamura, Y., Shimada, T., Otowa, T., Koishi, S., Sugiyama, T., et al., 2010. Association of the oxytocin receptor (OXTR) gene polymorphisms with autism spectrum disorder (ASD) in the Japanese population. *J. Hum. Genet.* 55: 137–141.

LoParo, D., Waldman, I.D., 2015. The oxytocin receptor gene (OXTR) is associated with autism spectrum disorder: a meta-analysis. *Mol. Psychiatry* 20: 640.

Lovaas, O., 1998. Eary Intervention in Autism. Proceeding National Conference of Autism. Autism Society of America. Nevada.

Ma, W.-J., Hashii, M., Munesue, T., Hayashi, K., Yagi, K., Yamagishi, M., et al., 2013. Non-synonymous single-nucleotide variations of the human oxytocin receptor gene and autism spectrum disorders: a case–control study in a Japanese population and functional analysis. *Mol. Autism* 4: 22.

MacDonald, K., MacDonald, T.M., 2010. The peptide that binds: a systematic review of oxytocin and its prosocial effects in humans. *Harv. Rev. Psychiatry* 18: 1–21.

Maenner, M.J., Rice, C.E., Arneson, C.L., Cunniff, C., Schieve, L.A., Carpenter, L.A., et al., 2014. Potential impact of DSM-5 criteria on autism spectrum disorder prevalence estimates. *JAMA psychiatry* 71: 292–300.

Maimburg, R.D., Væth, M., 2006. Perinatal risk factors and infantile autism. *Acta Psychiatr. Scand.* 114: 257–264.

Martineau, J., Barthélémy, C., Jouve, J., Muh, J., LeLord, G., 1992. Monoamines (serotonin and catecholamines) and their derivatives in infantile autism: Age-related changes and drug effects. *Dev. Med. Child Neurol.* 34: 593–603.

Mason-Brothers, A., Ritvo, E.R., Pingree, C., Petersen, P.B., Jenson, W.R., McMahon, W.M., et al., 1990. The UCLA-University of Utah epidemiologic survey of autism: prenatal, perinatal, and postnatal factors. *Pediatrics* 86: 514–519.

McCormick, M.C., Gortmaker, S.L., Sobol, A.M., 1990. Very low birth weight children: behavior problems and school difficulty in a national sample. *J. Pediatr.* 117: 687–693.

McCoy, P.A., Shao, Y., Wolpert, C.M., Donnelly, S.L., Ashley-Koch, A., Abel, H.L., et al., 2002. No association between the WNT2 gene and autistic disorder. *Am. J. Med. Genet.* 114: 106–109.

Meyer-Lindenberg, A., Domes, G., Kirsch, P., Heinrichs, M., 2011. Oxytocin and vasopressin in the human brain: social neuropeptides for translational medicine. *Nat. Rev. Neurosci.* 12: 524–538.

Meyer-Lindenberg, A., Kolachana, B., Gold, B., Olsh, A., Nicodemus, K.K., Mattay, V., et al., 2009. Genetic variants in AVPR1A linked to autism predict amygdala activation and personality traits in healthy humans. *Mol. Psychiatry* 14: 968.

Miller, M., Iosif, A.M., Young, G.S., Hill, M., Phelps Hanzel, E., Hutman, T., et al., 2016. School-age outcomes of infants at risk for autism spectrum disorder. *Autism Res.* 9: 632–642.

Moetrarsi, 2000. Manifestasi Deteksi Dini dan Diagnosis Banding Autisme Infantil. Seminar Deteksi dan Intervensi Dini Autisme. Pusat Pengkajian dan Pengamatan Tumbuh Kembang Anak. Pena Leluasa AMSA FK UGM. Yogyakarta.

Moster, D., Lie, R.T., Markestad, T., 2008. Long-term medical and social consequences of preterm birth. *N. Engl. J. Med.* 359: 262–273.

Muhartomo, H., 2004. FAKTOR-FAKTOR RISIKO YANG BERPENGARUH TERHADAP KEJADIAN AUTISME (The risk factors of Autism).

Muhartono, H & Hartono, B., 2001. Beberapa faktor sebagai latar belakang timbulnya autisme di Pusat Latihan Putra Mandiri. *Lap. Penelitian. Unpubl. Semarang.*

Muhle, R., Trentacoste, S. V, Rapin, I., 2004. The genetics of autism. *PEDIATRICS-SPRINGFIELD*- 113: 1389.

Nagamitsu, S., Matsuishi, T., Kisa, T., Komori, H., Miyazaki, M., Hashimoto, T., et al., 1997. CSF β-endorphin levels in patients with infantile autism. *J. Autism*

Dev. Disord. 27: 155–163.
National Institute of Mental Health, N., 2006. No Title.
National Institute of Neurological Disorders and Stroke (NINDS), 2006. No Title.
Nelson, O.&, 1995. Bits and pieces in a puzzle—rheumatoid arthritis and pregnancy.
Neumann, I.D., Landgraf, R., 2012. Balance of brain oxytocin and vasopressin: implications for anxiety, depression, and social behaviors. *Trends Neurosci.* 35: 649–659.
Newbury, D.F., Bonora, E., Lamb, J.A., Fisher, S.E., Lai, C.S.L., Baird, G., et al., 2002. FOXP2 is not a major susceptibility gene for autism or specific language impairment. *Am. J. Hum. Genet.* 70: 1318–1327.
Newschaffer, C.J., Fallin, D., Lee, N.L., 2002. Heritable and nonheritable risk factors for autism spectrum disorders. *Epidemiol. Rev.* 24: 137–153.
Nigg, J.T., Breslau, N., 2007. Prenatal smoking exposure, low birth weight, and disruptive behavior disorders. *J. Am. Acad. Child Adolesc. Psychiatry* 46: 362–369.
Nugraheni, S.A., 2016. Menguak Belantara Autisme. *Bul. Psikol.* 20: 9–17.
Nyffeler, J., Walitza, S., Bobrowski, E., Gundelfinger, R., Grünblatt, E., 2014. Association study in siblings and case-controls of serotonin- and oxytocin-related genes with high functioning autism. *J. Mol. Psychiatry* 2: 1.
Office on Smoking and Health (US), 2007. Children and Secondhand Smoke Exposure. Excerpts from The Health Consequences of Involuntary Exposure to Tobacco Smoke: A Report of the Surgeon General; Centers for Disease Control and Prevention (US): Atlanta, GA, USA, 2007.
Ostensen, M., Nelson, J., 1995. Bits and pieces in a puzzle—rheumatoid arthritis and pregnancy.
Ozonoff, S., Young, G.S., Carter, A., Messinger, D., Yirmiya, N., Zwaigenbaum, L., et al., 2011. Recurrence risk for autism spectrum disorders: a Baby Siblings Research Consortium study. *Pediatrics* 128: e488-95.
Ozonoff, S., Young, G.S., Landa, R.J., Brian, J., Bryson, S., Charman, T., et al., 2015. Diagnostic stability in young children at risk for autism spectrum disorder: a baby siblings research consortium study. *J. Child Psychol. Psychiatry* 56: 988–998.
Pagani, J.H., Zhao, M., Cui, Z., Avram, S.K.W., Caruana, D.A., Dudek, S.M., et al., 2015. Role of the vasopressin 1b receptor in rodent aggressive behavior and synaptic plasticity in hippocampal area CA2. *Mol. Psychiatry* 20: 490.
Panksepp, J., 1979. A neurochemical theory of autism. *Trends Neurosci.* 2: 174–177.
Parker, K.J., Garner, J.P., Libove, R.A., Hyde, S.A., Hornbeak, K.B., Carson, D.S., et al., 2014. Plasma oxytocin concentrations and OXTR polymorphisms predict social impairments in children with and without autism spectrum disorder. *Proc. Natl. Acad. Sci. U. S. A.* 111: 12258–63.
Patterson, P.H., 2002. Maternal infection: window on neuroimmune interactions in fetal brain development and mental illness. *Curr. Opin. Neurobiol.* 12: 115–118.
Plomin, R., DeFries, J.C., McClearn, G.E., 2008. Behavioral genetics. Macmillan.

Pogodina, C., Huber, L.R.B., Racine, E.F., Platonova, E., 2009. Smoke-free homes for smoke-free babies: the role of residential environmental tobacco smoke on low birth weight. *J. Community Health* 34: 376–382.

Poole-Di Salvo, E., Liu, Y.-H., Brenner, S., Weitzman, M., 2010. Adult household smoking is associated with increased child emotional and behavioral problems. *J. Dev. Behav. Pediatr. JDBP* 31: 107.

Prigge, M.B.D., Bigler, E.D., Travers, B.G., Froehlich, A., Abildskov, T., Anderson, J.S., et al., 2018. Social Responsiveness Scale (SRS) in relation to longitudinal cortical thickness changes in autism spectrum disorder. *J. Autism Dev. Disord.* 48: 3319–3329.

Purwanti, O.S., Maliya, A., 2017. Kegawatdaruratan kejang demam pada anak. *Ber. Ilmu Keperawatan* 1: 97–100.

Pusponegoro, H.D., 2003. Pandangan Umum Mengenai Klasifikasi Spektrum Gangguan Autistik dan Kelainan Susunan Saraf Pusat. *Konf. Nas. Autisme-1, Hotel Sahid Jaya, Jakarta*.

Ramaswami, G., Geschwind, D.H., 2018. Genetics of autism spectrum disorder. *Handb. Clin. Neurol.* 147: 321–329.

Ravi, S., Chandrasekaran, V., Kattimani, S., Subramanian, M., 2016. Maternal and birth risk factors for children screening positive for autism spectrum disorders on M-CHAT-R. *Asian J. Psychiatr.* 22: 17–21.

Rayburn, W.F., Carey, J.C., 2001. Obstetri dan ginekologi. *Jakarta Widya Med.* 268–270.

Riany, Y.E., Cuskelly, M., Meredith, P., 2016. Cultural beliefs about autism in Indonesia. *Int. J. Disabil. Dev. Educ.* 63: 623–640.

Roescher, A.M., Timmer, A., Erwich, J.J.H.M., Bos, A.F., 2014. Placental pathology, perinatal death, neonatal outcome, and neurological development: a systematic review. *PLoS One* 9: e89419.

Román, G.C., 2007. Autism: transient in utero hypothyroxinemia related to maternal flavonoid ingestion during pregnancy and to other environmental antithyroid agents. *J. Neurol. Sci.* 262: 15–26.

Rosen, N.J., Yoshida, C.K., Croen, L.A., 2007. Infection in the first 2 years of life and autism spectrum disorders. *Pediatrics* 119: e61–e69.

Rosenthal, D.G., Weitzman, M., 2011. Examining the effects of intrauterine and postnatal exposure to tobacco smoke on childhood cognitive and behavioral development. *Int. J. Ment. Health* 40: 39–64.

Rossignol, D.A., Frye, R.E., 2012. A review of research trends in physiological abnormalities in autism spectrum disorders: Immune dysregulation, inflammation, oxidative stress, mitochondrial dysfunction and environmental toxicant exposures. *Mol. Psychiatry*.

Rückinger, S., Rzehak, P., Chen, C.-M., Sausenthaler, S., Koletzko, S., Bauer, C.-P., et al., 2009. Prenatal and postnatal tobacco exposure and behavioral problems in 10-year-old children: results from the GINI-plus prospective birth cohort study. *Environ. Health Perspect.* 118: 150–154.

Sandin, S., Lichtenstein, P., Kuja-Halkola, R., Larsson, H., Hultman, C.M., Reichenberg, A., 2014. The familial risk of autism. *JAMA - J. Am. Med. Assoc.* 311: 1770–1777.

Saugstad, L.F., 1999. A lack of cerebral lateralization in schizophrenia is within the normal variation in brain maturation but indicates late, slow maturation. *Schizophr. Res.* 39: 183–196.

Sawchenko, P.E., Swanson, L.W., 1985. Localization, colocalization, and plasticity of corticotropin-releasing factor immunoreactivity in rat brain., in: Federation Proceedings. pp. 221–227.

Scattoni, M.L., McFarlane, H.G., Zhodzishsky, V., Caldwell, H.K., Young, W.S., Ricceri, L., et al., 2008. Reduced ultrasonic vocalizations in vasopressin 1b knockout mice. *Behav. Brain Res.* 187: 371–378.

Schendel, D., Bhasin, T.K., 2008. Birth weight and gestational age characteristics of children with autism, including a comparison with other developmental disabilities. *Pediatrics* 121: 1155–1164.

Schieve, L.A., Rice, C., Devine, O., Maenner, M.J., Lee, L.-C., Fitzgerald, R., et al., 2011. Have secular changes in perinatal risk factors contributed to the recent autism prevalence increase? Development and application of a mathematical assessment model. *Ann. Epidemiol.* 21: 930–945.

Schieve, L.A., Tian, L.H., Baio, J., Rankin, K., Rosenberg, D., Wiggins, L., et al., 2014. Population attributable fractions for three perinatal risk factors for autism spectrum disorders, 2002 and 2008 autism and developmental disabilities monitoring network. *Ann. Epidemiol.* 24: 260–266.

Seibold, A., Brabet, P., Rosenthal, W., Birnbaumer, M., 1992. Structure and chromosomal localization of the human antidiuretic hormone receptor gene. *Am. J. Hum. Genet.* 51: 1078.

Selten, J.P., Lundberg, M., Rai, D., Magnusson, C., 2015. Risks for nonaffective psychotic disorder and bipolar disorder in young people with autism spectrum disorder: A population-based study. *JAMA Psychiatry* 72: 483–489.

Seltzer, L.J., Ziegler, T.E., Pollak, S.D., 2010. Social vocalizations can release oxytocin in humans. *Proc. R. Soc. B Biol. Sci.* 277: 2661–2666.

Shao, Y., Raiford, K.L., Wolpert, C.M., Cope, H.A., Ravan, S.A., Ashley-Koch, A.A., et al., 2002. Phenotypic homogeneity provides increased support for linkage on chromosome 2 in autistic disorder. *Am. J. Hum. Genet.* 70: 1058–1061.

Shapiro, L.E., Insel, T.R., 1989. Ontogeny of oxytocin receptors in rat forebrain: a quantitative study. *Synapse* 4: 259–266.

Shattock, P., & Savery, D., 2001. Autisme as a Metabolic Disorder. Seminar: Intervensi Biomedis pada Gangguan autisme dan Sejenisnya. Yayasan Autisme Indonesia. Jakarta.

Shi, L., Fatemi, S.H., Sidwell, R.W., Patterson, P.H., 2003. Maternal influenza infection causes marked behavioral and pharmacological changes in the offspring. *J. Neurosci.* 23: 297–302.

Shirataki, S., 1998. Early Detection Infants. Simposium Autisme pada Anak. Fakultas Kedokteran UNAIR. Surabaya.

Simmons CF Jr, Clancy TE, Quan R, K.J. 1995., 1995. The oxytocin receptor gene (OXTR) localizes to human chromosome 3p25 by fluorescence in situ hybridization and PCR analysis of somatic cell hybrids. *Genomics* 26: 623–625.

Simmons Jr, C.F., Clancy, T.E., Quan, R., Knoll, J.H.M., 1995. The oxytocin receptor gene (OXTR) localizes to human chromosome 3p25 by fluorescence in situ hybridization and PCR analysis of somatic cell hybrids. *Genomics* 26: 623–625.

Simonoff, E., Pickles, A., Charman, T., Chandler, S., Loucas, T., Baird, G., 2008. Psychiatric disorders in children with autism spectrum disorders: prevalence, comorbidity, and associated factors in a population-derived sample. *J. Am. Acad. Child Adolesc. Psychiatry* 47: 921–9.

Slotkin, T.A., 2004. Cholinergic systems in brain development and disruption by neurotoxicants: nicotine, environmental tobacco smoke, organophosphates. *Toxicol. Appl. Pharmacol.* 198: 132–151.

Smalley, S.L., Asarnow, R.F., Spence, A., 2015. Autism and genetics | Understanding Genetics.

Sobotova, L., Liu, Y.-H., Burakoff, A., Sevcikova, L., Weitzman, M., 2011. Household exposure to secondhand smoke is associated with decreased physical and mental health of mothers in the USA. *Matern. Child Health J.* 15: 128–137.

Steffenburg, S., Christopher, G., Lars, H., Lena, A., I. Carina, G., Gun, J., et al., 1989. A Twin Study of Autism in Denmark , Finland, Iceland, Norway and Sweden. *J. Child Psychol. Psychiatry* 30: 405–416.

Stein, D., Weizman, A., Ring, A., Barak, Y., 2006. Obstetric complications in individuals diagnosed with autism and in healthy controls. *Compr. Psychiatry* 47: 69–75.

Stoll, B.J., Hansen, N.I., Sanchez, P.J., Faix, R.G., Poindexter, B.B., Van Meurs, K.P., et al., 2011. Early onset neonatal sepsis: the burden of group B Streptococcal and E. coli disease continues. *Pediatrics* 127: 817.

Stoner, R., Chow, M.L., Boyle, M.P., Sunkin, S.M., Mouton, P.R., Roy, S., et al., 2014. Patches of disorganization in the neocortex of children with autism. *N. Engl. J. Med.* 370: 1209–1219.

Sugiarmin, M., Baihaqi, M., 2006. Inklusi (Sekolah Ramah Untuk Semua). *Bandung: Penerbit Nuansa*.

Sugimoto, T., Saito, M., Mochizuki, S., Watanabe, Y., Hashimoto, S., Kawashima, H., 1994. Molecular cloning and functional expression of a cDNA encoding the human V1b vasopressin receptor. *J. Biol. Chem.* 269: 27088–27092.

Sullivan, P.F., Magnusson, C., Reichenberg, A., Boman, M., Dalman, C., Davidson, M., et al., 2012. Family history of schizophrenia and bipolar disorder as risk factors for autism. *Arch. Gen. Psychiatry* 69: 1099–1103.

Sutadi, R., 1997. Tata Laksana Perilaku pada Penyandang Autisme. *Simp. Tata Laksana Autisme oleh Yayasan Autisme Indones. Jakarta tidak diterbitkan*.

Swineford, L.B., Thurm, A., Baird, G., Wetherby, A.M., Swedo, S., 2014. Social (pragmatic) communication disorder: A research review of this new DSM-5 diagnostic category. *J. Neurodev. Disord.* 6: 41.

Talebizadeh, Z., Bittel, D.C., Miles, J.H., Takahashi, N., Wang, C.H., Kibiryeva, N., et al., 2002. No association between HOXA1 and HOXB1 genes and autism spectrum disorders (ASD). *J. Med. Genet.* 39: e70–e70.

Thibonnier, and Schork, N.J., 1995. The genetics of hypertension. *Curr. Opin.*

Genet. Dev 5: 362–370.

Thibonnier, M., 1992. Signal transduction of V1-vascular vasopressin receptors. *Regul. Pept.* 38: 1–11.

Thibonnier, M., Graves, M.K., Wagner, M.S., Auzan, C., Clauser, E., Willard, H.F., 1996. Structure, sequence, expression, and chromosomal localization of the human v1avasopressin receptor gene. *Genomics* 31: 327–334.

Thibonnier, M., Graves, M.K., Wagner, M.S., Chatelain, N., Soubrier, F., Corvol, P., et al., 2000. Study of V1-vascular vasopressin receptor gene microsatellite polymorphisms in human essential hypertension. *J. Mol. Cell. Cardiol.* 32: 557–564.

Tribollet, E., Charpak, S., Schmidt, A., Dubois-Dauphin, M., Dreifuss, J.J., 1989. Appearance and transient expression of oxytocin receptors in fetal, infant, and peripubertal rat brain studied by autoradiography and electrophysiology. *J. Neurosci.* 9: 1764–1773.

Tribollet, E., Goumaz, M., Raggenbass, M., Dreifuss, J.-J., 1991. Appearance and transient expression of vasopressin and oxytocin receptors in the rat brain. *J. Recept. Res.* 11: 333–346.

Tu, P., Hsu, J., Lan, C., Liu, C., Su, T., Chen, Y., 2016. Structural and functional correlates of a quantitative autistic trait measured using the social responsive scale in neurotypical male adolescents. *Autism Res.* 9: 570–578.

Van der Kooij, M.A., Sandi, C., 2015. The genetics of social hierarchies. *Curr. Opin. Behav. Sci.* 2: 52–57.

Vasa, R.A., Anderson, C., Marvin, A.R., Rosenberg, R.E., Law, J.K., Thorn, J., et al., 2012. Mood disorders in mothers of children on the autism spectrum are associated with higher functioning autism. *Autism Res. Treat.* 2012.

Veen, S., Ens-Dokkum, M.H., Schreuder, A.M., Verloove-Vanhorick, S.P., Ruys, J.H., Brand, R., 1991. Impairments, disabilities, and handicaps of very preterm and very-low-birthweight infants at five years of age. *Lancet* 338: 33–36.

Vincent, J.B., Melmer, G., Bolton, P.F., Hodgkinson, S., Holmes, D., Curtis, D., et al., 2005. Genetic linkage analysis of the X chromosome in autism, with emphasis on the fragile X region. *Psychiatr. Genet.* 15: 83–90.

Walker, A., 2010. Breast milk as the gold standard for protective nutrients. *J. Pediatr.* 156: S3–S7.

Wallace, G.L., Shaw, P., Lee, N.R., Clasen, L.S., Raznahan, A., Lenroot, R.K., et al., 2012. Distinct cortical correlates of autistic versus antisocial traits in a longitudinal sample of typically developing youth. *J. Neurosci.* 32: 4856–4860.

Wargasetia, T.L., 2003. Perkembangan Mutakhir Genetika Biomolekuler pada Autisme. *Maranatha J. Med. Heal.* 2.

Waring, R., 1997. The negative effects of learning words in semantic sets: A replication. *System* 25: 261–274.

Wassink, T.H., Piven, J., Vieland, V.J., Huang, J., Swiderski, R.E., Pietila, J., et al., 2001. Evidence supporting WNT2 as an autism susceptibility gene. *Am. J. Med. Genet.* 105: 406–413.

Wassink, T.H., Piven, J., Vieland, V.J., Pietila, J., Goedken, R.J., Folstein, S.E., et al., 2004. Examination of AVPR1a as an autism susceptibility gene. *Mol.*

Psychiatry 9: 968.

Weitlauf, A.S., McPheeters, M.L., Peters, B., Sathe, N., Travis, R., Aiello, R., et al., 2014. Therapies for children with autism spectrum disorder.

Weitzman, M., Byrd, R.S., Aligne, C.A., Moss, M., 2002. The effects of tobacco exposure on children's behavioral and cognitive functioning:: Implications for clinical and public health policy and future research. *Neurotoxicol. Teratol.* 24: 397–406.

Werling, D.M., Geschwind, D.H., 2013. Understanding sex bias in autism spectrum disorder. *Proc. Natl. Acad. Sci.* 110: 4868–4869.

Wermter, A., Kamp-Becker, I., Hesse, P., Schulte-Körne, G., Strauch, K., Remschmidt, H., 2010. Evidence for the involvement of genetic variation in the oxytocin receptor gene (OXTR) in the etiology of autistic disorders on high-functioning level. *Am. J. Med. Genet. Part B Neuropsychiatr. Genet.* 153: 629–639.

Whiteley, P., Shattock, P., 2002. Biochemical aspects in autism spectrum disorders: updating the opioid-excess theory and presenting new opportunities for biomedical intervention. *Expert Opin. Ther. Targets* 6: 175–183.

WHO, 2017. Collaborative framework for addressing Autism Spectrum Disorder in the South-East Asia Region.

Widyawati, I., 1999. Kriteria diagnostik gangguan autistik. *Lokakarya Penatalaksanaan Anak Autis. Yayasan Autisme Indones.*

Wignyosumarto, S., Mukhlas, M., Shirataki, S., 1992. Epidemiological and clinical study of autistic children in Yogyakarta, Indonesia. *Kobe J. Med. Sci.* 38: 1–19.

Wilkerson, D.S., Volpe, A.G., Dean, R.S., Titus, J.B., 2002. Perinatal complications as predictors of infantile autism. *Int. J. Neurosci.* 112: 1085–1098.

Willsey, A.J., Sanders, S.J., Li, M., Dong, S., Tebbenkamp, A.T., Muhle, R.A., et al., 2013. Coexpression networks implicate human midfetal deep cortical projection neurons in the pathogenesis of autism. *Cell* 155: 997–1007.

Wing, L., 1974. Autistik Children a Guide for Parents and Professionals.

Wipfli, H., Avila-Tang, E., Navas-Acien, A., Kim, S., Onicescu, G., Yuan, J., et al., 2008. Secondhand smoke exposure among women and children: evidence from 31 countries. *Am. J. Public Health* 98: 672–679.

World Health Organization. Tobacco-Free Initiative, 2005.

Wu, S., Ding, Y., Wu, F., Li, R., Xie, G., Hou, J., et al., 2015. Family history of autoimmune diseases is associated with an increased risk of autism in children: A systematic review and meta-analysis. *Neurosci. Biobehav. Rev.* 55: 322–332.

Wu, S., Jia, M., Ruan, Y., Liu, J., Guo, Y., Shuang, M., et al., 2005. Positive association of the oxytocin receptor gene (OXTR) with autism in the Chinese Han population. *Biol. Psychiatry* 58: 74–77.

Xiang, A.H., Wang, X., Martinez, M.P., Walthall, J.C., Curry, E.S., Page, K., et al., 2015. Association of maternal diabetes with autism in offspring. *Jama* 313: 1425–1434.

Yamasue, H., 2013. Function and structure in social brain regions can link oxytocin-receptor genes with autistic social behavior. *Brain Dev.* 35: 111–118.

Yang, S.Y., Cho, S.-C., Yoo, H.J., Cho, I.H., Park, M., Yoe, J., et al., 2010. Family-based association study of microsatellites in the 5′ flanking region of AVPR1A with autism spectrum disorder in the Korean population. *Psychiatry Res.* 178: 199–201.

Yeargin-Allsopp, M., Rice, C., Karapurkar, T., Doernberg, N., Boyle, C., Murphy, C., 2003. Prevalence of autism in a US metropolitan area. *Jama* 289: 49–55.

Yrigollen, C.M., Han, S.S., Kochetkova, A., Babitz, T., Chang, J.T., Volkmar, F.R., et al., 2007. Genes Controlling Affiliative Behavior as Candidate Genes for Autism.

Zablotsky, B., Black, L.I., Maenner, M.J., Schieve, L.A., Blumberg, S.J., 2015. Estimated prevalence of autism and other developmental disabilities following questionnaire changes in the 2014 National Health Interview Survey.

Zai, C.C., Muir, K.E., Nowrouzi, B., Shaikh, S.A., Choi, E., Berall, L., et al., 2012. Possible genetic association between vasopressin receptor 1B and child aggression. *Psychiatry Res.* 200: 784–788.

Zerbo, O., Iosif, A.-M., Walker, C., Ozonoff, S., Hansen, R.L., Hertz-Picciotto, I., 2013. Is maternal influenza or fever during pregnancy associated with autism or developmental delays? Results from the CHARGE (CHildhood Autism Risks from Genetics and Environment) study. *J. Autism Dev. Disord.* 43: 25–33.

Zhou, S., Rosenthal, D.G., Sherman, S., Zelikoff, J., Gordon, T., Weitzman, M., 2014. Physical, behavioral, and cognitive effects of prenatal tobacco and postnatal secondhand smoke exposure. *Curr. Probl. Pediatr. Adolesc. Health Care* 44: 219–241.

Zink, C.F., Meyer-Lindenberg, A., 2012. Human neuroimaging of oxytocin and vasopressin in social cognition. *Horm. Behav.* 61: 400–409.