

## DAFTAR PUSTAKA

### Buku

- Ali, A., 2009, *Menguak Teori Hukum (Legal Theory) dan Teori Peradilan (Judicialprudence)*, Jakarta: Prenadamedia Group.
- Ali A., dan Heryani, W., 2012, *Sosiologi Hukum: Kajian Empiris Terhadap Pengadilan*, Jakarta: Kencana Prenada Media Group.
- Atmasasmita, R., 2012, *Teori Hukum Integratif*, Yogyakarta: Genta Publishing.
- Bains, W., 1998, *Biotechnology from A to Z: 2nd edition*, Oxford: Oxford University Press.
- Balitbang Pertanian, 2015, *Inovasi Hortikultura Pengungkit Peningkatan Pendapatan Rakyat*, Jakarta: IAARD Press.
- Beder, S., 2006, *Environmental Law Principles and Policies: an Interdisciplinary Approach*, Sydney: UNSW Press Ltd.
- Birnie, P., dan Boyle, A., 1995, *Basic Documents on International Law and the Environment*, Oxford: Clarendon Press.
- Birnie, P., Boyle, A., dan Redgwell, C., 2009, *International Law & the Environment: Third Edition*. New York: Oxford University Press.
- BIO-Biotechnology Industry Organization, 2010, *Healing, Fueling, Feeding: How Biotechnology Is Enriching Your Life*, US: Washington, available at: [www.ValueofBiotech.com](http://www.ValueofBiotech.com).
- Boersema, J.J., dan Reijnders, L. (eds.), 2009, *Principles of Environmental Sciences*, Netherlands: Springer
- Borém, A., Santos, F.R., and Bowen, D.E., 2003, *Understanding Biotechnology*, US: Prentice Hall-Pearson Education Inc.
- Budhijanto, D., 2014, *Teori Hukum Konvergensi*, Bandung: PT. Refika Aditama
- Bull, A.T., Holt, G., dan Lilly, M.D., 1982, *Biotechnology: International Trends and Perspectives*, Paris: OECD.
- Byrd, D.M., and Cothorn, R., 2000, *Introduction to Risk Analysis. A Systematic Approach to Science-Based Decision Making*. US: Government Institutes.
- Chirico, F., dan Larouce, P. (eds.), 2013, *National Legal System and Globalization*, The Hague: Asser Press.
- Cohen, S.N., 2009, *Science, Biotechnology, and Recombinant DNA: A Personal History*, US: The Regents of the University of California.
- Collins, W., 2012, *Collins English Dictionary - Complete & Unabridged 2012 Digital Edition*, US: William Collins Sons & Co. Ltd.
- Committee on Environmental Impacts Associated with Commercialization of Transgenic Plants, 2002, *Environmental Effects of Transgenic Plant*, Washington DC: National Academy Press.
- Committee on GEC, 2016, *Genetically Engineered Crops: Experiences and Prospects*, Washington: The National Academies Press.
- Creswell, J.W., 2007, *Qualitative Inquiry and Research Design: Choosing Among Five Approaches – Second Edition*, US: Sage Publications Inc.
- , 2009. *Research Design: Qualitative, Quantitative, and Mixed Method Approaches – Third Edition*, US: SAGE Publication Inc.
- Dewan Ketahanan Pangan, 2012, *Kebijakan Umum Ketahanan Pangan*, Jakarta: DKP, Departemen Pertanian RI, dan World Food Programme.

- Dicey, A.V., 1915, *Introduction to the Study of the Law of Constitution: 8th Edition*, London: MacMillan.
- Dubos, R., 1976, *Louis Pasteur: Freelance of Science*, New York: Scribner.
- European Commission, 2000, *Communication from the Commission on the Precautionary Principle*, Belgium: EC Publication.
- European Environment Agency, 2002, *Late Lessons from Early Warnings: The Precautionary Principle 1896–2000*, Denmark: EEA Publication.
- Eisen, J., 1999, *Surpressed Invention and Other Discoveries*, US: Perigee Trade.
- FAO, 2009, *Codex Alimentarius Foods Derived from Modern Biotechnology: Second edition*, Rome: FAO.
- FAO, IFAD, Unicef, WFP, dan WHO, 2017, *The State of Food Insecurity and Nutrition in the World: Building Resilience for Peace and Food Security*, Rome: FAO.
- Frank, J., 1931, *Law and the Modern Mind*, US: Transaction Publisher.
- Friedman, L.M., 1975, *the Legal System: a Social Science Perspective*, alih bahasa oleh M. Khozim, 2013, *Sistem Hukum: Perspektif Ilmu Sosial*, Bandung: Penerbit Nusa Media.
- Fukuyama, F., 1992, *The End of History and the Last Man*, US: Penguin Publisher
- Galton, F., 1869, *Hereditary Genius: an Inquiry Into Its Laws and Consequences*, London: MacMillan & Co.
- , 1886, *Inquiries into Human Faculty and Its Development*, London: MacMillan & Co.
- Garner, B.A. (ed.), 2009, *Black's Law Dictionary: Eight Edition*, US: Thomson Reuters
- Gerpacio, R.V. and Aquino, A.P. (eds.), 2014, *Socioeconomic Impacts of Bt Eggplant: Ex-ante Case Studies in the Philippines*, Los Banos: ISAAA and SEARCA.
- Grace, E.S., 2006, *Biotechnology Unzipped: Promises and Realities*, Washington DC: Joseph Henry Press.
- Grand View Research, 2017, *Recombinant DNA Technology Market Analysis By Product (Therapeutic Agent, Vaccine, Biotech Crops, Specialty Chemicals), By Component, By Application, By End-use, And Segment Forecasts, 2014 – 2025*, US: Grand View Research Inc.
- Gray, J.C., 1909, *the Nature and Sources of the Law*, New York: the Columbia University Press.
- Habermas, J., 2003, *The Future of Human Nature*, Cambridge: Polity Press.
- Hacket, G.T., 1994. *Space Debris and the Corpus Iuris Spatialis*. US: Frontieres.
- Hamzah, A., 1986, *Kamus Hukum*, Jakarta: Ghalia Indonesia.
- Hardjasoemantri, K., 2005, *Hukum Tata Lingkungan: Cetakan Ketujuhbelas*, Yogyakarta: Gadjah Mada University Press.
- Hart, H.L.A, 1997. *The Concept of Law*, New York: Clarendon Press-Oxford, alih bahasa oleh M. Khozim. 2009, *Konsep Hukum*, Bandung: Penerbit Nusamedia
- HIVOS, 2002, *The World as a Testing Ground Risks of Genetic Engineering in Agriculture*, Diterjemahkan oleh I. Rohauli. 2005, *Bumi Kita Menjadi Ladang Uji Coba*, Jakarta: Konphalindo.
- Holmes Jr., O.W., 1881, *the Common of Law*, reprinted in 2000, US: Project Guttenberg.
- Horng, D.C., 2011, *International Law on Biotechnology*, US: Encyclopedia of Life Support System.
- Hunter-Cevera, J.C., and Belt, A. (eds.), 1996, *Maintaining Cultures for Biotechnology and Industry*, San Diego: Academic Press.
- Insist, 2008, *Politik Pangan: Perlu Perubahan Paradigma*, Yogyakarta: Penerbit INSIST.
- ISAAA, 2016, *Global Status of Commercialized Biotech/GM Crops: 2016*, ISAAA Brief No. 52, Ithaca, NY: ISAAA.

- ISAAA, 2017, *Global Status of Commercialized Biotech/GM Crops: 2017*, ISAAA Brief No. 53, Ithaca, NY: ISAAA.
- Istanto, F.S., 2007, *Penelitian Hukum*, Yogyakarta: CV Ganda.
- Jacobson, A.J., dan Schlink, B., 2000, *Weimar: a Jurisprudence of Crisis*, Berkeley: University of California Press, <http://ark.cdlib.org/ark:/13030/kt209nc4v2/>
- Jhamtani, H., 2005, *WTO dan Penajajaran Kembali Dunia Ketiga*. Yogyakarta: Insist Press.
- Jarrold, W., 1999, *Globalization and the Harmonization of Law*, US: Bloomsbury Academic.
- Kates, R.W., 1978, *Risk Assessment of Environmental Hazard*, New York: John Wiley & Sons.
- Koerniatmanto, S., 2016, *Hukum Agribisnis dan Agroindustri*, Bandung: Unpar Press.
- Kotler, P., Wong, V., Saunders, J., dan Armstrong, G., 2005, *Principles of Marketing: Fourth European Edition*, UK: Pearson Education Limited
- Krisnawati, A., dan Saleh, G., 2009, *Perlindungan Hukum Varietas Baru Tanaman Dalam Perspektif Hak Paten dan Hak Pemulia*, Jakarta: Penerbit Grasindo
- Kreysa, G., and Marquardt, R., 2005, *European Community: Biotechnology in 2020*, Germany: Dechema.
- Kuhn, T.S., 1970, *the Structure of Scientific Revolutions: Second Edition Enlarged*, US: the University of Chicago Press.
- Kusuma, M., 2009, *Menyelami Semangat Hukum Progresif, Terapi Paradigma Bagi Lemahnya Hukum Indonesia*, Yogyakarta: AntonyLib.
- Kusumaatmadja, M., 2002, *Konsep-konsep Hukum dalam Pembangunan: Kumpulan Karya Tulis*, Bandung: Penerbit Alumni.
- Lerner, K.L., and Lerner, B. W. (eds.), 2007, *Biotechnology: Changing Life Through Science Vol 1. Medicine*, US: Thomson Gale.
- , 2007, *Biotechnology: Changing Life Through Science Vol 3. Industry*, US: Thomson Gale.
- Liang, G.H., dan Skinner, D.Z. (eds.), 2004, *Genetically Modified Crops: Their Development, Uses, and Risks*, US: The Haworth Press, Inc.
- Lindsey, T., 2002, *Hak Kekayaan Intelektual: Suatu Pengantar*, Bandung: Penerbit Alumni.
- Lindsey, T., Damian, E., Butt, S., Utomo, T.S. (eds.), 2013, *Hak Kekayaan Intelektual: Suatu Pengantar*, Bandung: Penerbit Alumni.
- Llewellyn, K.N., 2011, *Jurisprudence: Realism in Theory and Practice: Revised Edition*, US: Transaction Publisher.
- Magnis-Suseno, F., 2016, *Etika Politik: Prinsip-prinsip Moral Dasar Kenegaraan Modern, Cetakan Kedelapan*, Jakarta: PT. Gramedia Pustaka Utama
- McDougal, M.S., dan Lasswell, H.D., 1992, *Jurisprudence for a Free Society: Studies in Law, Science and Policy, Volume I: Law, Science, and Policy*, US: Kluwer Academic Publishers.
- Mertokusumo, S., 2006, *Penemuan Hukum Sebuah Pengantar*, Yogyakarta: Liberty.
- Mertokusumo, S., 2010, *Mengenal Hukum Suatu Pengantar, edisi revisi*, Yogyakarta: Cahaya Atma Pustaka.
- Mgbeoji, I., 2014, *Global Biopiracy: Patents, Plants, and Indigenous Knowledge*, Canada: UBC Press.
- Nair, A.J., 2008, *Introduction to Biotechnology and Genetic Engineering*, Massachusset: Infinity Science Press LLC.
- National Academy of Sciences, 2001, *A Convergence of Science of Law: a Summary Report of the First Meeting of the Science, Technology, and Law Panel*, Washington: National Academy Press.
- National Institute of Health, 2016, *NIH Guidelines for Research Involving Recombinant or Synthetic Nucleic Acid Molecules – Version April 2016*. US: NIH Publication.

- National Research Council, 2002, *Environmental Effects of Transgenic Plants: The Scope and Adequacy of Regulation*, US: National Academy Press
- Newell-McGloughlin, M., dan Re, E., 2007, *The Evolution of Biotechnology: From Natufians to Nanotechnology*, Netherlands: Springer Science & Business Media.
- Newell-McGloughlin, M., Chassy, B., dan Conko, G., 2013, *Food and You: A Guide to Modern Agricultural Biotechnology*, US: American Council on Science and Health
- Newton, D.E., 2009, *DNA Technology: A Reference Handbook*, US: ABC-CLIO, ISBN: 9781598843293.
- Nielsen, K. M., and Myhr, A. I., 2007 *Understanding the Uncertainties Arising from Technological Inventions in Complex Biological Systems: The Case of GMOs*, Norway: Tapir Academic Press.
- Ong, B. (ed.), 2004, *Intellectual Property and Biological Resources*, Singapore: Marshall Cavendish Academic.
- Oxford Dictionaries, 2011, *Concise Oxford English Dictionary: 12<sup>th</sup> Revised Edition*, UK: Oxford University Press.
- Parsons, W., 2005, *Public Policy: an Introduction to the Theory and Practice of Policy Analysis*, UK: Edward Elgar Publishing.
- Persley, G.J., and MacIntyre, L.R. (eds.), 2002, *Agricultural Biotechnology: Country Case Studies: A Decade of Development - Biotechnology in Agriculture Series 25*, Wallingford, UK: CABI.
- PRB, 2017, *2017 World Population Data Sheet*, Washington: Population Reference Bureau.
- Prodjodikoro, W., 2000, *Perbuatan Melanggar Hukum Dipandang dari Sudut Hukum Perdata*, Bandung: Mandar Maju.
- Purwaningsih, E., 2005, *Perkembangan Hukum Intellectual Property Rights: Kajian Hukum Terhadap Hak Atas Kekayaan Intelektual dan Kajian Komparatif Hukum Paten*, Jakarta: PT. Ghalia.
- Puslitbang TP, 2016, *Deskripsi Varietas Unggul Tanaman Pangan 2010-2016*, Bogor: Puslitbang Tanaman Pangan.
- Rahardjo, S., 2006, *Membedah Teori Hukum Progresif*, Jakarta: Penerbit Kompas.
- Rahardjo, S., 2014, *Ilmu Hukum: Cetakan ke-8*, Bandung: PT. Citra Aditya Bhakti.
- Reece, J.B., Urry, L.A., Cain, M.L., Wasserman, S.A., Minorsky, P.V., dan Jackson, R.B., 2014, *Campbell Biology: Tenth Edition*, US: Pearson Education Inc.
- Saidin, O.K., 2003, *Aspek Hukum Hak Kekayaan Intelektual (Intellectual Property Rights)*, Jakarta: Raja Grafindo Persada.
- Sands, P., 2003, *Principle of International Environmental Law: Second Edition*, Cambridge UK: Cambridge University Press.
- Sasson, A., 2005, *Industrial and Environmental Biotechnology: Achievements, Prospects and Perceptions*, US: UNU-UAS Report.
- Schwab, K. (ed.), 2017, *Insight Report: the Global Competitiveness Report 2017-2018*, Geneva: World Economic Forum.
- Sekolah Pascasarjana UGM, 2012, *Petunjuk Penulisan Usulan Penelitian dan Disertasi*, Yogyakarta: SPS UGM.
- Serageldin, I., and Persley, G.J. (eds.), 2003, *Biotechnology and Sustainable Development: Voices of the South and North - Biotechnology in Agriculture Series 26*, Wallingford, UK: CABI.
- Shiva, V., Barker, D., dan Lockhart, C. (eds.), 2010, *The GMO Emperor Has No Clothes: A Global Citizens Report on the State of GMOs – Synthesis Report*, New Delhi: Navdanya; 2010.
- Soekanto, S., 1985, *Pengantar Penelitian Hukum*, Jakarta: Penerbit UI Press.
- Spielman, B.J, 2007, *Bioethics in Law*, New Jersey: Humana Press.



- Third World Network. 2012, *Liability and Redress for Damage Resulting from GMO: the Negotiations Under the Cartagena Protocol on Biosafety*, Penang: TWN.
- Timmer, P., 2008, *A World Without Agriculture: the Structural Transformation in Historical Perspective*, Washington: the AEI Press.
- Traavik, T., and Lim, L.C. (eds.), 2007, *Biosafety First: Holistic Approaches to Risk and Uncertainty in Genetic Engineering and Genetically Modified Organisms*, Norway: Tapir Academic Press.
- Twinning, W., 2000, *Globalisation and Legal Theory*, UK: Cambridge University Press.
- UNESCO, 2005, *The Precautionary Principle*. France: UNESCO Communication Center.
- UNCTAD-ICTSD, 2005, *Resource Book on TRIPS and Development*, US: Cambridge University Press.
- Utomo, F., 2013, *Bersemi dalam Tekanan Global: Kriminalisasi Petani, Inisiatif Benih Loakl, dan Uji Materi UU No. 12/1992 tentang Sistem Budidaya Tanaman*, Jakarta: Yayasan FIELD.
- Vandamme, E.J. (ed.), 2012, *Biotechnology of Vitamins, Pigments, and Growth Factors*, US: Springer Science & Business Media.
- VIB, 2015, *Fact Series: Effect of Genetically Modified Crops on the Environment*, Belgium: VIB Publication.
- Wahyu, dan Setiawan, I., 2017, *BUMN Pangan*, Jakarta: Penerbit Swadaya.
- Wattimena, G.A, Nurhajati, A.M, Wiendi, N.M.A, Purwito, A, Efendi, D, Purwoko, B.S, dan Khumaida, N, 2011, *Bioteknologi dalam Pemuliaan Tanaman*, Bogor: IPB Press.
- Weiss, E.B. (ed.), 1992, *Environmental Change and International Law: New Challenges and Dimensions*, Tokyo: United Nations University Press. Akses terbuka pada <http://archive.unu.edu/unupress/unupbooks/uu25ee/uu25ee00.htm#Contents>
- Whyte, A.V., dan Burton, I. (ed.), 1980, *Environmental Risk Assessment*, New York: John Wiley & Sons.
- Wibisana, A.G., 2017, *Penegakan Hukum Lingkungan Melalui Pertanggungjawaban Perdata*, Depok: Badan Penerbit FHUI.
- Widayanti, H., dan Krishnayanti, I. (eds.), 2003, *Bioteknologi: Imperialisme Modal dan Kejahatan Globalisasi*, Yogyakarta: Insist Press.
- Yuwono, T., 2005, *Biologi Molekular*, Jakarta: Penerbit Erlangga.
- Zarrilli, S., 2005, *International Trade in GMOs and GM Products: National And Multilateral Legal Frameworks*, Policy Issues In International Trade And Commodities Study Series No. 29, New York: UNCTAD.

## **Bab atau Artikel dalam Buku**

- Agar, N., Lodge, D.M., McKenny, G.P., dan Wolfenbarger, L.R., 2008, Biodiversity and Biotechnology, dalam *Altering Nature*, B.A. Lustig et.al. (eds.), Netherlands: Springer Science.
- Ahteensuu, M., 2008, The Precautionary Principle and the Risks of Modern Agri-Biotechnology, dalam *Genetic Democracy*, V. Launis, dan J. Räikkä (eds.), Netherlands: Springer Science.
- Astuti, M, 1996, Sejarah dan Perkembangan Tempe, Bab I dalam *Bunga Rampai Tempe Indonesia*, Sapan dan Soetrisno, N. (eds.), Jakarta: Yayasan Tempe Indonesia.
- Bedner, A., Suatu Pendekatan Elementer Terhadap Negara Hukum, dalam *Satjipto Rahardjo dan Hukum Progresif: Urgensi dan Kritik*, M.A. Safitri, A. Marwan, Y. Arizona (eds.), Jakarta: Epistema Institute-HUMA.
- Boettiger, S., dan Karel S., 2007, Agricultural Biotechnology and Developing Countries: The Public Intellectual Property Resource for Agriculture (PIPRA) dalam *Biodiversity*

- and the Law: Intellectual Property, Biotechnology and Traditional Knowledge*, C.R. McManis (ed.), U.K: Earthscan Publisher.
- Demain, A.L., 2010, History of Industrial Biotechnology, chapter 1 dalam *Industrial Biotechnology: Sustainable Growth and Economic Success*, Soetaert, W., dan Vandamme, E.J. (eds.), Berlin: Verlag GmbH & Co. KgaA.
- Dong-Hwa, S., Young-Myoung, K., Wan-Soo, P., dan Jae-Ho, K., 2016, Ethnic Fermented Foods and Beverages of Korea, dalam *Ethnic Fermented Foods and Alcoholic Beverages of Asia*, Tamang J.P. (ed.), India: Springer, DOI: 10.1007/978-81-322-2800-4\_11.
- Fredrickson, D.R., 1991, Asilomar and Recombinant DNA: the End of the Beginning, dalam *Biomedical Politic*, K.E. Hana (ed.), Washington: National Academy Press.
- Hariyadi, P and Dewanti-Hariyadi, R. 2003. The Need of Communicating Food Safety In Indonesia, dalam *Food Quality: A Challenge For North and South*, IAAS Belgium, Gent: IAAS Belgium.
- Macer, D.R.J, 1995, Biotechnology and Bioethics: What is Ethical Biotechnology?, dalam *Modern Biotechnology: Legal, Economic and Social Dimensions*, Biotechnology, Brauer, D.(ed.), Volume 12, Weinheim, Germany: VCH.
- Myers, R.P., 1964, Antibiotic Residues in Milk, dalam *Residue Reviews/Rückstands-Berichte: Reviews of Environmental Contamination and Toxicology*, Gunther F.A., (ed.) Vol 7, New York: Springer.
- Ozer, B., 2014, Microbiology and Biochemistry of Yogurt and Other Fermented Milk Products, dalam *Dairy Microbiology and Biochemistry: Recent Developments*, Ozer, B., dan Akdemir-Evrendilek, G. (eds.), US: CRC Press.
- St. Amand, P., Risks Associated with Genetically Engineered Corps, Chapter 14 dalam *Genetically Modified Crops: Their Development, Uses, and Risks*, G.H. Liang, D.Z. Skinner (eds.), US: The Haworth Press, Inc.
- Von Schomberg, R. 2006, The Precautionary Principle and its Normative Challenges, dalam *Implementing the Precautionary Principle: Perspectives and Prospects*, E. Fisher, et.al. (eds.), UK: Cheltenham.
- Vicunna, F.O., 1992. State Responsibility, Liability and Remedial Measures under International Law, dalam *Environmental Change and International Law: New Challenges and Dimensions*, E.B Weiss (ed.), Tokyo: United Nations University.
- Wickson, F., Gillund, F., dan Myhr, A.I., 2010, Treating Nanoparticles with Precaution: The Importance of Recognising Qualitative Uncertainty in Scientific Risk Assessment, dalam *Nano Meets Macro, Social Perspectives on Nanoscience and Nanotechnology*, K. Kjølberg, dan F. Wickson (eds.), US: Pan Stanford Publishing.
- Yves Bertheau, 2016, Feeding the World: Are Biotechnologies the Solution?, dalam *Advances in Food Biotechnology: First Edition*, Ravishankar Rai V (ed.), US: John Wiley & Sons.
- Zamanek, K., 1991, State Responsibility and Liability, dalam *Environmental Protection and International Law*, W. Lang, H. Neuhold dan K. Zamanek (eds.), UK: Graham& Trotman Limited.

## Artikel Jurnal

- Allen, P., Van Dusen, D., Lundy, J., and Gliessmann, S., 1991, Integrating Social, Environmental, and Economic Issues in Sustainable Agriculture, *American Journal of Alternative Agriculture*, 6 (1), 1991, pp. 34-39.
- Allison, J.R.D., 1985, Antibiotic Residues in Milk, *British Veterinary Journal* Volume 141, Issue 1, January–February 1985, pp. 9-16.

- Anderson, D.P., Whitney, D.S., Hanson-Smith, V., Woznica, A., Campodonico-Burnett, W., Volkman, B.F., King, N., Thornton, J.W., dan Prehoda, K., 2016, Evolution of an Ancient Protein Function Involved in Organized Multicellularity in Animals, *Elife*, 2016 Jan 7;5:e10147. doi: 10.7554/eLife.10147.
- Andow, D.A., and Zwahlen, C., 2006, Assessing Environmental Risks of Transgenic Plants, *Ecological Letters*, Vol. 9, pp. 196–214.
- Anonim, Khazanah, *Padjajaran Jurnal Ilmu Hukum* (2014), Vol 1, No. 3 pp. 626-642.
- Astbury, W.T., dan Bell, F.O., 1938, X-ray Studies of Thymonucleic Acid, 141 *Nature* 747 (1938).
- Atmasasmita, R, 2012, Memahami Teori Hukum Integratif, *Legalitas*, Vol III No. 1 Desember 2012.
- Barber, N.W., 2003, The Rechtsstaat and the Rule of Law, a Review to Weimar: A Jurisprudence of Crisis by A. Jacobson and B. Schlink, *The University of Toronto Law Journal*, Vol. 53, No. 4 (Autumn, 2003), pp. 443-454.
- Barton, K.A, dan Brill, W.J., Prospects in Plant Genetic Engineering, *Science*, 1983 Feb 11; 219 (4585): 671-82.
- Bawa, A.S., dan Anilakumar, K.R., 2013, Genetically Modified Foods: Safety, Risks and Public Concerns – a Review, *J Food Sci Technol* (November–December 2013) 50 (6): 1035–1046, DOI 10.1007/s13197-012-0899-1.
- Beebe, L., 2004, In re StarLink Corn: The Link Between Genetically Damaged Crops and an Inadequate Regulatory Framework for Biotechnology, 28 *Wm. & Mary Envtl. L. & Pol'y Rev.* 511 (2004).
- Berg, P., Baltimore, D., Brenner, S., Roblin III, R.O., dan Singer, M.F., 1975, Summary Statement of the Asilomar Conference on Recombinant DNA Molecules. *Proc. Natl. Acad. Sci.* Vol. 72, No. 6 (June 1975), pp. 1981-1984.
- Berg, P., dan Singer, M.F., 1995, The Recombinant DNA Controversy: Twenty Years Later. *Proc. Natl. Acad. Sci.* Vol 92 (Sept. 1995), pp. 9011-9013.
- Birmingham, D., Gruyere's Cheese-makers, *History Today*, February, 1991, pp. 21-26.
- Bodansky, D., 1991, Scientific Uncertainty and the Precautionary Principle, 33 *Environment* 4 (Sept. 1991).
- Bud, R., 1989, History of Biotechnology, *Nature* (London), 387: 10.
- Carlson, R., 2016, Estimating the Biotech Sector's Contribution to the US Economy, *Nature Biotechnology* 34, 247–255 (2016), doi:10.1038/nbt.3491.
- Chilcutt, C.F., dan Tabashnik, B.E., 2004, Contamination of Refuges by *Bacillus thuringiensis* Toxin Genes from Transgenic Maize, *Proc Natl Acad Sci U S A*. 2004 May 18; 101(20): 7526–7529, doi: 10.1073/pnas.0400546101.
- Chowdhury, N., and Sabhapandit, S., 2007, the Legal Regime for Application of the Precautionary Principle in India: Future Directions for the GM Regulatory Regime, *International Environment Agreements*, Vol. 7, pp. 281–300.
- Chroust, A.H., 1944, The Philosophy of Law of Gustav Radbruch, *The Philosophical Review*, Vol. 53, No. 1 (Jan., 1944), pp. 23-45, Duke University Press.
- Cohen, S.N., Chang, A.C.Y., Boyer, H.W., dan Helling, R.B., 1973, Construction of Biologically Functional Bacterial Plasmids In Vitro, *Proc.Nat. Acad. Sci. USA*, Vol. 70, No. 11, pp. 3240-3244, November 1973.
- Cohen, S.N., 1975, the Manipulation of Genes, *Scientific America*, Vol. 233 No. 1, pp. 24-33, July 1975.
- Cohen, J.S., dan Portugal, F.H., 1974, The Search for the Chemical Structure of DNA, *Connecticut Medicine* October 1974 Issue, Vol. 38, No. 10
- Cotterrel, R, 2009, Spectres of Transnationalism: Changing Terrains of Sociology of Law, *Journal of Law and Society*, Vol 36, No 4, December 2009, pp. 481-500.

- Crawford, J., Peel, J., dan Olleson, S., 2001. The ILC's Articles on Responsibility of States for Internationally Wrongful Acts: Completion of the Second Reading, *12 Eur. J. Int'l L.* 963 (2001).
- Crettez, B., Deffains, B., dan Musy, O., 2013, On the Dynamics of Legal Convergence, *Public Choice* (2013) 156:345-356, DOI 10.1007/s11127-011-9907-7.
- Cross, F., 1996, Paradoxical Perils of the Precautionary Principle, *53 Wash. & Lee L. Rev.* 851, 851 (1996).
- Daniell, H., 2002, Molecular Strategies for Gene Containment in Transgenic Crops, *Nat Biotechnol*, 2002 June, 20 (6): 581-586, doi:10.1038/nbt0602-581.
- Dimiyati, K., dan Wardiono, K., 2012, Tipologi Pemikiran Hukum: Sebuah Eksemplar Pemikiran Mochtar Kusumaatmadja, *Digest Epistema* Vol 2 (2012).
- Deblonde, M., and Du Jardin, P., 2005, Deepening a Precautionary European Policy, *Journal of Agricultural and Environmental Ethics*, Vol. 18, pp. 319-343.
- De Wert, G., dan Mummery, C., 2003, Human embryonic stem cells: research, ethics and policy, *Human Reproduction*, Volume 18, Issue 4, 1 April 2003, pp. 672-682, <https://doi.org/10.1093/humrep/deg143>.
- Doebley, J., 2004. The Genetics of Maize Evolution. *Annual Review of Genetics* 38: 37-59.
- Donnelly, S.J.M., 1975, Karl Llewellyn and the Realist Movement by William Twining; Roscoe Pound: Philosopher of Law by David Wigdor, *Hofstra Law Review* Vol 3 Issue 3 Article 16.
- Dorin, B., Hourcade, J.C., dan Benoit-Cattin, M., 2013, A World Without Farmers? The Lewis Path Revisited, *CIREN Working Papers Series* April 2013.
- Doyle, K., 2014, Bioprinting: From Patches to Parts, *Gen. Eng. Biotechnol. News.* 34 (10): 1, 34-5 (15 May 2014), doi:10.1089/gen.34.10.02.
- Dunn, L.C., 1927, The Theory of the Gene: A Review, *Journal of Heredity*, Volume 18, Issue 1, 1 January 1927, pp.22-24, <https://doi.org/10.1093/oxfordjournals.jhered.a102754>.
- Edward, W.G., 1972, From Sociological Jurisprudence to Realism: Jurisprudence and Social Change in Early Twentieth-Century America, *Virginia Law Review*, Vol. 58, No. 6 (Sep., 1972), pp. 999-1028.
- Elliot, K.C., and Dickson, M., 2012, Distinguishing Risk and Uncertainty in Risk Assessments of Emerging Technologies. *Pantaneto* Issue 48-October 2012.
- Fári, M.G. and Kralovánszky P.U., 2006, The Founding Father of Biotechnology: Károly (Karl) Ereky, *International Journal of Horticultural Science* 2006, 12 (1): 9-12 Budapest: Agroinform Publishing House.
- Fejzić, N., Begagić, M., Šerić-Haračić, S., dan Smajlović, M., 2014, Beta Lactam Antibiotics Residues in Cow's Milk: Comparison of Efficacy of Three Screening Tests Used in Bosnia and Herzegovina, *Bosn J Basic Med Sci.* 2014 Aug; 14(3): 155-159.
- Flint-Garcia, S.A., 2013. Genetics and consequences of crop domestication. *Journal of Agricultural and Food Chemistry*, 61: 8267-8276.
- Fraley, R.T., Rogers, S.G., Horsch, R.B., Sanders, P.R., Flick, J.S., Adams, S.P., Bittner, M.L., Brand, L.A., Fink, C.L., Fry, J.S., Galluppi, G.R., Goldberg, S.B., Hoffmann, N.L., dan Woo, S.C., 1983, Expression of Bacterial Genes in Plant Cells, *Proc. Natl. Acad. Sci. U.S.A.* 80 (15): 4803-07.
- Frey, C.N., 1930, History and Development of the Modern Yeast Industry, *Ind. Eng. Chem.*, 1930, 22 (11), pp 1154-1162, DOI: 10.1021/ie50251a012.
- Friedman, L.M., 1969, Legal Culture and Social Development, *Law & Society Review*, Vol. 4, No. 1 (Aug. 1969), pp. 29-44.
- Fukuyama, F., 1989, The End of History?, *The National Interest* 3 16 (Summer).



- Garcea R.L., dan Imperiale, M.J., 2003, Simian Virus 40 Infection of Humans, *Journal of Virology*, May 2003, p. 5039–5045 Vol. 77, No. 9, DOI: 10.1128/JVI.77.9.5039–5045.2003.
- Garcia, M.A., dan Altieri, M., 2005, Transgenic Crops: Implications for Biodiversity and Sustainable Agriculture, *Bulletin of Science, Technology & Society*, pp. 339.
- Gaynes, R., 2017, The Discovery of Penicillin: New Insights After More Than 75 Years of Clinical Use, *Emerging Infectious Diseases*, Vol. 23, No. 5, May 2017, DOI: <http://dx.doi.org/10.3201/eid2305.161556>.
- Glass, J.A. 2001. The Merits of Ratifying and Implementing the Cartagena Protocol Cartagena on Biosafety, *21 Nw.J.Int'l L. & Bus.* 491 (2001).
- Gollier, C., and Treich, N., 2003, Decision-Making Under Scientific Uncertainty: The Economics of the Precautionary Principle, *The Journal of Risk and Uncertainty*, Vol. 27, pp. 77–103
- Graham, J.D., and Wiener, J.B., 2008. The Precautionary Principle and Risk-Risk Tradeoffs: a Comment, *Journal of Risk Research*, Vol. 11, pp. 465–474.
- Grossman, M.R., 2002, Biotechnology, Property Rights, and the Environment, *50 Am. J. Comp. L.* 215, 223 (Fall 2002).
- Hails, R. S. 2000. Genetically modified plants - the debate continues. *Trends in Evolution and Ecology* 15 (1): 14-18
- Hart, H.L.A., 1959, Scandinavian Realism, *The Cambridge Law Journal*, Vol. 17, No. 2 (Nov., 1959), pp. 233-240.
- Harvey, W.B., 1961, The Rule of Law in Historical Perspective, *Michigan Law Review*, Vol. 59, No. 4 (Feb., 1961), pp. 487-500.
- Helling, R.B., Goodman, H.M., dan Boyer, H.W., 1974, Analysis of Endonuclease R-EcoRI Fragments of DNA from Lambdoid Bacteriophages and Other Viruses by Agarose-Gel Electrophoresis, *Journal of Virology*, American Society for Microbiology, Vol. 14, No. 5 Nov. 1974, pp.1235-1244.
- Hey, E., 1992, The Precautionary Concept in Environmental Policy and Law: Institutionalizing Caution, *4 Geo. Int'l Env'tl. L. Rev.* 303, 304 (1992)
- Holmes Jr., O.W., 1897, the Path of the Law, *10 Harvard Law Review* 457 (1897).
- , 1899, Law in Science and Science in Law, *Harvard Law Review*, Vol. 12, No. 7 (Feb. 25, 1899), pp. 443-463.
- Horsch, R.B., 1993, Commercialization of Genetically Engineered Crops, *Philosophical Transactions: Biological Sciences* Vol. 342, No. 1301 (Nov. 29, 1993).
- Irawan, C, 2017, Protection of Traditional Knowledge: A Perspective on Intellectual Property Law in Indonesia, *Journal of World Intellectual Property Right*, March 2017, Vol 20, Issue 1-2, <https://doi.org/10.1111/jwip/12073>.
- Kanongdate, K., Schmidt, M., Rene, K., and Wiegler, G., 2012, Has Implementation of the Precautionary Principle Failed to Prevent Biodiversity Loss at the National Level?, *Biodiversity and Conservation*, Vol. 21, pp. 3307–3322.
- Karlsson, M., 2006, The Precautionary Principle, Swedish Chemicals Policy and Sustainable Development, *Journal of Risk Research*, Vol. 9, pp. 337–360.
- Kevles, D.J., 1994, Ananda Chakrabarty Wins a Patent: Biotechnology, Law, and Society, *Hist Stud Phys Biol Sci.* 25: 111–35. doi:10.2307/27757736.
- Klug, A., 2004, The Discovery of the DNA Double Helix, *J. Mol. Biol.* (2004) 335, 3–26, doi:10.1016/j.jmb.2003.11.015
- Krákorová, L., 2003, No More Imbeciles: The Eugenics Movement in the United States, *Common Law Review*, 07 (4) 2003.

- Kriebel, D., Tickner, J., Epstein, P., Lemons, J., Levins, R., and Loechler, E. L., 2001, The Precautionary Principle in Environmental Science, *Environmental Health Perspectives*, Vol. 109, pp. 871–876.
- Laird, N.M., dan Lange, C., 2011, The Fundamentals of Modern Statistical Genetics, *Statistics for Biology and Health*, Springer Science+Business Media, LLC. DOI 10.1007/978-1-4419-7338-2\_2.
- Landers, T.F., Cohen, B., Wittum, T.E., dan Larson, E.L., 2012, A Review of Antibiotic Use in Food Animals: Perspective, Policy, and Potential, *Public Health Rep.* 2012 Jan-Feb; 127 (1): 4–22. doi: 10.1177/003335491212700103.
- Law, S.V., Bakar, F.A., Hashim, D.M., Hamid, A.A., 2011, Mini Review Popular Fermented Foods and Beverages in Southeast Asia, *International Food Research Journal* 18: 475-484 (2011).
- Levidow, L., 2001, Precautionary Uncertainty: Regulating GM Crops in Europe, *Social Studies of Science*, Vol. 31, pp. 842–874.
- Mather, L., 2003, Reflections on the Reach of Law (and Society) Post 9/11: An American Superhero?, *37 Law and Society Rev.* (2003) 263.
- Mayer, S., and Stirling, A., 2009, Finding a Precautinary Approach to Technological Development – Lesson for the Evaluation of GM Crops, *Journal of Agricultural and Development Ethic*, Vol. 15, pp. 57-71.
- Mayor F, 2003, The Universal Declaration on the Human Genome and Human Rights, *Comptes Rendus Biologies*, 2003 Oct-Nov, 326 (10-11): 1121-5.
- McCavitt, C.M., 2013, Eugenics and Human Rights in Canada: The Alberta Sexual Sterilization Act of 1928, *Peace and Conflict: Journal of Peace Psychology* 2013, Vol. 19, No. 4, 362–366, DOI: 10.1037/a0034604.
- McDougal, M.S., 1966, Jurisprudence for a Free Society, *Georgia Law Review* 12, Yale Law School Faculty Scholarship Series. Paper 2583.
- McEwen, S.A., Black, W.D., dan Meek, A.H., 1992, Antibiotic Residues (Bacterial Inhibitory Substances) in the Milk of Cows Treated Under Label and Extra-label Conditions, *Can Vet J.* 1992 Aug; 33 (8): 527–534.
- Milstein, C., 1980, Monoclonal Antibodies from Hybrid Myelomas: The Wellcome Foundation Lecture 1980, *Proc. R. Soc. Lond. B* 211, 393-412 (1981).
- Morange, M., 2005, What History Tells Us, *J. Biosci.* 30(3), June 2005, 313–316.
- Morris, J., 2002, The Relationships Between Risk Analysis and the Precautionary Principle, *Toxicology*, Vol. 181, pp. 127–140.
- Mulgan, R., 2000, Accountability: An Ever-Expanding Concept?, *Journal of Public Administration* 78 (3): 555–573.
- Mullis, K.B., 1990, The Unusual Origin of the Polymerase Chain Reaction, *Scientific American*, April 1990: 56 – 65.
- Myhr, A.I., and Traavik, T., 2002, The Precautionary Principle: Scientific Uncertainty and Omitted Research in The Context of GMO Use and Release, *Journal of Agriculture and Environmental Ethic*, Vol. 15, pp. 73-86.
- , 2003, Genetically Modified (GM) Crops: Precautionary Science and Conflicts of Interests, *Journal of Agricultural and Environmental Ethics*, Vol. 16, pp. 227-247.
- Myhr, A.I., 2010, A Precautionary Approach to Genetically Modified Organisms: Challenges and Implications for Policy and Science, *Journal of Agriculture and Environment Ethics*, Vol. 23, pp. 501–525.
- Neimark, B.D., 2012, Industrializing Nature, Knowledge, and Labour: The Political Economy of Bioprospecting in Madagascar, *Geoforum* 43: 980-990.
- Pearce, J.M.S., 2002. Louis Pasteur and Rabies: a Brief Note. *Journal of Neurology, Neurosurgery, and Psychiatry*, 73 (1), 82. <http://doi.org/10.1136/jnnp.73.1.82>.

- Pearl, S., 2014, Savigny's Theory of Choice-of-Law as a Principle of 'Voluntary Submission', *The University of Toronto Law Journal*, Vol. 64, No. 1 (Winter 2014), pp. 106-151.
- Perry, R., 2011, Economic Loss, Punitive Damages, and the Exxon Valdez Litigation, 45 *Georgia Law Review* 407-485 (2011).
- Peterson, K., 2006, the Corruption of Scientific Theory: Darwinism and Nazi Eugenics, *paper of the 2006 Tallman Prize Winner*, Cornell University.
- Petit, R.J., 2004, Biological Invasions at the Gene Level, *Diversity and Distributions*, (2004) 10, pp. 159-165.
- Pound, R., 1908, Mechanical Jurisprudence, *Columbia Law Review*, Vol. 8, No. 8 (Dec., 1908), pp. 605-623.
- , 1943, Sociology of Law and Sociological Jurisprudence, *The University of Toronto Law Journal*, Vol. 5, No. 1 (1943), pp. 1-20.
- Pramashinta, A., Riska, L., dan Hadiyanto, 2013, Bioteknologi Pangan: Sejarah, Manfaat, dan Potensi Risiko, *Jurnal Aplikasi Teknologi Pangan* Vol. 3, No. 1.
- Price, B., dan Cotter, J., 2014, The GM Contamination Register: a Review of Recorded Contamination Incidents Associated with Genetically Modified Organisms (GMOs), 1997-2013, *International Journal of Food Contamination* Vol 1: 5 (2014), <https://doi.org/10.1186/s40550-014-0005-8>.
- Putra, A.K., 2016, Agreement on Agriculture dalam World Trade Organization, *Jurnal Hukum dan Pembangunan* 46 No. 1 (2016): 90-105.
- Roewer, L., 2013, DNA Fingerprinting in Forensics: Past, Present, Future, *Investig Genet.* 2013; 4: 22. doi: 10.1186/2041-2223-4-22.
- Said, A.R.A., Pembagian Kewenangan Pemerintah Pusat-Pemerintah Daerah Dalam Otonomi Seluas-Luasnya Menurut UUD 1945, *Fiat Justisia Jurnal Ilmu Hukum*, Volume 9 No. 4, Oktober – Desember 2015. hal. 577-602.
- Saigo, H., 2000, Agricultural Biotechnology and the Negotiation of the Biosafety Protocol, *Georgetown International Environmental Law Review*, Spring 2000 Vol. 12 No. 3, ABI/INFORM Global, pp. 779-815.
- Sandin, P., 1999, Dimensions of the Precautionary Principle, *Human and Ecological Risk Assessment*, 5 (5), 889-907.
- Sandin, P., 2002, The Precautionary Principle: From Theory to Practice, *Theses in Philosophy* from the Institute of Technology 2, Stockholm, ISBN 91-7283-325-4.
- Sandin, P., 2004, The Precautionary Principle and the Concept of Precaution, *Environmental Values*, Vol. 13, pp. 461-475.
- Santoso, W.Y., Putri, K.D.N., Susanti, L., Ningsih, T.W., 2016, The Potential for Unfair Competition in the Development of Food Biotechnology Industry in Indonesia, *European Food & Feed Law Review* 11 (1) January 2016.
- Santoso, W.Y., 2016a, Bridging the Implementation of Nagoya - Kualalumpur Supplementary Protocol on Liability and Redress in Indonesia, *Indonesian Law Review* 6 (1) June 2016.
- Santoso, W.Y., 2016b, Significance of Preventive Expenditures Valuation for Genetic Resources Bioprospecting in Indonesia, *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan IPB* Vol 6 No. 1 June 2016.
- Santoso, W.Y., 2016c, Patent on Nanotechnology in Indonesia and Its Legal Challenges, *Jurnal Mimbar Hukum* Vol 28 No. 2, October 2016. DOI: 10.22146/jmh.16733
- Santoso, W.Y., Sunarto, Martono, E., Supriyono, H., 2017a, Signifikansi Pendekatan Kehati-hatian Dalam Pengaturan Organisme Transgenik di Indonesia, *Jurnal Hukum Lingkungan Indonesia ICEL* Vol. 4 No. 1 December 2017.
- Santoso, W.Y., Sunarto, Martono, E., Supriyono, H., 2017b, Legal Frame of Transgenic Foods in Indonesia, *European Food and Feed Law Review* 12 (6) December 2017.

- Santoso, W.Y., Sunarto, Martono, E., Supriyono, H., 2017c, Designing the Implementation of Liability and Redress for Biosafety in Indonesia, *European Food and Feed Law Review* 13 (2) April 2018.
- Saunders, P.T., 2000, Use and Abuse of Precautionary Approach, Article on the ISIS submission to *US Advisory Committee on International Economic Policy* (ACIEP). Biotech Working Group, 13 July 2000.
- Schnier, D.J., 2000, Genetically Modified Organism and the Cartagena Protocol, *Fordham Environmental Law Review*, Vol12, No. 2, article 3 (2000), pp. 377-410.
- Seymour, E.H., Jones, G.M., dan McGilliard, M.L., 1988, Persistence of Residues in Milk Following Antibiotic Treatment of Dairy Cattle. *J Dairy Sci*, 1988 Aug; 71 (8): 2292-6.
- Shapiro, F.R., 2000, The Most-Cited Legal Scholars, *Journal of Legal Studies*. 29 (1): 409–26. doi:10.1086/468080.
- Somowiyarjo, S., Sako, N., dan Nonaka, F., 1988, The Use of Monoclonal Antibody for Detecting Zucchini Yellow Mosaic Virus, *Ann. Phytopath. Soc. Japan* 54: 436-443 (1988), 日植病報 54: 436-443 (1988).
- Somowiyarjo, S., Haryanto, H., dan Wening, S., 2000, Pemanfaatan Antibodi Monoklonal dalam Immunoassay untuk Deteksi Baculovirus oryctes, *Jurnal Perlindungan Tanaman Indonesia*, Vol 6 No. 2 (2000), 82-90, <https://doi.org/10.22146/jpti.12384>.
- Stevens, M., 2002, the Precautionary Principle in the International Law, *Sustainable Development Law and Policy*, Vol. 2 Issue 2 Article 7, pp.13-15.
- Stirling, A., 2007, Risk, Precaution and Science: Towards a More Constructive Policy Debate. *EMBO Reports*, Vol. 8, pp. 309–315.
- , 2008, Science, Precaution and the Politics of Technological Risk, *Annals of New York Academy of Sciences*, Vol. 1128, pp. 95–110.
- Swanson, T., 2000, Genetic Use Restriction Technologies (GURTs): Impacts on Developing Countries, *Int. J. Biotechnology*, Vol. 2, Nos. 1/2/3, 2000.
- Ter Schegget, G.H., 2002, Playing God? Critical Consideration of Biotechnology, *Tijdschr Diergeneeskde*. 2002 May 1; 127 (9): 289-94.
- Thomas G., dan De Tavernier, J., 2017, Farmer-suicide in India: Debating the Role of Biotechnology, *Life Sciences, Society and Policy* (2017), 13:8, DOI 10.1186/s40504-017-0052-z.
- VanderZwaag, D.L., 1998, The Precautionary Principle in Environmental Law and Policy: Elusive Rhetoric and First Embraces, *J. Evntl.L. & Prac.* 8 (1998) 355.
- Vardas, G., and Xepapadea, A., 2009, Model Uncertainty, Ambiguity and the Precautionary Principle: Implications for Biodiversity Management, *Environment Resource Economy*, Vol. 45, pp. 379-404.
- Watson, J.D., dan Crick, F.H.C., A Structure for DNA. *Nature*, 1953; 171 (28).
- Watson, J.D., 1997, Gene and Politics, *J Mol Med* (1997) 75:624–636, Springer Verlag.
- Weiss, C., 2007, Defining Precaution, *Environment*, Vol. 49, pp. 36–39.
- Westerlund, J.F., dan Fairbanks, D.J., 2010, Gregor Mendel's Classic Paper and the Nature of Science in Genetics Courses, *Hereditas* 147: 293–303 (2010).
- Wilson, G.G., Wang, H., Heiter, D.F., dan Lunnen, K.D., 2012, Restriction Enzymes in Microbiology, Biotechnology and Biochemistry, *Encuentro* No. 93, 19-48, 2012.
- Wright, S., 1986, Molecular Biology or Molecular Politics? The Production of Scientific Consensus on the Hazards of Recombinant DNA Technology, *Social Studies of Science*, London: SAGE Vol. 16 (1986), pp. 593-620.
- Zaid, A., Hughes, H.G., Porceddu, E., dan Nicholas, F., 2001, Glossary of Biotechnology for Food and Agriculture - A Revised and Augmented Edition of the Glossary of



- Biotechnology and Genetic Engineering, *FAO Research and Technology Paper*, Rome: FAO, <http://www.fao.org/docrep/004/Y2775E/y2775e08.htm#bm08>
- Zadoks J.C., dan Waibeu, H., 2000, From Pesticides to Genetically Modified Plants: History, Economics and Politics, *Netherlands Journal of Agricultural Science* 48 (2000) 125-149.
- Verma A.S, Agrahari, S., Rastogi, S., and Singh, A., 2011, "Biotechnology in the Realm of History", *J Pharm Bioallied Sci.* Jul-Sep 2011, 3 (3), hal. 321–323. doi: 10.4103/0975-7406.84430.

## Artikel Jurnal Elektronik

- Carreres, B.M., de Jaeger, L., Springer, J., Barbosa, M.J., Breuer, G., van den End, E. J., Kleinegriss, D.M.M., Schäffers, I., Wolbert, E.J.H., Zhang, H., Lamers, P.P., Draaisma, R.B., Martins dos Santos, V.A.P., Wijffels, R.H., Eggink, G., Schaap, P.J., dan Martens, D.E., 2017, Draft Genome Sequence of the Oleaginous Green Alga *Tetrademus obliquus* UTEX 393, *Genome Announc.* 2017 Jan; 5(3): e01449-16. Published online 2017 Jan 19. doi: 10.1128/genomeA.01449-16
- Chowdhury, S., Hassan, M.M., Alam, M., Sattar, S., Bari, M.S., Saifuddin, A.K.M., dan Hoque, M.A., 1992, Antibiotic Residues in Milk and Eggs of Commercial and Local Farms at Chittagong, Bangladesh, *Vet World.* 2015 Apr; 8(4): 467–471. Published online 2015 Apr 10. doi: 10.14202/vetworld.2015.467-471
- Conway, G, 2000, Genetically modified crops: risks and promise. *Conservation Ecology* 4 (1): 2. [online] dapat diunduh di: <<http://www.consecol.org/vol4/iss1/art2>>.
- De Melo-Martin, I., and Meghani, Z., 2008. Beyond Risk. *EMBO Reports*, 9, 302–308. dapat diunduh di: <<http://www.ncbi.nlm.nih.gov/pmc/journals/118/>>
- Dogbevi, K., 2017, *The Sui Generis System of Plant Variety Protection Under the TRIPS Agreement: An Empty Promise for Developing Countries*, (April 1, 2017). dapat diunduh di: SSRN <<http://dx.doi.org/10.2139/ssrn.2961801>>
- Fari, M.G., Bud, R., and Kralovanszky, P.U., 2001, *Karoly Ereky Urged the Land Reform Based on Biotechnology - Some Realizations in the 20th Century*, dapat diunduh di: <[http://www.redbio.org/portal/encuentros/enc\\_2001/conferencias/C-23%20OPcodin,%20en%20conferencias/C-23.pdf](http://www.redbio.org/portal/encuentros/enc_2001/conferencias/C-23%20OPcodin,%20en%20conferencias/C-23.pdf)>
- Hunter, P., 2013, XNA Marks the Spot: What Can We Learn About the Origins of Life and the Treatment of Disease Through Artificial Nucleic Acids?, *EMBO Rep.* 2013 May; 14(5): 410–413. Published online 2013 Apr 12. doi: 10.1038/embor.2013.42
- Judge, L.R., 2003, Biotechnology: Highlights of the Science and Law Shaping the Industry, 20 *Santa Clara High Tech. L.J.* 79 (2003), dapat diunduh di: <http://digitalcommons.law.scu.edu/chtlj/vol20/iss1/3>
- Kirby, M., 2009, Human Rights and Bioethics: The Universal Declaration of Human Rights and UNESCO Universal Declaration of Bioethics and Human Rights, 25 *J. Contemp. Health L. & Pol'y* 309 (2009), pp. 309-331. dapat diunduh di: <http://scholarship.law.edu/jchlp/vol25/iss2/4>
- Mehrotra, A.K., 2001, Law and the "Other": Karl N. Llewellyn, Cultural Anthropology, and the Legacy of The Cheyenne Way, *Articles by Maurer Faculty* (2001), 2530. <http://www.repository.law.indiana.edu/facpub/2530>
- Moghadam, M.M., Amiri, M., Riabi, A., dan Ramezani, H., 2016, Evaluation of Antibiotic Residues in Pasteurized and Raw Milk Distributed in the South of Khorasan-e Razavi Province, Iran, *J Clin Diagn Res.* 2016 Dec; 10(12): FC31–FC35. Published online 2016 Dec 1. doi: 10.7860/JCDR/2016/21034.9034

- Oh-Young, B., Eun-Hee, K., Jae-Min, C., dan Gyeong-Joon, M., 2016, Adult Stem Cell Therapy for Stroke: Challenges and Progress, *J Stroke*. 2016 Sep; 18(3): 256–266. Published online 2016 Sep 30. doi: 10.5853/jos.2016.01263
- Olatoye, I.O., Daniel, O.F., dan Ishola, S.A., 2016, Screening of Antibiotics and Chemical Analysis of Penicillin Residue in Fresh Milk and Traditional Dairy Products in Oyo State, Nigeria, *Vet World*. 2016 Sep; 9(9): 948–954. Published online 2016 Sep 9. doi: 10.14202/vetworld.2016.948-954
- Pereira, R.V., Siler, J.D., Bicalho, R.C., dan Warnick, L.D., 2015, Multiresidue screening of milk withheld for sale at dairy farms in central New York State, *J Dairy Sci*. 2014 Mar; 97(3): 1513–1519. Published online 2014 Jan 17. doi: 10.3168/jds.2013-7421
- Peterson, G., Cunningham, S., Deutsch, L., Erickson, J., Quinlan, A., Raez–Luna, E., Tinch, R., Troell, M., Woodbury, P., dan Zens, S., 2013, The Risks and Benefits of Genetically Modified Crops: A Multidisciplinary Perspective, *Ecology and Society*, Vol. 4 Issue 1 (2000), <<https://www.ecologyandsociety.org/vol4/iss1/art13/vol4-iss1-13.pdf>>.
- Pimentel, D., 2000, Genetically modified crops and the agroecosystem: Comments on "Genetically modified crops: risks and promise" by Gordon Conway. *Conservation Ecology* 4 (1): 10 [online] <<http://www.consecol.org/vol4/iss1/art10>>.
- Rao, R.P.N., Stocco, A., Bryan, M., Sarma, D., Youngquist, T.M., Wu, J., dan Prat, C.S., 2014, A Direct Brain-to-Brain Interface in Humans, *PLoS ONE* 9(11): e111332 <<https://doi.org/10.1371/journal.pone.0111332>>
- Viscusi, W.K., 2008, How to Value a Life, *Vanderbilt Law and Economics Research Paper* No. 08-16, (March 18, 2008), dapat diunduh di SSRN: <<https://ssrn.com/abstract=1137978>>
- Walker, B., dan M. Lonsdale. 2000. Genetically modified organisms at the crossroads: Comments on "Genetically modified crops: risks and promise" by Gordon Conway. *Conservation Ecology* 4 (1): 12. [online] dapat diunduh di: <<http://www.consecol.org/vol4/iss1/art12>>.
- Zhen, L., et.al., 24 January 2018, Cloning of Macaque Monkeys by Somatic Cell Nuclear Transfer". *Cell*. <doi:10.1016/j.cell.2018.01.020>.

## **Bahan Kuliah atau Presentasi**

- Benaroya, F., and Kosciusko-Morizet, N., 2001, *Making Sense of the Precautionary Principle*, Paper presented at the ETSG 2001 Conference, Brussels, 14-16 September 2001.
- Dirjen Sumberdaya Iptek, 2017, *Kebijakan Umum Pengembangan Kompetensi SDM Iptek Nasional*, Kemenristekdikti.
- Fransisca, F., 2012, *Bahan Kuliah Bioteknologi Pertanian*, Departemen Teknologi Pangan, Fakultas Teknologi Pertanian IPB Bogor.
- Melschers, L., 2015, *Balancing Access and Protection in Agriculture: Shaping a New IP Rules*, Masterclass Octrooigilde.
- Mukherjee, U., 1997, *a Study of the Basmati Case (India-Us Basmati Rice Dispute): Geographical Indication Perspective*, <https://csbweb01.uncw.edu/people/eversp/classes/bla361/Intl%20Law/Cases/Study%20of%20Basmati%20Rice%20Intl%20Case.ssrn.pdf>
- Saepudin, E., 2005, *Handout Kuliah Bioteknologi*, Jakarta: Dept. Kimia FMIPA UI.
- Smith, H.O., 1978, *Nucleotide Sequence Specificity Of Restriction Endonucleases*, Nobel Lecture, 8 December 1978.

Roostita, L.B., Harlia, E., dan Virgianty, V., 2011, *Detection of Antibiotic Residues And Concentrations In Cows Milk Taken From Local Dairy Farmers In Lembang Sub District*, paper untuk publikasi internal *Lucrări Științifice* vol. 55, Seria Zootehnie pada Universitatea de Științe Agricole și Medicină Veterinară Roma.

Virgianty, V., 2017, *Detection of Antibiotic Residues and Concentration in Raw Milk from Lembang Small Holder Dairy Farm*, The Veterinary Medicine International Conference November 2017.

## Laporan, Prosiding, Buletin, dan Newsletter

Aswatini, H., Setiawan, B., Latifa, A., Fitranita dan Noveria, M., 2004, "Ketahanan Pangan, Kemiskinan dan Sosial Demografi Rumah Tangga", Buletin Pusat Penelitian Kependudukan, Lembaga Ilmu Pengetahuan Indonesia, Jakarta.

Badan Ketahanan Pangan Departemen Pertanian RI, 2014, "Ketahanan Pangan dan Gizi", Buletin Temu Ilmiah Internasional Persatuan Ahli Gizi Indonesia - November 2014.

Badan POM, 2010, *Pangan Produk Rekayasa Genetika dan Pengkajian Keamanannya di Indonesia*, Info POM, Volume XI, No.1, Maret-April 2010

Badan POM, 2012, Panduan Pencantuman Keterangan "Pangan Produk Rekayasa Genetik" Pada Label Pangan, Direktorat Standarisasi Produk Pangan, Deputi Bidang Pengawasan Keamanan Pangan dan Bahan Berbahaya BPOM.

Celeres, 2011, *The Commercial Benefits From Crop Biotechnology in Brazil: 1996/97 – 2011/12*, Brazil: ABRASEM.

Congressional Research Service, 2017, *the US-EU Beef Hormone Dispute*, CSR Report.

Cornell Cooperative Extension, 2002, *Genetically Engineered Foods StarLink Corn in Taco Shells*, Cornell University, dapat diunduh di:  
<https://scholarworks.iupui.edu/bitstream/handle/1805/815/GE%20StarLink%20corn%20in%20taco%20shells.pdf?sequence=1>

DPPM Deplu, 2003, *Sekilas Perjanjian Pertanian WTO*, Direktorat Perdagangan dan Perindustrian Multilateral.

Dubey, I., 2017, *the Forgotten Farmer: Understanding India's Escalating Farming Crisis*, EFEPS Policy Brief July 2017, Foundation for European Progressive Studies.

European Communities, *Measures Affecting Asbestos and Asbestos-Containing Products*, Report of the Appellate Body, WT/DS135/AB/R, 12 March 2001

Gaskell, G. (ed.), 2006, *Europeans and Biotechnology in 2005: Pattern and Trends*, Eurobarometer 64.3, Brussels: EC D-G Research.

Global Legal Research Center, 2012, *Bioethics Legislation in Selected Countries*, LL File No. 2012-008118, October 2012, The Law Library of Congress.

IFPRI, 2014, *Global Hunger Index: the Challenge of Hidden Hunger*, IFPRI Issues Brief Washington: International Food Policy Research Institute.

ILC, 1991, *Report of the ILC on its 43rd session*, 30 I.L.M. (1991)

ILC, 2001, *ILC Articles on Responsibility of States for Internationally Wrongful Act*. ILC Report (2001) GAOR A/56/10 43-365

Institute of Bioengineering and Nanotechnology, 2014, *Media Release: IBN's Nanogel Heals Burn Wounds Faster*, Singapore, 14 May 2014.

ISAAA, 2014, *Agricultural Biotechnology: A Lot More than Just GM Crops*, Los Banos: ISAAA SEAsia Center.

ISAAA, 2017, *ISAAA Accomplishment Report 2017*, Ithaca, NY: ISAAA.

James, Jr., H.S., 2005, *For a Sustainable Agriculture, We Need More Adam Smith, Not Less*, Department of Agricultural Economics University of Missouri Columbia Working Paper No. AEWP 2005-03, June 2005.

KemenLH, 2007, *Panduan Valuasi Ekonomi Sumberdaya Alam dan Lingkungan*, Jakarta: Deputi VII KLH.

Kiplagat, B., 2013. Liability & Redress: The Supplementary Protocol To The Cartagena Protocol On Biosafety. *ABNE Policy Brief No. 2*. NEPAD: Legal/Policy Aspects.

Nugraha, U.S., 2004, “*Legalisasi, Kebijakan, dan Kelembagaan Pembangunan Perbenihan*”. Perkembangan Teknologi TRO. Vol. 26, No. 1.

Proceeding of International Conference on Modern Biotechnologies: *Sustainable Innovation and Regulatory Needs*, Penang 7-10 November 2012, Malaysia: Third World Network.

Purwantara B., dan Thohari, M., 2012, *Status Global Tanaman Produk Rekayasa Genetik dan Regulasinya*. Jakarta: Balai Besar Penelitian dan Pengembangan Bioteknologi dan Sumber Daya Genetik Pertanian, Badan Penelitian dan Pengembangan Pertanian, Departemen Pertanian.

Pusat Data dan Sistem Informasi Pertanian, 2014. *Buletin Konsumsi Pangan* Volume 5 No. 1 Tahun 2014.

Pusat Data dan Sistem Informasi Pertanian, 2014, *Buletin Triwulanan Ekspor Impor Komoditas Pertanian* Vol VI No. 1 Tahun 2014.

Pusat Data dan Sistem Informasi Pertanian, 2015, *Buletin Triwulanan Ekspor Impor Komoditas Pertanian* Vol VII No. 1 Tahun 2015.

Riedel, S., 2005, Edward Jenner and the History of Smallpox and Vaccination. *Proceedings*, Baylor University Medical Center, 18 (1), pp. 21–25.

Santoso, W.Y., 2016d, Kerangka Pengaturan Produk Pangan Transgenik di Indonesia, *Laporan Penelitian*, Fakultas Hukum UGM.

Santoso, W.Y., 2017d, Konstelasi Hukum Nasional dalam Komersialisasi Produk Pertanian Hasil Rekayasa Genetik, *Laporan Penelitian*, Fakultas Hukum UGM.

Secretariat of the CBD. 2011, *Minutes of Meeting - The International Symposium on COP10 and COP-MOP5: The Significance of the Nagoya-Kuala Lumpur Supplementary Protocol and the Nagoya Protocol on ABS*. Tokyo, Japan – March 2011.

Sukara, E., 1999, “*Koleksi Kultur Jasad Renik dan Bioteknologi*”, Berita Ilmu Pengetahuan dan Teknologi-Puslitbang LIPI, Tahun ke 40 No. 2.

Taniguchi, N., 1974, *On the Basic Concept of “Nanotechnology”*, Proceeding International Conference on Production Engineering pt. 2. Japan Society of Precision Engineering: Tokyo.

Taylor, M.R., dan Tick, J.S., 2001, *the StarLink Case: Issues for the Future*, US: Pew Initiative on Food and Biotechnology.

TIBS Newsletter 1979.

UNEP. 2001, *Liability and Redress Under The Convention on Biological Diversity: Review Of Relevant International Legal Instruments And Issues For Consideration*. Executive Secretary Note from Workshop on Liability and Redress In The Context of the Convention on Biological Diversity, Paris June 2001.

WHO, October 2017, *Fact Sheet on Plague*,  
<<http://www.who.int/mediacentre/factsheets/fs267/en/>>.

WTO, 2000, *Dispute Settlement Reports 1998*. UK: Cambridge University Press

## Tesis dan Disertasi

Ariwidodo, E., 2009, Implikasi Penerapan Bioteknologi Terhadap Lingkungan Dalam Perspektif Filsafat Lingkungan, Tesis: S2 Filsafat UGM.

Hanifa, M., 2012, Perlindungan Hukum Terhadap Akses dan Pembagian Keuntungan Atas Pemanfaatan Sumber Daya Genetik, Tesis: S2 Ilmu Hukum UI.



- Herawaty, N., 2005, *Koalisi Advokasi dan Perubahan Kebijakan: Studi Terhadap Kebijakan Pelepasan Secara Terbatas Kapas Transgenik di Sulawesi Selatan*, Tesis: Ilmu Politik UGM.
- Hetami, K., 2009, *Pelabelan Produk Pangan yang Mengandung Bahan Rekayasa Genetik Sebagai Wujud Asas Keterbukaan Informasi*, Tesis: S2 Ilmu Hukum Undip.
- Hofbauer, J., 2009, *The Principle of Permanent Sovereignty over Natural Resources and Its Modern Implications*, Thesis: Faculty of Law University of Iceland.
- Rachmah, 2001, *Tanggapan Amerika Serikat Atas Kebijakan Pelabelan Tanaman Pertanian dan Pangan Bioteknologi di Uni Eropa (1997-2000)*, Tesis: S2 Hubungan Internasional UGM.
- Santoso, E., 2004, *Kajian Evaluasi Pelepasan Secara Komersial Kapas Transgenik Bt Cotton di Sulawesi Selatan*, Tesis: S2 Ilmu Hukum UI.
- Saputra, A., 2011, *Analisis Alasan Penolakan Produk Pangan Ekspor Indonesia Oleh Amerika Serikat dan Eropa Selama Tahun 2002-2010*, Tesis: S2 Teknologi Pertanian IPB.
- Sitcawich, S.O., 1998, *Eugenics in Imperial Japan: Some Ironies of Modernities 1883-1945*, Dissertation: Graduate School of Ohio University.
- Suraya, R.J., 2006, *Perlindungan Terhadap Konsumen Pengguna Produk Pangan Hasil Rekayasa Genetik di Indonesia*, Tesis: S2 Ilmu Hukum UI.
- Suryasaladin, R., 2003, *Masalah Hukum di Bidang Bioteknologi dan Keamanan Hayati Tanaman Pertanian Hasil Rekayasa Genetik di Indonesia*, Tesis: S2 Ilmu Hukum UI.

#### Artikel daring dan tautan internet

- Berita Bumi, 2014, <<http://beritabumi.or.id/kedelai-import-transgenik-vs-kedelai-lokal-organik>>.
- Black, E., 2003, *The Connections Between U.S. and Nazi Eugenacists*. *San Francisco Chronicle* 9 November 2003, diakses pada <https://www.sfgate.com/opinion/article/Eugenics-and-the-Nazis-the-California-2549771.php>
- BPS, 2017, <<https://www.bps.go.id/statictable/2014/09/08/1002/nilai-ekspor-dan-import-juta-us---1975-2016.html>>
- Colwell, B., 2017, *A Giant-Sized History of Biotechnology*, 1 June 2017, <https://briandcolwell.com/2017/06/a-giant-sized-history-of-biotechnology/.html>
- CropLife International. 2005. *Compliance Management Of Confined Field Trials Of Genetically Engineered Plants*. [www.croplife.org](http://www.croplife.org).
- , 2010. *A Guideline For Liability And Redress Mechanism Under NKL-Supplementary Protocol*. [www.croplife.org](http://www.croplife.org)
- Elfa, M.M., 2016, *Melawan Perampas Pengetahuan Sumber Daya Genetik Masyarakat Adat/Lokal, Melawan Biopiracy*, <<https://www.kompasiana.com/meldyelfa/>>.
- EuropaBio, 2013, *Biotechnology Timeline: the Evolution of the Revolution*, European Biotech Week 2013, [www.EuropaBio.com](http://www.EuropaBio.com)
- Feltman, R., *No, there has not been a successful human head transplant. And the whole story is extremely fishy*, 18 November 2017 <<https://www.popsoci.com/first-head-transplant-human-surgery>>.
- Fraley, R.T., 2016, *Monsanto, on Genetically Modified Crops*, NY Times 11 November 2016, <<https://www.nytimes.com/2016/11/12/opinion/monsanto-on-genetically-modified-crops.html?ref=collection%2Ftimestopic%2FGenetically%20Modified%20Food>>

- Friedman, M., The Social Responsibility of Business is to Increase its Profits, *The New York Times Magazine*, September 13, 1970.  
<https://www.colorado.edu/studentgroups/libertarians/issues/friedman-soc-resp-business.html>
- Gertsberg, D., Loss of Biodiversity and Genetically Modified Crops, *GMO Journal* 17 Juni 2011, <<http://gmo-journal.com/2011/06/17/loss-of-biodiversity-and-genetically-modified-crops/>>.
- Ikerd, J., 2000, Sustainable Agriculture: A Question of Social Justice, <<http://web.missouri.edu/ikerdj/papers/StanfordJustice.html>>
- IRRI. 2016. Hybrid Rice, <<http://irri.org/our-work/research/better-rice-varieties/hybrid-rice>>
- Nijar, G.S., 1999, *Sui Generis Law for Plant Varieties: Preserving the Knowledge and Creativity of Traditional Breeders - a Third World View*, Third World Network  
<<http://www.twn.my/title/sui-cn.htm>>
- Normile, D., 2018, These monkey twins are the first primate clones made by the method that developed Dolly, *Science Magazine* 24 Januari 2018,  
<<http://www.sciencemag.org/news/2018/01/these-monkey-twins-are-first-primate-clones-made-method-developed-dolly>>
- PAN Indonesia, 2002, Shiseido Batalkan Paten Rempah Indonesia, arsip artikel *Kompas* 26 Maret 2002, <[biotani.rad.net.id](http://biotani.rad.net.id)>
- Pardal, S., 2017, Amankah Kedelai Transgenik (GMO) sebagai bahan baku Tempe?, *Biogen* 17 Oktober 2017, <http://biogen.litbang.pertanian.go.id/2017/10/amankah-kedelai-transgenik-gmo-sebagai-bahan-baku-tempe/>
- Pollack, A., 23 September 2000, *Kraft Recalls Taco Shells With Bioengineered Corn*, *New York Times*, <http://www.nytimes.com/2000/09/23/business/kraft-recalls-taco-shells-with-bioengineered-corn.html>
- Prasaja, H., 2010, Jagung Transgenik Rugikan Petani Indonesia, *berita Serikat Petani Indonesia*, <<http://www.spi.or.id/?p=2343>>.
- Safire, W., *The Way We Live Now: 8-13-00: On Language; Franken--*, *NY Times* 13 Agustus 2000, <<http://www.nytimes.com/2000/08/13/magazine/the-way-we-live-now-8-13-00-on-language-franken.html>>.
- United Nation Politic Declaration on HIV and AIDS  
<<http://www.unaids.org/en/resources/documents/2016/2016-political-declaration-HIV-AIDS>>.
- The Birth of Biotech: Herbert Boyer and Stanley Cohen started a revolution. *Technology Review*, 1 July 2000, <https://www.technologyreview.com/s/400767/the-birth-of-biotech/>
- The Hindustan Times, *Basmati Rice: US Firm Withdraws Patent Claim*, September 28, 2000  
<<http://www.hindustantimes.com/nonfram/280900/fryNAT05.asp>>  
<<http://abcnews.go.com/Health/doctors-longer-hiv-baby-cured/story?id=20671079>>.  
<<https://bch.cbd.int/protocol/background/>>  
<<http://www.beritasatu.com/berita-utama/94050-kartel-kuasai-pangan-ri.html>>  
<<http://www.etcgroup.org/content/synthia-alive-%E2%80%A6-and-breeding-panacea-or-pandoras-box>>.  
<<http://www.fao.org/biotech/fao-statement-on-biotechnology/en/>>.  
<<http://www.fao.org/fao-who-codexalimentarius/about-codex/jp/>>  
<<https://futurism.com/videos/scientists-create-first-artificial-vocal-cords-sound-like/>>.  
<[https://www.huffingtonpost.com/2014/05/07/living-organism-artificial-dna\\_n\\_5283095.html](https://www.huffingtonpost.com/2014/05/07/living-organism-artificial-dna_n_5283095.html)>.  
<<http://www.iflscience.com/plants-and-animals/scientists-successfully-insert-woolly-mammoth-dna-elephant-genome/>>.

<<https://www.immunology.org/public-information/bitesized-immunology/cells/macrophages>>.

<<http://www.independent.co.uk/news/world/australasia/performance-artist-grows-third-ear-on-arm-will-connect-to-internet-and-allow-world-to-listen-in-10451597.html>>.

<<http://www.independent.co.uk/news/science/voice-transplants-one-step-closer-after-scientists-grow-human-vocal-chords-a6739516.html>>.

<<http://www.independent.co.uk/news/science/pig-human-transplant-organs-xenotransplantation-crispr-cas9-pervs-porcine-retrovirus-a7887071.html>>.

< <http://www.indobic.or.id/indobic/dua-produk-lolos-uji-keamanan-lingkungan/>>

< <https://indoprogress.com/2012/02/sketsa-perkembangan-reforma-agraria-dan-studi-agraria/>>

<<http://irri.org/our-work/research/genetic-diversity/international-rice-genebank>>.

< <http://www.kabarbisnis.com/read/2881614/dua-regulasi-ini-hambat-komersialisasi-produk-pangan-bioteknologi->>

<<https://www.nature.com/news/first-synthetic-yeast-chromosome-revealed-1.14941>>.

<<https://www.nature.com/news/lab-grown-blood-stem-cells-produced-at-last-1.22000>>.

< <https://www.nytimes.com/2001/08/25/business/india-us-fight-on-basmati-rice-is-mostly-settled.html>>

<<https://www.nih.gov/news-events/news-releases/nih-supported-researchers-map-epigenome-more-100-tissue-cell-types>>.

<<https://www.petmd.com/fish/what-are-glofish>>.

<<https://phys.org/news/2017-05-scientists-disease-resistant-rice-sacrificing-yield.html>>.

<<https://www.sciencealert.com/scientists-have-unexpectedly-found-a-vaccine-that-blocks-hiv-infection-in-monkeys>>.

<<https://www.sciencedaily.com/releases/2017/12/171201135555.htm>>.

<<http://www.sciencemag.org/news/2003/04/banteng-cloned>>.

<<http://www.sciencemag.org/news/2014/05/young-blood-renews-old-mice>>.

< <http://www.spi.or.id/putusan-mk-atas-judicial-review-uu-sistem-budidaya-tanaman/>>

<<https://www.theguardian.com/science/2018/oct/07/monsanto-trial-cancer-appeal-glyphosate-chemical>>.

<<http://www.unesco.org/new/en/social-and-human-sciences/themes/bioethics/bioethics-and-human-rights/>>.

<<https://www.usatoday.com/story/news/nation-now/2017/12/04/uterus-transplant-results-successful-birth-1st-u-s/920041001/>>.

<<https://usrtk.org/pesticides/mdl-monsanto-glyphosate-cancer-case-key-documents-analysis/>>.

<<https://www.washington.edu/news/2013/08/27/researcher-controls-colleagues-motions-in-1st-human-brain-to-brain-interface/>>.

<<http://www.wired.co.uk/article/sheep-clones-dolly-healthy>>.

<<https://wyss.harvard.edu/living-breathing-human-lung-on-a-chip-a-potential-drug-testing-alternative/>>.