

# References

---

- Abe Y, Suzuki T, Ono C, Iwamoto K, Hosobuchi M and Yoshikawa H. Molecular Cloning and Characterization of an ML-236B (compactin) Biosynthetic Gene Cluster in *Penicillium Citrinum*. *Molecular Genetics and Genomics*. 2002 267 (5): 636–646.
- Ahmed I. El-Batal , Roquia Al-Habib. Elevated yield of Lovastatin by *Monascus purpureus* from Date Wastes extract and encapsulation in nanoparticles. *International journal of pharmaceutical science and health care*. 2(6); 2012: 62-83.
- Ajaz Ahmad, Mohd Mujeeb, Rohit Kapoor, Bibhu Prasad Panda. In situ bioconversion of compactin to pravastatin by *Actinomadura* species in fermentation broth of *Penicillium citrinum*. *Chemical Papers*. 67(6); 2013: 667-67.
- Alarcon J and Aguila S. Lovastatin production by *Pleurotus ostreatus*: Effect of the C:N ratio. *Z. Naturforsch* 2005 61c: 95-98.
- Alberts AW, Chen J, Kuron G, Hunt V, Huff J, Hoffman C, Rothrock J, et al. Mevinolin: A Highly Potent Competitive Inhibitor of Hydroxymethylglutaryl-Coenzyme A Reductase and a Cholesterol-Lowering Agent. *PNAS*. 1980 77 (7): 3957–3961.
- Baba S, Abe Y, Suzuki T, Ono C, Iwamoto K, Nihira T and Hosobuchi M. Improvement of Compactin (ML-236B) Production by Genetic Engineering in Compactin High-Producing *Penicillium Citrinum*. *Applied Microbiology and Biotechnology*. 2009 83 (4): 697–704.

- Bakker-Arkema RG, Davidson MH, Goldstein RJ, Davignon J, Isaacsohn JL, Weiss SR, Keilson LM, et al. Efficacy and Safety of a New HMG-CoA Reductase Inhibitor, Atorvastatin, in Patients with Hypertriglyceridemia. *The Journal of the American Medical Association*. 1996 275 (2): 128–133.
- Bao-Jun Xu, Qi-Jun Wang, Xiao-Qin Jia, Chang-Keun Sung. Enhanced lovastatin production by solid state fermentation of *Monascus ruber*. *Biotechnology and Bioprocess Engineering*. 10(1); 2005: 78-84.
- Barrios-González, Javier, and Roxana U Miranda. Biotechnological Production and Applications of Statins. *Applied Microbiology and Biotechnology*. 2010 85 (4): 869–883.
- Berg, Van Den Marco Alexander, Marcus Hans and Hugo Streekstra. Method for the Production of Simvastatin. 2007. Patent no. WO2007147801 A1.
- Berliner JA, Mohamad Navab, Alan MF, Joy SF, Linda LD, Peter AE, Andrew DW and Aldons JL. Atherosclerosis: Basic Mechanisms Oxidation, Inflammation, and Genetics. *Circulation*. 1995 91 (9): 2488–96.
- Bhatnagar, Deepak, Handrean Soran, and Paul N Durrington. Hypercholesterolaemia and Its Management. *BMJ (Clinical Research Ed.)* 2008 337: 993.
- Biggerstaff, Kyle D., and Joshua S. Wooten. Understanding Lipoproteins as Transporters of Cholesterol and Other Lipids. *Advances in Physiology Education*. 2004 28 (3): 105–6.
- Bin Zhuge, Hui, Ying Fang, Hai Yu, Zhi Ming Rao, Wei Shen, Jian Song, Jian Zhug. Bioconversion of lovastatin to a novel statin by *amycolatopsis* sp. *Appl. Microbiol. Biotechnol.* 79(2); 2008: 209-16.

- Bizukojc, Marcin, and Stanislaw Ledakowicz. Biosynthesis of Lovastatin and (+)-Geodin by *Aspergillus Terreus* in Batch and Fed-Batch Culture in the Stirred Tank Bioreactor. *Biochem. Engineering Journal*. 2008 42 (3): 198–207.
- Boccardi, Virginia, Michelangela Barbieri, Maria Rosaria Rizzo, Raffaele Marfella, Antonietta Esposito, Luigi Marano, and Giuseppe Paolisso. A New Pleiotropic Effect of Statins in Elderly: Modulation of Telomerase Activity. *Federation of American Societies for Experimental Biology*. 2013 27 (9): 3879–3885.
- Brown, M. S., Faust, J. R., Goldstein, J. L., Kaneko, I. and Endo, A. Induction of 3-hydroxy-3-methylglutaryl coenzyme A reductase activity in human fibroblasts incubated with compactin, a competitive inhibitor of the reductase. *J. Biolog. Chem.* 1978 253: 1121-1128.
- Campese, V M, and J Park. HMG-CoA Reductase Inhibitors and the Kidney. *Kidney International*. 2007 71 (12): 1215–1222.
- Casas Lopez, J. L., Sanchez Perez, J. A., Fernandez Sevilla, J. M., Acien Fernandez, F. G., Molina Grima, E., & Chisti, Y. Fermentation optimization for the production of Technology lovastatin by *Aspergillus terreus*: use of response surface methodology. *Journal of Chemical and Biotechnolog.* 79; 2004: 1119–1126.
- Chakravarti, R, and V Sahai. Compactin-a Review. *Applied Microbiology and Biotechnology*. 2004 64 (5): 618–624.
- Choi, D. B., Cho, K. A., Cha, W. S., & Ryu, S. R. Effect of triton X-100 on compactin production from *Penicillium citrinum*. *Biotechnology and Bioprocess Engineering*, 9; 2004: 171–178.

- Davignon, Jean, and Lawrence A Leiter. Ongoing Clinical Trials of the Pleiotropic Effects of Statins. *Vascular Health and Risk Management*. 2005 1 (1): 29–40.
- Downs, J R, M Clearfield, S Weis, E Whitney, D R Shapiro, P A Beere, A Langendorfer, E A Stein, W Kruyer, and A M Gotto Jr. Primary Prevention of Acute Coronary Events with Lovastatin in Men and Women with Average Cholesterol Levels: Results of AFCAPS/TexCAPS. Air Force/Texas Coronary Atherosclerosis Prevention Study. *JAMA* 1998 279 (20): 1615–1622.
- Endo A. A Gift from Nature: The Birth of the Statins. *Nature Medicine*. 2008 14 (10): 1050–1052.
- Endo A. A Historical Perspective on the Discovery of Statins. *Proceedings of the Japan Academy*. 2010 86 (5): 484–493.
- Endo, A, H Yamashita, H Naoki, T Iwashita, and Y Mizukawa. Microbial Phosphorylation of Compactin (ML-236B) and Related Compounds. *The Journal of Antibiotics*. 1985 38 (3): 328–332.
- Endo, A, K Hasumi, and S Negishi. Monacolins J and L, New Inhibitors of Cholesterol Biosynthesis Produced by *Monascus Ruber*. *The Journal of Antibiotics*. 1985 38 (3): 420–422.
- Endo, A, M Kuroda, and Y Tsujita. ML-236A, ML-236B, and ML-236C, New Inhibitors of Cholesterologenesis Produced by *Penicillium Citrinium*. *The Journal of Antibiotics*. 1976 29 (12): 1346–1348.
- Endo, A., Hasumi, K., Yamada, A., Shimoda, R. and Takeshima, H. The synthesis of compactin (ML-236B) and monacolin K in fungi. *The Journal of Antibiotics*. 1986 39: 1609-1610.

- Ghosh, Anamitra, Avik Roy, Joanna Matras, Saurav Brahmachari, Howard E Gendelman, and Kalipada Pahan. Simvastatin Inhibits the Activation of p21ras and Prevents the Loss of Dopaminergic Neurons in a Mouse Model of Parkinson's Disease. *The Journal of Neuroscience*. 2009 29 (43):13543–13556.
- Girardi Guillermina. Can Statins Prevent Pregnancy Complications? *Journal of Reproductive Immunology*. 2014 101-102:161-167.
- Giroux, L M, J Davignon, and M Naruszewicz. Simvastatin Inhibits the Oxidation of Low-Density Lipoproteins by Activated Human Monocyte-Derived Macrophages. *Biochimica et Biophysica Acta*. 1993 1165 (3): 335–338.
- Goldstein, J L, and M S Brown. Regulation of the Mevalonate Pathway. *Nature*. 1990 343 (6257): 425–430.
- Gotto, Antonio M, Jr, and Jennifer E Moon. Pharmacotherapies for Lipid Modification: Beyond the Statins. *Nature Reviews. Cardiology* 2013 10 (10): 560–70.
- Gunde-Cimerman, N., Plemenitaš, A., Cimerman, A. A hydroxy methylglutaryl CoA reductase inhibitor synthesized by Yeasts. *FEMS Microbiol. Lett.* 1995 132: 39-43.
- Gunde-Cimerman, N., Plemenitaš, A., Cimerman, A. Pleurotus fungi produce mevinolin, an inhibitor of HMG CoA reductase. *FEMS Microbiology letters*. 1993 113: 333-338.
- Gupta, K., Mishra, P. K., & Srivastava, P. Enhanced continuous production of lovastatin using pellets and siran supported growth of *Aspergillus terreus* in an airlift reactor. *Biotechnology and Bioprocess Engineering*. 14; 2009: 207–212.

- H.R. Valera, J. Gomes, S. Lakshmi, R. Gururaja, S. Suryanarayan, D. Kumar. Lovastatin production by solid state fermentation using *Aspergillus flavipes*. *Enzyme and Microbial Technology*. 37; 2005: 521–526.
- Hendrickson L, C R Davis, C Roach, D K Nguyen, T Aldrich, P C McAda, and C D Reeves. Lovastatin Biosynthesis in *Aspergillus Terreus*: Characterization of Blocked Mutants, Enzyme Activities and a Multifunctional Polyketide Synthase Gene. *Chemistry & Biology*. 1999 6 (7): 429–439.
- Hutchinson, C. Richard, Jonathan Kennedy, Cheonseok Park, Steven Kendrew, Karine Auclair, and John Vederas. Aspects of the Biosynthesis of Non-Aromatic Fungal Polyketides by Iterative Polyketide Synthases. *Antonie van Leeuwenhoek*. 2000 78 (3-4): 287–295.
- Istvan, E S, and J Deisenhofer. Structural Mechanism for Statin Inhibition of HMG-CoA Reductase. *Science*. 2001 292 (5519): 1160–1164.
- J. Barrios-González, J. G. Baños, A. A. Covarrubias, A. Garay-Arroyo. Lovastatin biosynthetic genes of *Aspergillus terreus* are expressed differentially in solid-state and in liquid submerged fermentation. *Applied Microbiology and Biotechnology*. 79, (2); 2008: 179-186.
- Jia, Z., Zhang, X., Zhao, Y., & Cao, X. Effects of divalent metal cations on lovastatin biosynthesis from *Aspergillus terreus* in chemically defined medium. *World Journal of Microbiology and Biotechnology*. 25; 2009: 1235–1241.
- Joo-Woong Park, Joo-Kyung Lee, Tae-Jong Kwon, Dong-Hee Yi, Young-Jun Kim, Seong-Hoon Moon, Hyun-Hyo Suh, Sang-Mo Kang, Yong-Il Park. Bioconversion of compactin into pravastatin by *Streptomyces* sp. *Biotechnology Letters* 25(21); 2003: 1827-1831.

- Kaur, H., Kaur, A., Saini, H. S., & Chadha, B. S. Response surface methodology for lovastatin production by *Aspergillus terreus* GD 13 strain. *Acta Microbiologica et Immunologica Hungarica*. 57; 2010: 377–391.
- Keller, Nancy P., and Thomas M. Hohn. Metabolic Pathway Gene Clusters in Filamentous Fungi. *Fungal Genetics and Biology*. 1997 21 (1): 17–29.
- Kennedy, J, K Auclair, S G Kendrew, C Park, J C Vederas, and C R Hutchinson. Modulation of Polyketide Synthase Activity by Accessory Proteins during Lovastatin Biosynthesis. *Science*. 1999 284 (5418): 1368–1372.
- Kidd, Jane. Life after Statin Patent Expiries. *Nature Reviews Drug Discovery*. 2006 5 (10): 813–814.
- Kimura, K, D Komagata, S Murakawa, and A Endo. Biosynthesis of Monacolins: Conversion of Monacolin J to Monacolin K (mevinolin). *The Journal of Antibiotics*. 1990 43 (12): 1621–1622.
- Kochuparambil, Samith T, Belal Al-Husein, Anna Goc, Sahar Soliman, and Payaningal R Somanath. Anticancer Efficacy of Simvastatin on Prostate Cancer Cells and Tumor Xenografts Is Associated with Inhibition of Akt and Reduced Prostate-Specific Antigen Expression. *The Journal of Pharmacology and Experimental Therapeutics*. 2011 336 (2): 496–505.
- Komagata, D, H Shimada, S Murakawa, and A Endo. Biosynthesis of Monacolins: Conversion of Monacolin L to Monacolin J by a Monooxygenase of *Monascus Ruber*. *The Journal of Antibiotics*. 1989 42 (3): 407–412.
- Kratz, M. Dietary Cholesterol, Atherosclerosis and Coronary Heart Disease. *Handbook of Experimental Pharmacology*. 2005 170: 195–213.

- Kumar, M. Sitaram, Swapan K Jana, V Senthil, V Shashanka, S. Vijay Kumar, and A. K Sadhukhan. Repeated Fed-Batch Process for Improving Lovastatin Production. *Process Biochemistry*. 2000 36 (4): 363–368.
- Kwak, B, F Mulhaupt, S Myit, and F Mach. Statins as a Newly Recognized Type of Immunomodulator. *Nature Medicine*. 2000 6 (12): 1399–1402.
- Levy, R I, A J Troendle, and J M Fattu. A Quarter Century of Drug Treatment of Dyslipoproteinemia, with a Focus on the New HMG-CoA Reductase Inhibitor Fluvastatin. *Circulation*. 1993 87 (4): 45–53.
- Li Shi-Weng, Mei Li, Hong-Ping Song, Jia-Li Feng, Xi-Sheng Tai. Induction of a High-Yield Lovastatin Mutant of *Aspergillus terreus* by  $^{12}\text{C}^{6+}$  Heavy-Ion Beam Irradiation and the Influence of Culture Conditions on Lovastatin Production Under Submerged Fermentation. *Applied Biochemistry and Biotechnology*. 165,(3-4); 2011: 913-925.
- Lin, Yii-Lih, Teng-Hsu Wang, Min-Hsiung Lee, and Nan-Wei Su. Biologically Active Components and Nutraceuticals in the Monascus-Fermented Rice: A Review. *Applied Microbiology and Biotechnology*. 2008 77 (5): 965–973.
- Lucchi, Tiziano, and Carlo Vergani. Dyslipidemias and statins: from guidelines to clinical practice. An updated review of the literature. *Giornale italiano di cardiologia*. 2014 15 (3): 149–60.
- Mabuchi, H, T Haba, R Tatami, S Miyamoto, Y Sakai, T Wakasugi, A Watanabe, J Koizumi, and R Takeda. Effect of an Inhibitor of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase on Serum Lipoproteins and Ubiquinone-10 Levels in Patients with Familial Hypercholesterolemia. *The New England Journal of Medicine*. 1981 305 (9): 478–482.



- Mabuchi, H, T Sakai, Y Sakai, A Yoshimura, A Watanabe, T Wakasugi, J Koizumi, and R Takeda. Reduction of Serum Cholesterol in Heterozygous Patients with Familial Hypercholesterolemia. Additive Effects of Compactin and Cholestyramine. *The New England Journal of Medicine*.1983 308 (11): 609–613.
- Maiorov VN, Crippen GM. Significance of root-mean-square deviation in comparing three-dimensional structures of globular proteins. *J Mol Biol*. 1994 235(2): 625-34.
- Mannu, G S, M J S Zaman, A Gupta, H U Rehman, and P K Myint. Evidence of Lifestyle Modification in the Management of Hypercholesterolemia. *Current Cardiology Reviews*. 2013 9 (1): 2–14.
- Manzoni, M, and M Rollini. Biosynthesis and Biotechnological Production of Statins by Filamentous Fungi and Application of These Cholesterol-Lowering Drugs. *Applied Microbiology and Biotechnology*. 2002 58 (5): 555–564.
- Manzoni, M., Bergomi, S., Rollini, M. and Cavazzoni, V. Production of statins by filamentous fungi. *Biotechnol Lett*. 1999 21: 253-257.
- Manzoni, Matilde, Manuela Rollini, Silvia Bergomi, and Valeria Cavazzoni. Production and Purification of Statins from *Aspergillus Terreus* Strains. *Biotechnology Techniques*. 1998 12 (7): 529–532.
- Masatoshi Tsukahara, Naoya Shinzato, Yasutomo Tamaki, Tomoyuki Namihira, Toru Matsui. Red Yeast Rice Fermentation by Selected *Monascus* sp. With Deep-Red Color, Lovastatin Production but No Citrinin, and Effect of Temperature-Shift Cultivation on Lovastatin Production. *Applied Biochemistry and Biotechnology*. 158,(2); 2009: 476-482.

- Merx, Marc W, Elisa A Liehn, Jürgen Graf, Annette van de Sandt, Maren Schaltenbrand, Jürgen Schrader, Peter Hanrath, and Christian Weber. Statin Treatment after Onset of Sepsis in a Murine Model Improves Survival. *Circulation*. 2005 112 (1): 117–124.
- Miyake, T., Uchitomi, K., Zhang, M. Y., Kono, I., Nozaki, N., Sammoto, H., et al.. Effects of the principal nutrients on lovastatin production by *Monascus pilosus*. *Bioscience, Biotechnology, and Biochemistry*. 70; 2006: 1154–1159.
- Mohammad Faseleh Jahromi, Juan Boo Liang, Yin Wan Ho, Rosfarizan Mohamad, Yong Meng Goh, and Parisa Shokryazdan. Lovastatin Production by *Aspergillus terreus* Using Agro-Biomass as Substrate in Solid State Fermentation. *Journal of Biomedicine and Biotechnology*. 2012; 2012: 11.
- Moore, Richard N., Glen Bigam, Jean K. Chan, Alan M. Hogg, Thomas T. Nakashima, and John C. Vederas. Biosynthesis of the Hypocholesterolemic Agent Mevinolin by *Aspergillus Terreus*. Determination of the Origin of Carbon, Hydrogen, and Oxygen Atoms by Carbon-13 NMR and Mass Spectrometry. *Journal of the American Chemical Society*. 1985 107 (12): 3694–3701.
- Nasmetova SM, Ruzieva DM, Rasulova GA, Attarova RS, Gulyamova TG. Effect of the Principal Nutrients on Simvastatin Production by Wild Strain *Aspergillus terreus* 20 in Submerged Fermentation. *Int.J.Curr.Microbiol.App.Sci*. 2015 4(9): 894-898
- Nilsson, Peter M. Strengthened role for statins in primary prevention of cardiovascular disease. *Läkartidningen*. 2014 111 (6): 206–7.
- Ohvo-Rekilä, Henna, Bodil Ramstedt, Petra Leppimäki, and J. Peter Slotte. Cholesterol Interactions with Phospholipids in Membranes. *Progress in Lipid Research*. 2002 41 (1): 66–97.

- Panda, B. P., Javed, S., & Ali, M. Optimization of fermentation parameters for higher lovastatin production in red mold rice through co-culture of *Monascus purpureus* and *Monascus ruber*. *Food and Bioprocess Technology*. 3; 2010: 373–378.
- Panda, B., Javed, S., & Ali, M. Statistical analysis and validation of process parameters influencing lovastatin production by *Monascus purpureus* MTCC 369 under solid-state fermentation. *Biotechnology and Bioprocess Engineering*, 14; 2009: 123–127.
- Park, Jun-Beom. The Use of Simvastatin in Bone Regeneration. *Medicina Oral, Patología Oral Y Cirugía Bucal*. 2009 14 (9): 485–488.
- Patil, R. H., Krishnan, P., & Maheshwari, V. L. Production of lovastatin by wild strains of *Aspergillus terreus*. *Natural Product Communications*. 6; 2011: 183–186.
- Pedersen, T R, J Kjekshus, K Berg, T Haghfelt, O Faergeman, G Faergeman, K Pyörälä, et al. Randomised Trial of Cholesterol Lowering in 4444 Patients with Coronary Heart Disease: The Scandinavian Simvastatin Survival Study (4S). 1994. *Atherosclerosis*. 2004 5 (3): 81–87.
- Pei-lian Wei, Zhi-nan Xu, Pei-lin Cen. Lovastatin production by *Aspergillus terreus* in solid-state fermentation. *Journal of Zhejiang University SCIENCE A*. 8(9); 2007: 1521-1526.
- Preiss, David, Matti J Tikkanen, Paul Welsh, Ian Ford, Laura C Lovato, Marshall B Elam, John C LaRosa, et al. Lipid-Modifying Therapies and Risk of Pancreatitis: A Meta-Analysis. *JAMA*. 2012 308 (8): 804–811.
- Quade-Lyssy, Patricia, Anna Maria Kanarek, Markus Baiersdoerfer, Rolf Postina, and Elzbieta Kojro. Statins Stimulate the Production of a Soluble Form

of the Receptor for Advanced Glycation End Products (RAGE). *Journal of Lipid Research*. 2013 54(11):3052-61.

- Rodríguez Porcel, E. M. R., Casas Lopez, J. L., Sanchez Perez, J. A., & Chisti, Y. Lovastatin production by *Aspergillus terreus* in a two-staged feeding operation. *Journal of Chemical Technology and Biotechnology*. 83; 2008: 1236–1243.
- Rodríguez Porcel, Em, JI Casas López, Ja Sánchez Pérez, and Y Chisti. Enhanced Production of Lovastatin in a Bubble Column by *Aspergillus Terreus* Using a Two-Stage Feeding Strategy. *Journal of Chemical Technology & Biotechnology*. 2007 82 (1): 58–64.
- Rosenson, Robert S, and James A Underberg. Systematic Review: Evaluating the Effect of Lipid-Lowering Therapy on Lipoprotein and Lipid Values. *Cardiovascular Drugs and Therapy*. 2013 27 (5): 465–79.
- Sacks, F M, M A Pfeffer, L A Moye, J L Rouleau, J D Rutherford, T G Cole, L Brown, et al. The Effect of Pravastatin on Coronary Events after Myocardial Infarction in Patients with Average Cholesterol Levels. Cholesterol and Recurrent Events Trial Investigators. *The New England Journal of Medicine*. 1996 335 (14): 1001–1009.
- Samiee, S. M., Moazami, N., Haghighi, S., Mohseni, F. A., Mirdamadi, S. and Bakhtiari, M. R. Screening of lovastatin production by filamentous fungi. *Iran. Biomed. J*. 2003 7: 29-33.
- Sayyad, S. A., Panda, B. P., Javed, S., & Ali, M. Optimization of nutrient parameters for lovastatin production by *Monascus purpureus* MTCC 369 under submerged fermentation using response surface methodology. *Applied Microbiology and Biotechnology*. 73; 2007: 1054–1058.

- Shaligram, N. S., Singh, S. K., Singhal, R. S., Pandey, A., & Szakacs, G. Compactin production studies using *Penicillium brevicompactum* under solid-state fermentation conditions. *Applied Biochemistry and Biotechnology*. 159; 2009: 505–520.
- Shepherd, J, S M Cobbe, I Ford, C G Isles, A R Lorimer, P W MacFarlane, J H McKillop, and C J Packard. Prevention of Coronary Heart Disease with Pravastatin in Men with Hypercholesterolemia. West of Scotland Coronary Prevention Study Group. *The New England Journal of Medicine*. 1995 333 (20): 1301–1307.
- Shiao, M S, and H S Don. Biosynthesis of Mevinolin, a Hypocholesterolemic Fungal Metabolite, in *Aspergillus Terreus*. *Proceedings of the National Science Council, Republic of China*. 1987 11 (3): 223–231.
- Shindia, A. A. Mevinolin production by some fungi. *Folia Microbiol*. 1997 42: 477-480
- Singla Sunit, and Jeffrey R Jacobson. Statins as a Novel Therapeutic Strategy in Acute Lung Injury. *Pulmonary Circulation*. 2012 2 (4): 397–406.
- Sirtori CR. The Pharmacology of Statins. *Pharmacological Research*. 2014 88:3-11.
- Sorrentino, F., Roy, I., & Keshavarz, T. Impact of linoleic acid supplementation on lovastatin production in *Aspergillus terreus* cultures. *Applied Microbiology and Biotechnology*. 88; 2010: 65–73.
- Spence Des. Statins for All. *BMJ (Clinical Research Ed.)*. 2014 348: 1899.
- Staels, Bart, Jean Dallongeville, Johan Auwerx, Kristina Schoonjans, Eran Leitersdorf, and Jean-Charles Fruchart. Mechanism of Action of Fibrates on Lipid and Lipoprotein Metabolism. *Circulation*. 1998 98 (19): 2088–93.

- Stojadinovic, Olivera, Elizabeth Lebrun, Irena Pastar, Robert Kirsner, Stephen C Davis, and Marjana Tomic-Canic. Statins as Potential Therapeutic Agents for Healing Disorders. *Expert Review of Dermatology*. 2010 5 (6): 689–698.
- Subhagar, S., Aravindan, R., & Viruthagiri, T. Response surface optimization of mixed substrate solid state fermentation for the production of lovastatin by *Monascus purpureus*. *Engineering Life Science*. 9; 2009: 303–310.
- Subhagar, S., Aravindan, R., & Viruthagiri, T. Statistical optimization of anticholesterolemic drug lovastatin production by the red mold *Monascus purpureus*. *Food and Bioproducts Processing*. 88; 2010: 266–276.
- Survase Shrikant A., Nikhil S. Shaligram, Ruchir C. Pansuriya, Uday S. Annapure, and Rekha S. Singhal. A Novel Medium for the Enhanced Production of Cyclosporin A by *Tolypocladium inflatum* MTCC 557 Using Solid State Fermentation. *J. Microbiol. Biotechnol*. 19(5); 2009 : 462–467.
- Task Force Members, G. Montalescot, U. Sechtem, S. Achenbach, F. Andreotti, C. Arden, A. Budaj, et al. ESC Guidelines on the Management of Stable Coronary Artery Disease: The Task Force on the Management of Stable Coronary Artery Disease of the European Society of Cardiology. *European Heart Journal*. 2013 34 (38): 2949–3003.
- Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III) Final Report. *Circulation*. 2002 106 (25): 3143–3143.
- Tikiz, Canan, Ozan Utuk, Timur Pirildar, Ozgur Bayturan, Petek Bayindir, Fatma Taneli, Hakan Tikiz, and Cigdem Tuzun. Effects of Angiotensin-Converting Enzyme Inhibition and Statin Treatment on Inflammatory Markers

and Endothelial Functions in Patients with Longterm Rheumatoid Arthritis. *The Journal of Rheumatology*. 2005 32 (11): 2095–2101.

- Van den Bosch, Harrie C.M., and Louwerens D. Vos. Achilles'-Tendon Xanthoma in Familial Hypercholesterolemia. *The New England Journal of Medicine*. 1998 338 (22): 1591–1591.
- Varady, Krista A, and Peter J H Jones. Combination Diet and Exercise Interventions for the Treatment of Dyslipidemia: An Effective Preliminary Strategy to Lower Cholesterol Levels? *The Journal of Nutrition*. 2005 135 (8): 1829–35.
- Xie, Xinkai, and Yi Tang. Efficient Synthesis of Simvastatin by Use of Whole-Cell Biocatalysis. *Applied and Environmental Microbiology*. 2007 73 (7): 2054–2060.
- Ykema, Adriaantje, Hugo Streekstra, and Rudolf Luiten. Statin Production by Fermentation. 1999 Patent No. WO1999010499.
- Zaffer Ahmed, M., Panda, B. P., Javed, S., & Ali, M. Production of Mevastatin by Solid-State Fermentation Using Wheat Bran as Substrate. *Research Journal of Microbiology*. 1(5); 2006: 443–447.
- Zech, Loren A, and Jeffery M Hoeg. Correlating Corneal Arcus with Atherosclerosis in Familial Hypercholesterolemia. *Lipids in Health and Disease*. 2008 7:7.
- Zhen-Jun Zhao, You-Zhao Pan, Qin-Jin Liu, Xing-Hui Li . Exposure assessment of lovastatin in Pu-erh tea. *International Journal of Food Microbiology*. 164(1); 2013: 26–31.