Bibliography

Ajmal, M. R., Zaidi, N., Alam, P., Nusrat, S., Siddiqi, M. K., Badr, Khan, R. H. Insight into the Interaction of antitubercular and anticancer compound Clofazimine with Human Serum Albumin: spectroscopy and molecular modelling. *Journal of Biomolecular Structure and Dynamics, 35*(1), 46-57 (2017)

Alam, M. I., Beg, S., Samad, A., Baboota, S., Kohli, K., Ali, J., Akbar, M. Strategy for effective brain drug delivery. *European journal of pharmaceutical sciences, 40*(5), 385-403 (2010)

Almeida, A. J., & Souto, E. Solid lipid nanoparticles as a drug delivery system for peptides and proteins. *Advanced drug delivery reviews, 59*(6), 478-490 (2007)

Almeida, H., Lobão, P., Frigerio, C., Fonseca, J., Silva, R., Sousa Lobo, J. M., & Amaral, M. H. Preparation, characterization and biocompatibility studies of thermoresponsive eyedrops based on the combination of nanostructured lipid carriers (NLC) and the polymer Pluronic F-127 for controlled delivery of ibuprofen. *Pharmaceutical Development and Technology*, *22*(3), 336-349 (2017)

Anagnostopoulos, A. K., Stravopodis, D. J., & Tsangaris, G. T. Yield of 6,000 proteins by 1D nLC–MS/MS without pre-fractionation. *Journal of Chromatography B, 1047*, 92-96 (2017)

Anand, A., Arya, M., Singh, G., Kaithwas, G., & A Saraf, S. Design and Development of Resveratrol NLCs and their Role in Synaptic Transmission of Acetylcholine in C. elegans Model. *Current Drug Therapy, 12*(2), 134-148 (2017)

Andrés, A., Rosés, M., Ràfols, C., Bosch, E., Espinosa, S., Segarra, V., & Huerta, J. M. Setup and validation of shake-flask procedures for the determination of partition coefficients (logD) from low drug amounts. *European journal of pharmaceutical sciences, 76*, 181-191 (2015)

Aslam, M., Aqil, M., Ahad, A., Najmi, A. K., Sultana, Y., & Ali, A. Application of Box–Behnken design for preparation of glibenclamide loaded lipid based nanoparticles: optimization, in vitro skin permeation, drug release and in vivo pharmacokinetic study. *Journal of Molecular Liquids, 219*, 897-908 (2016)

Babazadeh, A., Ghanbarzadeh, B., & Hamishehkar, H. Formulation of food grade nanostructured lipid carrier (NLC) for potential applications in medicinal-functional foods. *Journal of Drug Delivery Science and Technology*, *39*, 50-58 (2017)

Baruah, U. K., Gowthamarajan, K., Ravisankar, V., Karri, V. V. S. R., Simhadri, P. K., & Singh, V. Optimisation of chloroquine phosphate loaded nanostructured lipid carriers using Box–Behnken design and its antimalarial efficacy. *Journal of drug targeting*, 1-16 (2017)

Bates, J. H. Tuberculosis chemotherapy. The need for new antituberculosis drugs is urgent. *American journal of respiratory and critical care medicine, 151*(4), 942-943 (1995)

Beg, S., Saini, S., Bandopadhyay, S., Katare, O., & Singh, B. QbD-driven development and evaluation of nanostructured lipid carriers (NLCs) of Olmesartan medoxomil employing multivariate statistical techniques. *Drug development and industrial pharmacy*, 1-14 (2017)

Benet, L. Z., Broccatelli, F., & Oprea, T. I. BDDCS applied to over 900 drugs. *The AAPS journal, 13*(4), 519-547 (2011)

Bhise, K., Kashaw, S. K., Sau, S., & Iyer, A. K. Nanostructured lipid carriers employing polyphenols as promising anticancer agents: Quality by design (QbD) approach. *International journal of pharmaceutics, 526*(1), 506-515 (2017)

Blanchet, B., Saboureau, C., Benichou, A. S., Billemont, B., Taieb, F., Ropert, S.,. Tod, M. Development and validation of an HPLC-UV-visible method for sunitinib quantification in human plasma. *Clinica Chimica Acta, 404*(2), 134-139 (2009)

Blasi, P., Giovagnoli, S., Schoubben, A., Ricci, M., & Rossi, C. Solid lipid nanoparticles for targeted brain drug delivery. *Advanced drug delivery reviews, 59*(6), 454-477 (2007)

Bondì, M. L., Azzolina, A., Craparo, E. F., Botto, C., Amore, E., Giammona, G., & Cervello, M. Entrapment of an EGFR inhibitor into nanostructured lipid carriers (NLC) improves its antitumor activity against human hepatocarcinoma cells. *Journal of nanobiotechnology, 12*(1), 21 (2014)

Bordería, A. V., Codoñer, F. M., & Sanjuán, R. Selection Promotes Organ Compartmentalization In HIV-1: Evidence From Gag And Pol Genes. *Evolution, 61*(2), 272-279 (2007)

Broz, P., Driamov, S., Ziegler, J., Ben-Haim, N., Marsch, S., Meier, W., & Hunziker, P. Toward intelligent nanosize bioreactors: a pH-switchable, channel-equipped, functional polymer nanocontainer. *Nano Letters, 6*(10), 2349-2353 (2006)

Byadagi, K., Meti, M., Nandibewoor, S., & Chimatadar, S. Investigation of binding behaviour of procainamide hydrochloride with human serum albumin using synchronous, 3D fluorescence and circular dichroism. *Journal of Pharmaceutical Analysis, 7*(2), 103-109 (2017)

Byrne, J. D., Betancourt, T., & Brannon-Peppas, L. Active targeting schemes for nanoparticle systems in cancer therapeutics. *Advanced drug delivery reviews, 60*(15), 1615-1626 (2008)

Caminero, J. A., Sotgiu, G., Zumla, A., & Migliori, G. B. Best drug treatment for multidrug-resistant and extensively drug-resistant tuberculosis. *The Lancet infectious diseases, 10*(9), 621-629 (2010)

Cappelier, J., Minet, J., Magras, C., Colwell, R., & Federighi, M. Recovery in embryonated eggs of viable but nonculturable Campylobacter jejuni cells and maintenance of ability to adhere to HeLa cells after resuscitation. *Applied and Environmental Microbiology, 65*(11), 5154-5157 (1999)

Chao, C.-H., Wen, Z.-H., Wu, Y.-C., Yeh, H.-C., & Sheu, J.-H. Cytotoxic and anti-inflammatory cembranoids from the soft coral Lobophytum crassum. *Journal of natural products, 71*(11), 1819-1824 (2008)

Chen, J., Liu, H., Weimer, W. A., Halls, M. D., Waldeck, D. H., & Walker, G. C. Noncovalent engineering of carbon nanotube surfaces by rigid, functional conjugated polymers. *Journal of the American Chemical Society, 124*(31), 9034-9035 (2002)

Control, C. f. D., & Prevention. Emergence of Mycobacterium tuberculosis with extensive resistance to second-line drugs--worldwide, 2000-2004. *MMWR. Morbidity and mortality weekly report, 55*(11), 301 (2006)

Costa, A., Pinheiro, M., Magalhães, J., Ribeiro, R., Seabra, V., Reis, S., & Sarmento, B. The formulation of nanomedicines for treating tuberculosis. *Advanced drug delivery reviews, 102*, 102-115 (2016)

Csaba, N., Caamaño, P., Sánchez, A., Domínguez, F., & Alonso, M. J. PLGA: poloxamer and PLGA: poloxamine blend nanoparticles: new carriers for gene delivery. *Biomacromolecules, 6*(1), 271-278 (2005)

Curry, D. J., Wright, D. A., Lee, R. C., Kang, U. J., & Frim, D. M. Surfactant poloxamer 188-related decreases in inflammation and tissue damage after experimental brain injury in rats. *Journal of Neurosurgery: Pediatrics, 101*(2), 91-96 (2004)

Das, S., Ghosh, S., De, A. K., & Bera, T. Oral delivery of ursolic acid-loaded nanostructured lipid carrier coated with chitosan oligosaccharides: Development, characterization, in vitro and in vivo assessment for the therapy of leishmaniasis. *International journal of biological macromolecules, 102*, 996-1008 (2017)

Dave, K., Alsharif, F. M., & Perumal, O. Transpapillary (Nipple) Delivery of Macromolecules to the Breast: Proof of Concept Study. *Molecular pharmaceutics, 13*(11), 3842-3851 (2016)

Delmas, T., Fraichard, A., Bayle, P.-A., Texier, I., Bardet, M., Baudry, J., Couffin, A.-C. Encapsulation and release behavior from lipid nanoparticles: Model study with nile red fluorophore. *Journal of Colloid Science and Biotechnology, 1*(1), 16-25 (2012)

Derycke, A. S., & de Witte, P. A. Liposomes for photodynamic therapy. *Advanced drug delivery reviews, 56*(1), 17-30 (2004)

Doktorovova, S., Shegokar, R., & Souto, E. B. (2017). Role of Excipients in formulation development and biocompatibility of lipid nanoparticles (SLNs/NLCs) *Nanostructures for Novel Therapy* (pp. 811-843): Elsevier.

Du Toit, L. C., Pillay, V., & Danckwerts, M. P. Tuberculosis chemotherapy: current drug delivery approaches. *Respiratory research, 7*(1), 118 (2006)

Du Toit, L. C., Pillay, V., & Danckwerts, M. P. Tuberculosis chemotherapy: current drug delivery approaches. *Respiratory research, 7*(1), 118 (2006)

Dutt, M., & Khuller, G. Sustained release of isoniazid from a single injectable dose of poly

(DL-lactide-co-glycolide) microparticles as a therapeutic approach towards tuberculosis. *International journal of antimicrobial agents*, *17*(2), 115-122 (2001)

Else, L., Watson, V., Tjia, J., Hughes, A., Siccardi, M., Khoo, S., & Back, D. Validation of a rapid and sensitive high-performance liquid chromatography–tandem mass spectrometry (HPLC–MS/MS) assay for the simultaneous determination of existing and new antiretroviral compounds. *Journal of Chromatography B*, *878*(19), 1455-1465 (2010)

Fan, Y., Shi, L. M., Kohn, K. W., Pommier, Y., & Weinstein, J. N. Quantitative structure-antitumor activity relationships of camptothecin analogues: cluster analysis and genetic algorithm-based studies. *Journal of medicinal chemistry*, *44*(20), 3254-3263 (2001)

Ferrari, E., De Palma, A., & Mauri, P. Emerging MS-based platforms for the characterization of tumor-derived exosomes isolated from human biofluids: challenges and promises of MudPIT. *Expert review of proteomics*, *14*(9), 757-767 (2017)

Ferreira, M., Chaves, L. L., Lima, S. A. C., & Reis, S. Optimization of nanostructured lipid carriers loaded with methotrexate: a tool for inflammatory and cancer therapy. *International journal of pharmaceutics*, *492*(1), 65-72 (2015)

Filler, R., & Saha, R. Fluorine in medicinal chemistry: a century of progress and a 60-year retrospective of selected highlights. *Future*, *1*(5), 777-791 (2009)

Folkers, G. K., & Fauci, A. S. The AIDS research model: implications for other infectious diseases of global health importance. *JAMA*, *286*(4), 458-461 (2001)

Fukushima, H., Katsube, K., Hata, Y., Kishi, R., & Fujiwara, S. Rapid separation and concentration of food-borne pathogens in food samples prior to quantification by viable-cell counting and real-time PCR. *Applied and Environmental Microbiology*, *73*(1), 92-100 (2007)

Gandhi, N. R., Nunn, P., Dheda, K., Schaaf, H. S., Zignol, M., Van Soolingen, D., Bayona, J. Multidrug-resistant and extensively drug-resistant tuberculosis: a threat to global control of tuberculosis. *The Lancet*, *375*(9728), 1830-1843 (2010)

Gandhi, N. R., Shah, N. S., Andrews, J. R., Vella, V., Moll, A. P., Scott, M., . . . Friedland, G. H. HIV coinfection in multidrug-and extensively drug-resistant tuberculosis results in high early mortality. *American journal of respiratory and critical care medicine*, *181*(1), 80-86 (2010)

Garg, N. K., Sharma, G., Singh, B., Nirbhavane, P., Tyagi, R. K., Shukla, R., & Katare, O. Quality by Design (QbD)-enabled development of aceclofenac loaded-nano structured lipid carriers (NLCs): An improved dermatokinetic profile for inflammatory disorder (s). *International journal of pharmaceutics*, *517*(1), 413-431 (2017)

Garrison, F. H. The Romantic Episode in the History of German Medicine. *Bulletin of the New York Academy of Medicine*, *7*(11), 841 (1931)

Gaspar, D. P., Faria, V., Quintas, J. P., & Almeida, A. J. Targeted Delivery of Lipid Nanoparticles by Means of Surface Chemical Modification. *Current Organic Chemistry*, *21*(23), 2360-2375 (2017)

Gaspar, M. M., Neves, S., Portaels, F., Pedrosa, J., Silva, M. T., & Cruz, M. E. M. Therapeutic efficacy of liposomal rifabutin in a Mycobacterium avium model of infection. *Antimicrobial agents and chemotherapy*, *44*(9), 2424-2430 (2000)

Gelperina, S., Kisich, K., Iseman, M. D., & Heifets, L. The potential advantages of nanoparticle drug delivery systems in chemotherapy of tuberculosis. *American journal of respiratory and critical care medicine*, *172*(12), 1487-1490 (2005)

Gokce, E. H., Ozyazici, M., & Souto, E. B. Nanoparticulate strategies for effective delivery of poorly soluble therapeutics. *Therapeutic delivery*, *1*(1), 149-167 (2010)

Goldman, R. C., Plumley, K. V., & Laughon, B. E. The evolution of extensively drug resistant tuberculosis (XDR-TB): history, status and issues for global control. *Infectious Disorders-Drug Targets (Formerly Current Drug Targets-Infectious Disorders)*, *7*(2), 73-91 (2007)

González-Mira, E., Nikolić, S., Garcia, M., Egea, M., Souto, E., & Calpena, A. Potential use of nanostructured lipid carriers for topical delivery of flurbiprofen. *Journal of pharmaceutical sciences*, *100*(1), 242-251 (2011)

Goto, H. Electrochemical polymerization of pyrrole in cholesteric liquid crystals: Morphology and optical properties. *Journal of Polymer Science Part A: Polymer Chemistry, 45*(8), 1377-1387 (2007)

Grandin, T. Assessment of stress during handling and transport. *Journal of animal science, 75*(1), 249-257 (1997)

Griffiths, G., Nyström, B., Sable, S. B., & Khuller, G. K. Nanobead-based interventions for the treatment and prevention of tuberculosis. *Nature Reviews Microbiology, 8*(11), 827-834 (2010)

Guidi-Rontani, C., Weber-Levy, M., Labruyere, E., & Mock, M. Germination of Bacillus anthracis spores within alveolar macrophages. *Molecular microbiology, 31*(1), 9-17 (1999)

Guy, E. S., & Mallampalli, A. Managing TB in the 21st century: existing and novel drug therapies. *Therapeutic advances in respiratory disease, 2*(6), 401-408 (2008)

Hamzeh, F. M., Benson, C., Gerber, J., Currier, J., McCrea, J., Deutsch, P., Flexner, C. Steady-state pharmacokinetic interaction of modified-dose indinavir and rifabutin. *Clinical Pharmacology & Therapeutics, 73*(3), 159-169 (2003)

Harisa, G. I., Alomrani, A. H., & Badran, M. M. Simvastatin-loaded nanostructured lipid carriers attenuate the atherogenic risk of erythrocytes in hyperlipidemic rats. *European journal of pharmaceutical sciences, 96*, 62-71 (2017)

Health, U. D. o., & Services, H. Healthy People 2000: National Health Promotion and Disease Prevention Objectives-Nutrition Priority Area. *Nutrition Today, 25*(6), 29-39 (1990)

Hentschel, A., Gramdorf, S., Müller, R., & Kurz, T. β-Carotene-loaded nanostructured lipid carriers. *Journal of food science, 73*(2) (2008)

Hillaireau, H., & Couvreur, P. Nanocarriers' entry into the cell: relevance to drug delivery. *Cellular and Molecular Life Sciences, 66*(17), 2873-2896 (2009)

Hillegass, J. M., Shukla, A., Lathrop, S. A., MacPherson, M. B., Fukagawa, N. K., & Mossman, B. T. Assessing nanotoxicity in cells in vitro. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2*(3), 219-231 (2010)

Hoellenriegel, J., Meadows, S. A., Sivina, M., Wierda, W. G., Kantarjian, H., Keating, M. J., Miller, L. L. The phosphoinositide 3′-kinase delta inhibitor, CAL-101, inhibits B-cell receptor signaling and chemokine networks in chronic lymphocytic leukemia. *Blood, 118*(13), 3603-3612 (2011)

Hoffman, A. S. The origins and evolution of "controlled" drug delivery systems. *Journal of Controlled Release, 132*(3), 153-163 (2008)

Hogben, C. A. M., Tocco, D. J., Brodie, B. B., & Schanker, L. S. On the mechanism of intestinal absorption of drugs. *Journal of Pharmacology and Experimental Therapeutics, 125*(4), 275-282 (1959)

Homman-Loudiyi, M., Hultenby, K., Britt, W., & Söderberg-Nauclér, C. Envelopment of human cytomegalovirus occurs by budding into Golgi-derived vacuole compartments positive for gB, Rab 3, trans-Golgi network 46, and mannosidase II. *Journal of virology, 77*(5), 3191-3203 (2003)

Horvath, L., Magrez, A., Golberg, D., Zhi, C., Bando, Y., Smajda, R., Schwaller, B. In vitro investigation of the cellular toxicity of boron nitride nanotubes. *ACS Nano, 5*(5), 3800-3810 (2011)

Jaafar-Maalej, C., Andrieu, V., Elaissari, A., & Fessi, H. Beclomethasone-loaded lipidic nanocarriers for pulmonary drug delivery: Preparation, characterization and in vitro drug release. *Journal of Nanoscience and Nanotechnology, 11*(3), 1841-1851 (2011)

Jaafar-Maalej, C., Andrieu, V., Elaissari, A., & Fessi, H. Beclomethasone-loaded lipidic nanocarriers for pulmonary drug delivery: Preparation, characterization and in vitro drug release. *Journal of Nanoscience and Nanotechnology, 11*(3), 1841-1851 (2011)

Jain, R. A. The manufacturing techniques of various drug loaded biodegradable poly (lactide-co-glycolide)(PLGA) devices. *Biomaterials, 21*(23), 2475-2490 (2000)

Jain, S., Patel, N., Shah, M. K., Khatri, P., & Vora, N. Recent advances in lipid-based vesicles and particulate carriers for topical and transdermal application. *Journal of pharmaceutical sciences, 106*(2), 423-445 (2017)

Jaramillo, E. (2008). *Guidelines for the programmatic management of drug-resistant tuberculosis*: World Health Organization.

Jing, D., Parikh, A., & Tzanakakis, E. S. Cardiac cell generation from encapsulated embryonic stem cells in static and scalable culture systems. *Cell transplantation, 19*(11), 1397-1412 (2010)

Juette, M. F., Gould, T. J., Lessard, M. D., Mlodzianoski, M. J., Nagpure, B. S., Bennett, B. T., Bewersdorf, J. Three-dimensional sub–100 nm resolution fluorescence microscopy of thick samples. *Nature methods, 5*(6), 527-529 (2008)

Kakkar, V., Singh, S., Singla, D., & Kaur, I. P. Exploring solid lipid nanoparticles to enhance the oral bioavailability of curcumin. *Molecular nutrition & food research, 55*(3), 495-503 (2011)

Kakkar, V., Singh, S., Singla, D., & Kaur, I. P. Exploring solid lipid nanoparticles to enhance the oral bioavailability of curcumin. *Molecular nutrition & food research, 55*(3), 495-503 (2011)

Karpman, D., Håkansson, A., Perez, M.-T. R., Isaksson, C., Carlemalm, E., Caprioli, A., & Svanborg, C. Apoptosis of renal cortical cells in the hemolytic-uremic syndrome: in vivo and in vitro studies. *Infection and immunity, 66*(2), 636-644 (1998)

Kastbjerg, V. G., Nielsen, D. S., Arneborg, N., & Gram, L. Response of Listeria monocytogenes to disinfection stress at the single-cell and population levels as monitored by intracellular pH measurements and viable-cell counts. *Applied and Environmental Microbiology, 75*(13), 4550-4556 (2009)

Katouzian, I., Esfanjani, A. F., Jafari, S. M., & Akhavan, S. Formulation and application of a new generation of lipid nano-carriers for the food bioactive ingredients. *Trends in Food Science & Technology, 68*, 14-25 (2017)

Khachi, H., O'connell, R., Ladenheim, D., & Orkin, C. Pharmacokinetic interactions between rifabutin and lopinavir/ritonavir in HIV-infected patients with mycobacterial co-infection. *Journal of Antimicrobial Chemotherapy, 64*(4), 871-873 (2009)

Khan, F. A., Minion, J., Pai, M., Royce, S., Burman, W., Harries, A. D., & Menzies, D. Treatment of active tuberculosis in HIV-coinfected patients: a systematic review and meta-analysis. *Clinical Infectious Diseases, 50*(9), 1288-1299 (2010)

Kiparissides, C., & Kammona, O. Nanoscale carriers for targeted delivery of drugs and therapeutic biomolecules. *The Canadian Journal of Chemical Engineering, 91*(4), 638-651 (2013)

Kleiner, D. E., Chalasani, N. P., Lee, W. M., Fontana, R. J., Bonkovsky, H. L., Watkins, P. B., Reddy, R. Hepatic histological findings in suspected drug-induced liver injury: Systematic evaluation and clinical associations. *Hepatology, 59*(2), 661-670 (2014)

Kreuter, J. Drug targeting with nanoparticles. *European journal of drug metabolism and pharmacokinetics, 19*(3), 253-256 (1994)

Kruk, M. Access to ultralarge-pore ordered mesoporous materials through selection of surfactant/swelling-agent micellar templates. *Accounts of chemical research, 45*(10), 1678-1687 (2012)

Kulkarni, S., & Thareja, P. Suspensions of titania nanoparticle networks in nematic liquid crystals: rheology and microstructure. *Rheologica Acta, 56*(10), 825-840 (2017)

Kumar, P. R., Shyale, S., Gouda, M. M., & Kumar, S. A sensitive UV spectrophotometric analytical method development, validation and preformulation studies of clarithromycin. *Research Journal of Pharmacy and Technology, 4*(2), 242-246 (2011)

Kumar, S., & Mishra, A. Optimization of laccase production from WRF-1 on groundnut shell and cyanobacterial biomass: By application of Box-Behnken experimental design. *Journal of Microbiology and Biotechnology Research, 1*(2), 33-53 (2017)

Kuok, K. I., Li, S., Wyman, I. W., & Wang, R. Cucurbit [7] uril: an emerging candidate for pharmaceutical excipients. *Annals of the New York Academy of Sciences, 1398*(1), 108-119 (2017)

Lasoń, E., Sikora, E., Miastkowska, M., Socha, P., & Ogonowski, J. NLC delivery systems for alpha lipoic acid: Physicochemical characteristics and release study. *Colloids and Surfaces A: Physicochemical and Engineering Aspects, 532*, 57-62 (2017)

Laxminarayan, R., Duse, A., Wattal, C., Zaidi, A. K., Wertheim, H. F., Sumpradit, N., . . . Goossens, H. Antibiotic resistance-the need for global solutions. *The Lancet infectious diseases, 13*(12), 1057-1098 (2013)

LeBel, M., Masson, E., Guilbert, E., Colborn, D., Paquet, F., Allard, S., . . . Narang, P. K. Effects of rifabutin and rifampicin on the pharmacokinetics of ethinylestradiol and norethindrone. *The Journal of Clinical Pharmacology*, *38*(11), 1042-1050 (1998)

Lee, J. B., Lee, J. E., Park, J. H., Kim, S. J., Kim, M. K., Roh, S. I., & Yoon, H. S. Establishment and maintenance of human embryonic stem cell lines on human feeder cells derived from uterine endometrium under serum-free condition. *Biology of Reproduction*, *72*(1), 42-49 (2005)

Li, Q., Cai, T., Huang, Y., Xia, X., Cole, S. P., & Cai, Y. A Review of the Structure, Preparation, and Application of NLCs, PNPs, and PLNs. *Nanomaterials*, *7*(6), 122 (2017)

Liu, L., Xu, Y., Shea, C., Fowler, J. S., Hooker, J. M., & Tonge, P. J. Radiosynthesis and bioimaging of the tuberculosis chemotherapeutics isoniazid, rifampicin and pyrazinamide in baboons. *Journal of medicinal chemistry*, *53*(7), 2882-2891 (2010)

Liu, Q., Jin, C., Wang, Y., Fang, X., Zhang, X., Chen, Z., & Tan, W. Aptamer-conjugated nanomaterials for specific cancer cell recognition and targeted cancer therapy. *NPG Asia Materials*, *6*(4), e95 (2014)

Liu, Y., Ibricevic, A., Cohen, J. A., Cohen, J. L., Gunsten, S. P., Fréchet, J. M., . . . Brody, S. L. Impact of hydrogel nanoparticle size and functionalization on in vivo behavior for lung imaging and therapeutics. *Molecular pharmaceutics*, *6*(6), 1891-1902 (2009)

Liu, Z.-Q., Luo, X.-Y., Liu, G.-Z., Chen, Y.-P., Wang, Z.-C., & Sun, Y.-X. In vitro study of the relationship between the structure of ginsenoside and its antioxidative or prooxidative activity in free radical induced hemolysis of human erythrocytes. *Journal of agricultural and food chemistry*, *51*(9), 2555-2558 (2003)

Mack, U., Migliori, G., Sester, M., Rieder, H., Ehlers, S., Goletti, D., .Kampmann, B. LTBI: latent tuberculosis infection or lasting immune responses to M. tuberculosis A TBNET consensus statement. *European Respiratory Journal*, *33*(5), 956-973 (2009)

Maiti, S., & Sen, K. K. (2016). *Bio-Targets and Drug Delivery Approaches*: CRC Press.

Marks, J. D., Pan, C.-y., Bushell, T., Cromie, W., & Lee, R. C. Amphiphilic, tri-block copolymers provide potent membrane-targeted neuroprotection. *The FASEB Journal, 15*(6), 1107-1109 (2001)

Mathers, C. D., Boerma, T., & Ma Fat, D. Global and regional causes of death. *British medical bulletin, 92*(1), 7-32 (2009)

McFeeters, R., & Barish, A. Sulfite analysis of fruits and vegetables by high-performance liquid chromatography (HPLC) with ultraviolet spectrophotometric detection. *Journal of agricultural and food chemistry, 51*(6), 1513-1517 (2003)

Meijering, E., Jacob, M., Sarria, J. C., Steiner, P., Hirling, H., & Unser, M. Design and validation of a tool for neurite tracing and analysis in fluorescence microscopy images. *Cytometry Part A, 58*(2), 167-176 (2004)

Meintjes, G., Rabie, H., Wilkinson, R. J., & Cotton, M. F. Tuberculosis-associated immune reconstitution inflammatory syndrome and unmasking of tuberculosis by antiretroviral therapy. *Clinics in chest medicine, 30*(4), 797-810 (2009)

Minz, S., & Pandey, R. S. Lipid A adjuvanted Chylomicron Mimicking Solid Fat Nanoemulsions for Immunization Against Hepatitis B. *AAPS PharmSciTech*, 1-14 (2017)

Mishra, B., Sahoo, J., & Dixit, P. K. Formulation and process optimization of naproxen nanosuspensions stabilized by hydroxy propyl methyl cellulose. *Carbohydrate Polymers, 127*, 300-308 (2015)

Moyle, G., Buss, N., Goggin, T., Snell, P., Higgs, C., & Hawkins, D. Interaction between saquinavir soft-gel and rifabutin in patients infected with HIV. *British journal of clinical pharmacology, 54*(2), 178-182 (2002)

Mozafari, M. R. (2006). Bioactive entrapment and targeting using nanocarrier technologies: an introduction *Nanocarrier technologies* (pp. 1-16): Springer.

MuÈller, R. H., MaÈder, K., & Gohla, S. Solid lipid nanoparticles (SLN) for controlled drug delivery–a review of the state of the art. *European Journal of Pharmaceutics and Biopharmaceutics, 50*(1), 161-177 (2000)

Müller, R., Petersen, R., Hommoss, A., & Pardeike, J. Nanostructured lipid carriers (NLC) in cosmetic dermal products. *Advanced drug delivery reviews, 59*(6), 522-530 (2007)

Müller-Goymann, C. Physicochemical characterization of colloidal drug delivery systems such as reverse micelles, vesicles, liquid crystals and nanoparticles for topical administration. *European Journal of Pharmaceutics and Biopharmaceutics, 58*(2), 343-356 (2004)

Muñiz-Valencia, R., Ceballos-Magaña, S. G., Rosales-Martinez, D., Gonzalo-Lumbreras, R., Santos-Montes, A., Cubedo-Fernandez-Trapiella, A., & Izquierdo-Hornillos, R. C. Method development and validation for melamine and its derivatives in rice concentrates by liquid chromatography. Application to animal feed samples. *Analytical and bioanalytical chemistry, 392*(3), 523-531 (2008)

Murdoch, M., Waterhouse, G., Nadeem, M., Metson, J., Keane, M., Howe, R., Idriss, H. The effect of gold loading and particle size on photocatalytic hydrogen production from ethanol over Au/TiO 2 nanoparticles. *Nature Chemistry, 3*(6), 489 (2011)

Muthukumar, M., Mohan, D., & Rajendran, M. Optimization of mix proportions of mineral aggregates using Box Behnken design of experiments. *Cement and Concrete Composites, 25*(7), 751-758 (2003)

Muttil, P., Kaur, J., Kumar, K., Yadav, A. B., Sharma, R., & Misra, A. Inhalable microparticles containing large payload of anti-tuberculosis drugs. *European journal of pharmaceutical sciences, 32*(2), 140-150 (2007)

Na, K., Lee, T. B., Park, K.-H., Shin, E.-K., Lee, Y.-B., & Choi, H.-K. Self-assembled nanoparticles of hydrophobically-modified polysaccharide bearing vitamin H as a targeted anti-cancer drug delivery system. *European journal of pharmaceutical sciences, 18*(2), 165-173 (2003)

Nagaich, U., & Gulati, N. Nanostructured lipid carriers (NLC) based controlled release topical gel of clobetasol propionate: design and in vivo characterization. *Drug delivery and translational research, 6*(3), 289-298 (2016)

Narvekar, M., Xue, H. Y., Eoh, J. Y., & Wong, H. L. Nanocarrier for poorly water-soluble anticancer drugs-barriers of translation and solutions. *AAPS PharmSciTech, 15*(4), 822-833 (2014)

Nelson, L., & Wells, C. Global epidemiology of childhood tuberculosis [Childhood TB]. *The International journal of Tuberculosis and lung Disease, 8*(5), 636-647 (2004)

Nighute, A., & Bhise, S. Enhancement of dissolution rate of rifabutin by preparation of microcrystals using solvent change method. *drugs, 2*, 3 (2009)

Nimje, N., Agarwal, A., Saraogi, G. K., Lariya, N., Rai, G., Agrawal, H., & Agrawal, G. Mannosylated nanoparticulate carriers of rifabutin for alveolar targeting. *Journal of drug targeting, 17*(10), 777-787 (2009)

Nirbhavane, P., Vemuri, N., Kumar, N., & Khuller, G. K. Lipid Nanocarrier-Mediated Drug Delivery System to Enhance the Oral Bioavailability of Rifabutin. *AAPS PharmSciTech, 18*(3), 829-837 (2017)

Nori, A., & Kopeček, J. Intracellular targeting of polymer-bound drugs for cancer chemotherapy. *Advanced drug delivery reviews, 57*(4), 609-636 (2005)

Obeidat, W. M., Schwabe, K., Müller, R. H., & Keck, C. M. Preservation of nanostructured lipid carriers (NLC). *European Journal of Pharmaceutics and Biopharmaceutics, 76*(1), 56-67 (2010)

Oddo, M., Renno, T., Attinger, A., Bakker, T., MacDonald, H. R., & Meylan, P. R. Fas ligand-induced apoptosis of infected human macrophages reduces the viability of intracellular Mycobacterium tuberculosis. *The Journal of Immunology, 160*(11), 5448-5454 (1998)

Pandey, R., & Khuller, G. Nanotechnology based drug delivery system (s) for the management of tuberculosis. (2006)

Pandey, R., Zahoor, A., Sharma, S., & Khuller, G. Nanoparticle encapsulated antitubercular drugs as a potential oral drug delivery system against murine tuberculosis. *Tuberculosis, 83*(6), 373-378 (2003)

Parikh, S. K., Patel, A. D., Dave, J., Patel, C., & Sen, D. Development and validation of UV Spectrophotometric method for estimation of itraconazole bulk drug and pharmaceutical formulation. *International Journal of Drug Development and Research* (2011)

Park, J. H., Kim, S. J., Oh, E. J., Moon, S. Y., Roh, S. I., Kim, C. G., & Yoon, H. S. Establishment and maintenance of human embryonic stem cells on STO, a permanently growing cell line. *Biology of Reproduction, 69*(6), 2007-2014 (2003)

Pasinetti, G. M., Ho, L., Cheng, H., Wang, J., Simon, J. E., Wu, Q.-L., . . . Faith, J. A comprehensive database and analysis framework to incorporate multiscale data types and enable integrated analysis of bioactive polyphenols. *Molecular pharmaceutics* (2017)

Pearson, M. L., Jereb, J. A., Frieden, T. R., Crawford, J. T., Davis, B. J., Dooley, S. W., & Jarvis, W. R. Nosocomial transmission of multidrug-resistant mycobacterium tuberculosisa risk to patients and health care workers. *Annals of internal medicine, 117*(3), 191-196 (1992)

Peng, H., Hall, K. M., Clayton, B., Wiltberger, K., Hu, W., Hughes, E., Ryll, T. Development of small scale cell culture models for screening poloxamer 188 lot-to-lot variation. *Biotechnology progress, 30*(6), 1411-1418 (2014)

Penney, S. M. Inventing the cure: Tuberculosis in twentieth century Nova Scotia. (1990)

Pham, D.-D., Fattal, E., & Tsapis, N. Pulmonary drug delivery systems for tuberculosis treatment. *International journal of pharmaceutics, 478*(2), 517-529 (2015)

Phatak, A. A., & Chaudhari, P. D. Development and evaluation of Nanostructured Lipid Carrier (NLC) based topical delivery of an anti-inflammatory drug. *Journal of Pharmacy Research, 7*(8), 677-685 (2013)

Pieters, R., Loonen, A., Huismans, D., Broekema, G., Dirven, M., Heyenbrok, M., Veerman, A. In vitro drug sensitivity of cells from children with leukemia using the MTT assay with improved culture conditions. *Blood, 76*(11), 2327-2336 (1990)

Polk, R. E., Brophy, D. F., Israel, D. S., Patron, R., Sadler, B. M., Chittick, G. E., Stein, D. Pharmacokinetic interaction between amprenavir and rifabutin or rifampin in healthy males. *Antimicrobial agents and chemotherapy, 45*(2), 502-508 (2001)

Pomerantz, B. J., Cleveland, J. C., Olson, H. K., & Pomerantz, M. Pulmonary resection for multi–drug resistant tuberculosis. *The Journal of thoracic and cardiovascular surgery, 121*(3), 448-453 (2001)

Priya, A. S., Sivakamavalli, J., Vaseeharan, B., & Stalin, T. Improvement on dissolution rate of inclusion complex of Rifabutin drug with β-cyclodextrin. *International journal of biological macromolecules, 62*, 472-480 (2013)

Pruden, A. (2013). Balancing water sustainability and public health goals in the face of growing concerns about antibiotic resistance: ACS Publications.

Pugh, C. W., MAcPHERSON, G. G., & Steer, H. W. Characterization of nonlymphoid cells derived from rat peripheral lymph. *Journal of Experimental Medicine, 157*(6), 1758-1779 (1983)

Puglia, C., Lauro, M. R., Offerta, A., Crascì, L., Micicchè, L., Panico, A. M., Puglisi, G. Nanostructured lipid carriers (NLC) as vehicles for topical administration of sesamol: In vitro percutaneous absorption study and evaluation of antioxidant activity. *Planta medica, 83*(05), 398-404 (2017)

Pundir, R., Singh, G., Pandey, A. A., & Saraf, S. A. Demand of herbal hepatoprotective formulations in Lucknow-A Survey. *Pharm Res, 1*, 23-33 (2009)

Rawat, M. K., Jain, A., & Singh, S. In vivo and cytotoxicity evaluation of repaglinide-loaded binary solid lipid nanoparticles after oral administration to rats. *Journal of pharmaceutical sciences, 100*(6), 2406-2417 (2011)

Rizwanullah, M., Amin, S., & Ahmad, J. Improved pharmacokinetics and antihyperlipidemic efficacy of rosuvastatin-loaded nanostructured lipid carriers. *Journal of drug targeting, 25*(1), 58-74 (2017)

Rolling, T., Agbenyega, T., Issifou, S., Adegnika, A. A., Sylverken, J., Spahlinger, D., May, J. Delayed hemolysis after treatment with parenteral artesunate in African children with severe malaria—a double-center prospective study. *The Journal of infectious diseases, 209*(12), 1921-1928 (2013)

Rosqvist, R., Forsberg, A., & Wolf-Watz, H. Intracellular targeting of the Yersinia YopE cytotoxin in mammalian cells induces actin microfilament disruption. *Infection and immunity, 59*(12), 4562-4569 (1991)

Sabzichi, M., Mohammadian, J., Ghorbani, M., Saghaei, S., Chavoshi, H., Ramezani, F., & Hamishehkar, H. Fabrication of all-trans-retinoic acid-loaded biocompatible precirol:

A strategy for escaping dose-dependent side effects of doxorubicin. *Colloids and Surfaces B: Biointerfaces*, *159*, 620-628 (2017)

Sachs, J. The end of poverty: economic possibilities for our time. *European Journal of Dental Education*, *12*(s1), 17-21 (2008)

Sahu, A. K., & Jain, V. Screening of process variables using Plackett–Burman design in the fabrication of gedunin-loaded liposomes. *Artificial cells, nanomedicine, and biotechnology*, *45*(5), 1011-1022 (2017)

Sánchez-López, E., Espina, M., Doktorovova, S., Souto, E., & García, M. Lipid nanoparticles (SLN, NLC): Overcoming the anatomical and physiological barriers of the eye–Part II-Ocular drug-loaded lipid nanoparticles. *European Journal of Pharmaceutics and Biopharmaceutics*, *110*, 58-69 (2017)

Saravanan, M., Duche, K., Asmelash, T., Gebreyesus, A., Nanda, A., & Arokiyaraj, S. Nanomedicine as a Newly Emerging Approach Against Multidrug-Resistant Tuberculosis (MDR-TB). *Integrating Biologically-Inspired Nanotechnology into Medical Practice*, 50 (2016)

Savale, S., & Mahajan, H. UV Spectrophotometric Method Development and Validation for Quantitative Estimation of Diclofenac Sodium. *Asian Journal of Biomaterial Research*, *3*(2), 40-43 (2017)

Schaaf, H. S., Gie, R. P., Kennedy, M., Beyers, N., Hesseling, P. B., & Donald, P. R. Evaluation of young children in contact with adult multidrug-resistant pulmonary tuberculosis: a 30-month follow-up. *Pediatrics*, *109*(5), 765-771 (2002)

Sekar, V., Lavreys, L., Van de Casteele, T., Berckmans, C., Spinosa-Guzman, S., Vangeneugden, T., Hoetelmans, R. Pharmacokinetics of darunavir/ritonavir and rifabutin coadministered in HIV-negative healthy volunteers. *Antimicrobial agents and chemotherapy*, *54*(10), 4440-4445 (2010)

Selvamuthukumar, S., & Velmurugan, R. Nanostructured lipid carriers: a potential drug carrier for cancer chemotherapy. *Lipids in health and disease*, *11*(1), 159 (2012)

Sengupta, S., Eavarone, D., Capila, I., Zhao, G., Watson, N., Kiziltepe, T., & Sasisekharan, R. Temporal targeting of tumour cells and neovasculature with a nanoscale delivery system. *Nature, 436*(7050), 568-572 (2005)

Serbest, G., Horwitz, J., & Barbee, K. The effect of poloxamer-188 on neuronal cell recovery from mechanical injury. *Journal of neurotrauma, 22*(1), 119-132 (2005)

Sharma, K., Agrawal, S., & Gupta, M. Development and Validation of UV s pectrophotometric method for the estimation of Curcumin in Bulk Drug and Pharmaceutical Dosage Forms. *International Journal of Drug Development and Research* (2012)

Sikes, R. S., Gannon, W. L., Care, A., & Mammalogists, U. C. o. t. A. S. o. Guidelines of the American Society of Mammalogists for the use of wild mammals in research. *Journal of mammalogy, 92*(1), 235-253 (2011)

Singh, B., Saini, S., Lohan, S., & Beg, S. Systematic Development of Nanocarriers Employing Quality by Design Paradigms. *Nanotechnology-Based Approaches for Targeting and Delivery of Drugs and Genes*, 110 (2017)

Singh, G., Dwivedi, H., Saraf, S. K., & Saraf, S. A. Niosomal delivery of isoniazid-development and characterization. *Tropical Journal of Pharmaceutical Research, 10*(2) (2011)

Singh, G., Raghuvanshi, H. K., Anand, A., Pundir, R., & Dwivedi, H. Targeted delivery of rifampicin by niosomal drug delivery system. *JPR, 3*, 1152-1154 (2010)

Škalko-Basnet, N., & Vanić, Ž. (2017). Lipid-based nanopharmaceuticals in antimicrobial therapy *Functionalized Nanomaterials for the Management of Microbial Infection* (pp. 111-152): Elsevier.

Sousa, M., Pozniak, A., & Boffito, M. Pharmacokinetics and pharmacodynamics of drug interactions involving rifampicin, rifabutin and antimalarial drugs. *Journal of Antimicrobial Chemotherapy, 62*(5), 872-878 (2008)

Souto, E., Almeida, A., & Müller, R. Lipid nanoparticles (SLN®, NLC®) for cutaneous drug delivery: structure, protection and skin effects. *Journal of Biomedical Nanotechnology, 3*(4), 317-331 (2007)

Stamatopoulos, B., Meuleman, N., De Bruyn, C., Pieters, K., Mineur, P., Le Roy, C., Bron, D. AMD3100 disrupts the cross-talk between chronic lymphocytic leukemia cells and a mesenchymal stromal or nurse-like cell-based microenvironment: pre-clinical evidence for its association with chronic lymphocytic leukemia treatments. *haematologica, 97*(4), 608-615 (2012)

Stec, J., & Abourashed, E. A. Recently disclosed chemical entities as potential candidates for management of tuberculosis. (2015)

Stover, J., Hallett, T. B., Wu, Z., Warren, M., Gopalappa, C., Pretorius, C., Group, N. P. T. S. How can we get close to zero? The potential contribution of biomedical prevention and the investment framework towards an effective response to HIV. *PloS one, 9*(11), e111956 (2014)

Sun, Y.-X., Liu, J.-C., & Kennedy, J. F. Extraction optimization of antioxidant polysaccharides from the fruiting bodies of Chroogomphis rutilus (Schaeff.: Fr.) OK Miller by Box-Behnken statistical design. *Carbohydrate Polymers, 82*(1), 209-214 (2010)

Sznitowska, M., Wolska, E., Baranska, H., Cal, K., & Pietkiewicz, J. The effect of a lipid composition and a surfactant on the characteristics of the solid lipid microspheres and nanospheres (SLM and SLN). *European Journal of Pharmaceutics and Biopharmaceutics, 110*, 24-30 (2017)

Tagami, T., Kubota, M., & Ozeki, T. Effective Remote Loading of Doxorubicin into DPPC/Poloxamer 188 Hybrid Liposome to Retain Thermosensitive Property and the Assessment of Carrier-Based Acute Cytotoxicity for Pulmonary Administration. *Journal of pharmaceutical sciences, 104*(11), 3824-3832 (2015)

Tanno, T., Bhanu, N. V., Oneal, P. A., Goh, S.-H., Staker, P., Lee, Y. T., Wang, R.-H. High levels of GDF15 in thalassemia suppress expression of the iron regulatory protein hepcidin. *Nature medicine, 13*(9), 1096-1101 (2007)

Thorat, Y. S., Gonjari, I. D., & Hosmani, A. H. Solubility enhancement techniques: a review on conventional and novel approaches. *International journal of pharmaceutical sciences and research, 2*(10), 2501 (2011)

Tiwari, G., Tiwari, R., Sriwastawa, B., Bhati, L., Pandey, S., Pandey, P., & Bannerjee, S. K. Drug delivery systems: An updated review. *International journal of pharmaceutical investigation, 2*(1), 2 (2012)

Trivedi, L., Telrandhe, R., & Dhabarde, D. Differential spectrophotometric method for estimation and validation of Verapamil in Tablet dosage form. *Int J Pharm Drug Anal, 5*(11), 419-422 (2017)

Ulukaya, E., Colakogullari, M., & Wood, E. J. Interference by anti-cancer chemotherapeutic agents in the MTT-tumor chemosensitivity assay. *Chemotherapy, 50*(1), 43-50 (2004)

Vasantharaja, K., Jerolda, M., Vigneshwarana, C., Velanb, M., & Sivasubramaniana, V. Bioremediation of sulfate-rich wastewater using lactate-fed sulfidogenic enrichment culture predominantly Desulfovibrio sp.: Box-Behnken design optimization. *Desalination and Water Treatment, 83*, 30-39 (2017)

Vasir, J. K., Reddy, M. K., & Labhasetwar, V. D. Nanosystems in drug targeting: opportunities and challenges. *Current Nanoscience, 1*(1), 47-64 (2005)

Velaga, S. P., Djuris, J., Cvijic, S., Rozou, S., Russo, P., Colombo, G., & Rossi, A. Dry powder inhalers: An overview of the in vitro dissolution methodologies and their correlation with the biopharmaceutical aspects of the drug products. *European journal of pharmaceutical sciences* (2017)

Verma, R. K., Mukker, J. K., Singh, R. S. P., Kumar, K., Verma, P. R. P., & Misra, A. Partial biodistribution and pharmacokinetics of isoniazid and rifabutin following pulmonary delivery of inhalable microparticles to rhesus macaques. *Molecular pharmaceutics, 9*(4), 1011-1016 (2012)

Verweij-van Wissen, C., Aarnoutse, R., & Burger, D. Simultaneous determination of the HIV nucleoside analogue reverse transcriptase inhibitors lamivudine, didanosine, stavudine, zidovudine and abacavir in human plasma by reversed phase high performance liquid chromatography. *Journal of Chromatography B, 816*(1), 121-129 (2005)

Vostrikov, V. V., Selishcheva, A. A., Sorokoumova, G. M., Shakina, Y. N., Shvets, V. I., Savel'ev, O. Y., & Polshakov, V. I. Distribution coefficient of rifabutin in

liposome/water system as measured by different methods. *European Journal of Pharmaceutics and Biopharmaceutics, 68*(2), 400-405 (2008)

Walkey, C. D., Olsen, J. B., Guo, H., Emili, A., & Chan, W. C. Nanoparticle size and surface chemistry determine serum protein adsorption and macrophage uptake. *Journal of the American Chemical Society, 134*(4), 2139-2147 (2012)

Walters, E., Cotton, M. F., Rabie, H., Schaaf, H. S., Walters, L. O., & Marais, B. J. Clinical presentation and outcome of tuberculosis in human immunodeficiency virus infected children on anti-retroviral therapy. *BMC pediatrics, 8*(1), 1 (2008)

Wang, W., Chen, L., Huang, X., & Shao, A. Preparation and Characterization of Minoxidil Loaded Nanostructured Lipid Carriers. *AAPS PharmSciTech, 18*(2), 509-516 (2017)

Wang, Z., Hu, W., Zhang, J.-L., Wu, X.-H., & Zhou, H.-J. Dihydroartemisinin induces autophagy and inhibits the growth of iron-loaded human myeloid leukemia K562 cells via ROS toxicity. *FEBS Open Bio, 2*(1), 103-112 (2012)

Weiner, M., Benator, D., Burman, W., Peloquin, C. A., Khan, A., Vernon, A., . . . Hodge, T. Association between acquired rifamycin resistance and the pharmacokinetics of rifabutin and isoniazid among patients with HIV and tuberculosis. *Clinical Infectious Diseases, 40*(10), 1481-1491 (2005)

Winter, H. R., Trapnell, C. B., Slattery, J. T., Jacobson, M., Greenspan, D. L., Hooton, T. M., & Unadkat, J. D. The effect of clarithromycin, fluconazole, and rifabutin on dapsone hydroxylamine formation in individuals with human immunodeficiency virus infection (AACTG 283). *Clinical Pharmacology & Therapeutics, 76*(6), 579-587 (2004)

Wissing, S., Kayser, O., & Müller, R. Solid lipid nanoparticles for parenteral drug delivery. *Advanced drug delivery reviews, 56*(9), 1257-1272 (2004)

Yasir, M., & Sara, U. V. S. Solid lipid nanoparticles for nose to brain delivery of haloperidol: in vitro drug release and pharmacokinetics evaluation. *Acta Pharmaceutica Sinica B, 4*(6), 454-463 (2014)

Yostawonkul, J., Surassmo, S., Iempridee, T., Pimtong, W., Suktham, K., Sajomsang, W., Ruktanonchai, U. R. Surface modification of nanostructure lipid carrier (NLC) by

oleoyl-quaternized-chitosan as a mucoadhesive nanocarrier. *Colloids and Surfaces B: Biointerfaces*, *149*, 301-311 (2017)

Young, D. B., Gideon, H. P., & Wilkinson, R. J. Eliminating latent tuberculosis. *Trends in microbiology*, *17*(5), 183-188 (2009)

Zech, D. F., Grond, S., Lynch, J., Hertel, D., & Lehmann, K. A. Validation of World Health Organization Guidelines for cancer pain relief: a 10-year prospective study. *Pain*, *63*(1), 65-76 (1995)

Zhou, H., Zhang, Y., Biggs, D. L., Manning, M. C., Randolph, T. W., Christians, U., Ng, K.-y. Microparticle-based lung delivery of INH decreases INH metabolism and targets alveolar macrophages. *Journal of Controlled Release*, *107*(2), 288-299 (2005)

Zumla, A., Nahid, P., & Cole, S. T. Advances in the development of new tuberculosis drugs and treatment regimens. *Nature reviews Drug discovery*, *12*(5), 388-404 (2013)