

DATE:

CERTIFICATE

This is to certify that the following publications have arisen out of the research work carried out by my Ph.D. student Ms. Hinal Patel who wishes to submit thesis entitled “**Development of Therapeutics for Hypothyroidism on Genetic Basis**” to The Maharaja Sayajirao University of Baroda, Vadodara for the award of Doctor of Philosophy in Pharmacy.

1. **Patel H**, Mansuri MS, Singh M, Begum R, Shastri M, Misra A. Association of Cytotoxic T-Lymphocyte Antigen 4 (*CTLA4*) and Thyroglobulin (*TG*) Genetic Variants with Autoimmune Hypothyroidism. PLoS One. 2016;10 ((3):e0149441).
2. **Patel H**, Yewale C, Rathi MN, Misra A. Mucosal immunization: a review of strategies and challenges. Critical Reviews in Therapeutic Drug Carrier Systems. 2014;31(4):273-303.

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LIST OF PUBLICATIONS

A. Research and Review Articles:

1. **Patel H**, Mansuri MS, Singh M, Begum R, Shastri M, Misra A. Association of Cytotoxic T-Lymphocyte Antigen 4 (*CTLA4*) and Thyroglobulin (*TG*) Genetic Variants with Autoimmune Hypothyroidism. PLoS One. 2016;10 ((3):e0149441).
2. **Patel H**, Yewale C, Rathi MN, Misra A. Mucosal immunization: a review of strategies and challenges. Critical Reviews in Therapeutic Drug Carrier Systems. 2014;31(4):273-303.
3. Lalani R, Misra A, Amrutiya J, **Patel H**, Bhatt P, Patil SK. Approaches and Recent Trends in Gene Delivery for Treatment of Atherosclerosis. Recent Patents on Drug Delivery and Formulation. 2016;10(2):141-55.
4. Lalani R, Misra A, Amrutiya J, **Patel H**, Bhatt P, and Patel V. "Challenges in Dermal Delivery of Therapeutic Antimicrobial Protein and Peptides", Current Drug Metabolism. Accepted for publication.

B. Book Chapter:

1. Vhora I, Patil S, **Patel H**, Amrutiya J, Lalani R, Misra A. Overview of Polyester Nanosystems for Nasal Administration. Handbook of Polyester Drug Delivery Systems: Pan Stanford; 2016. p. 291-351. Print ISBN: 978-981-4669-65-8.