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(71) Applicant *(for all designated States except US)*: **TRANSTECH PHARMA, INC.** [US/US]; 4170 Mendenhall Oaks Parkway, High Point, NC 27265 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **MJALLI, Adnan, M.M.** [US/US]; 6421 Ashton Park Drive, Oak Ridge, NC 27310 (US). **POLISETTI, Dharma, R.** [IN/US]; 3741 Deerfield Street, High Point, NC 27265 (US). **QUADA,, James, C.** [US/US]; 3605 Nina Court, High Point, NC 27265 (US). **YARRAGUNTA, Ravindra, R.** [IN/US]; 5001 Bass Chapel Road, Apt. 1A, Greensboro, NC 27455 (US). **ANDREWS, Robert, C.** [US/US]; 3312 Morris Farm Road, Jamestown, NC 27282 (US). **XIE, Rongyuan** [CN/US]; 6407 Estes Court, Greensboro, NC 27410 (US). **SUBRAMANIAN, Govindan** [IN/US]; 1012 Primrose Court, Bellemeade, NJ 08502 (US).

(74) Agents: **CALKINS, Charles, W.** et al.; Kilpatrick Stockton, LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

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(54) Title: SUBSTITUTED IMIDAZOLE DERIVATIVES AND THEIR USE AS PTPASE INHIBITORS

(57) Abstract: The present invention provides imidazole derivatives of Formula (I-IV), methods of their preparation, pharmaceutical compositions comprising the compounds of Formula (I-IV), and their use in treating human or animal disorders. The compounds of the invention inhibit protein tyrosine phosphatase 1B and thus can be useful for the management, treatment, control, or the adjunct treatment of diseases mediated by PTPase activity. Such diseases include Type I diabetes and Type II diabetes.