

Is PEGylation of drugs associated with hypersensitivity reactions? An analysis of the Italian National Spontaneous Adverse Drug Reaction Reporting System

Salvatore Crisafulli¹, Paola Maria Cutroneo², Nicoletta Luxi³, Andrea Fontana⁴, Carmen Ferrajolo⁵, Pasquale Marchione⁵, Laura Sottosanti⁵, Giovanna Zanoni⁶, Ugo Moretti³, Silvia Franzè⁷, Paola Minghetti⁷, Gianluca Trifirò^{3*}

1. Department of Medicine, University of Verona, Verona, Italy
2. Sicilian Regional Pharmacovigilance Centre, University Hospital of Messina, Messina, Italy
3. Department of Diagnostics and Public Health, University of Verona, Verona, Italy
4. Unit of Biostatistics, Fondazione IRCCS Casa Sollievo della Sofferenza, San Giovanni Rotondo, Italy
5. Italian Medicines Agency, Rome, Italy
6. Immunology Unit, University Hospital of Verona, Verona, Italy
7. Department of Pharmaceutical Sciences, University of Milano, Milan, Italy

*** Corresponding author:**

Prof. Gianluca Trifirò

gianluca.trifiro@univr.it

Department of Diagnostics and Public Health, University of Verona, Italy

P.le L.A. Scuro 10, 37124, Verona

Appendix Figure 1. Yearly frequency of drug and vaccine-related anaphylactic or hypersensitivity reactions reports from the Italian spontaneous reporting system database between 2001 and 2020

