Abstract Template

Title: "**Influence of Drug Formulation in Adherence, Efficacy and Clinical Safety" & "How formulation could impact in drug delivery"**

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Keywords: Drug formulation, Drug delivery, Drug efficacy, Drug adherence, Clinical safety

I. Abstract Body

- The presentation is focused in drug development process and how the drug formulation places an important role in medicinal product success. We present how the drug formulation can impact in the profile of the drug product enhancing parameters such as: Patient adherence, Treatment efficacy and Safety profile. We will provide as a part of the presentation real data of drug development projects and the advantages of new concepts and technology applied for new drug formulations. We discuss the example on how the company manages through the "Polypill concept" a galenic-innovation combining several active ingredients in a single capsule the development of a new fixed dose combination, an approved medicine to reduce risk factors or pathological mechanisms of cardiovascular disease (CVD) enhancing patient adherence. Multi-treatments schedules are frequent after cardiovascular events and represent health issues, such as adverse drug-drug interactions, medication errors and treatment non-adherence. Furthermore, we present a new technology platform through the company developed a "Novel Drug Development System" for inhalation exposure of active pharmaceutical ingredients. In conclusion, the presentation will address and set up the focus in the relationship of drug formulations and enhancement of drug efficacy and safety as a direct way to improve the benefits-risks balance of a medicinal product.

II. Reference:

1 Internal data from Company Projects of Drug Development. Ferrer Internacional S.A.

III. Biography:

Jorge Gonzalez Borroto has completed his PhD in Genetic Toxicology from Autonomus University of Barcelona, Spain. He is a Senior Nonclinical Toxicologist involved in Pharmacovigilance/Cosmetovigilance to support the efficacy, safety and well-use of medicines of the Company. More than 15 years working in nonclinical toxicology and safety assessment. Author of several publications and member of Editorial Board of scientifical journals related with different field of Drug Development, Drug Safety. Speaker in several Congress/Events related with several topics of Drug Development, Drug Safety, Pharmacovigilance.

IV. Presenting author details



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