PharmaForum 2009, am 3. November in Frankfurt am Main

1. Company

W.C. Heraeus GmbH; Heraeusstrasse 12-14; 63450 Hanau; Germany Business Unit Pharmaceutical Ingredients

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2. Core Competences

Production of highly potent APIs (hAPIs) used in oncology:

- Pt-based API's
- Molecules made by organic chemistry
- Fermentation based APIs

3. Cooperations offered and requested

- Exclusive development, scale-up and commercial production of New Chemical Entities (all oncology)
 - Capable to handle substances equivalent to class IV Safebridge for all standard chemical operations at volumes up to 1600 L
 - o Microbial fermentation of hAPI's
 - Downstream purification by large scale HPLC, extraction, reverse osmosis
 - Full analytical and regulatory support

CV Dr. Friedrich Wissmann

Dr. Friedrich Wissmann Dipl.-Chem. Manager BU Pharmaceutical Ingredients

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- PhD in Inorganic and Analytical Chemistry from the University of Muenster in 1984. Thesis on chromatographic purification of precious metals by supercritical fluid chromatography (SFC)
- Post Doc at Brigham Young University / Utah from 1084 86. Working focus on SFC separations of PAH's
- Head of Quality Control Labs at W.C. Heraeus GmbH in Hanau from 1986 1994. Focus on quantitative determination of noble metals in industrial compounds. Responsible for the analytical release of API used for anticancer treatment
- Since 1995 responsible for all technological, production and regulatory aspects of the business unit "Pharmaceutical Ingredients" within W.C. Heraeus.