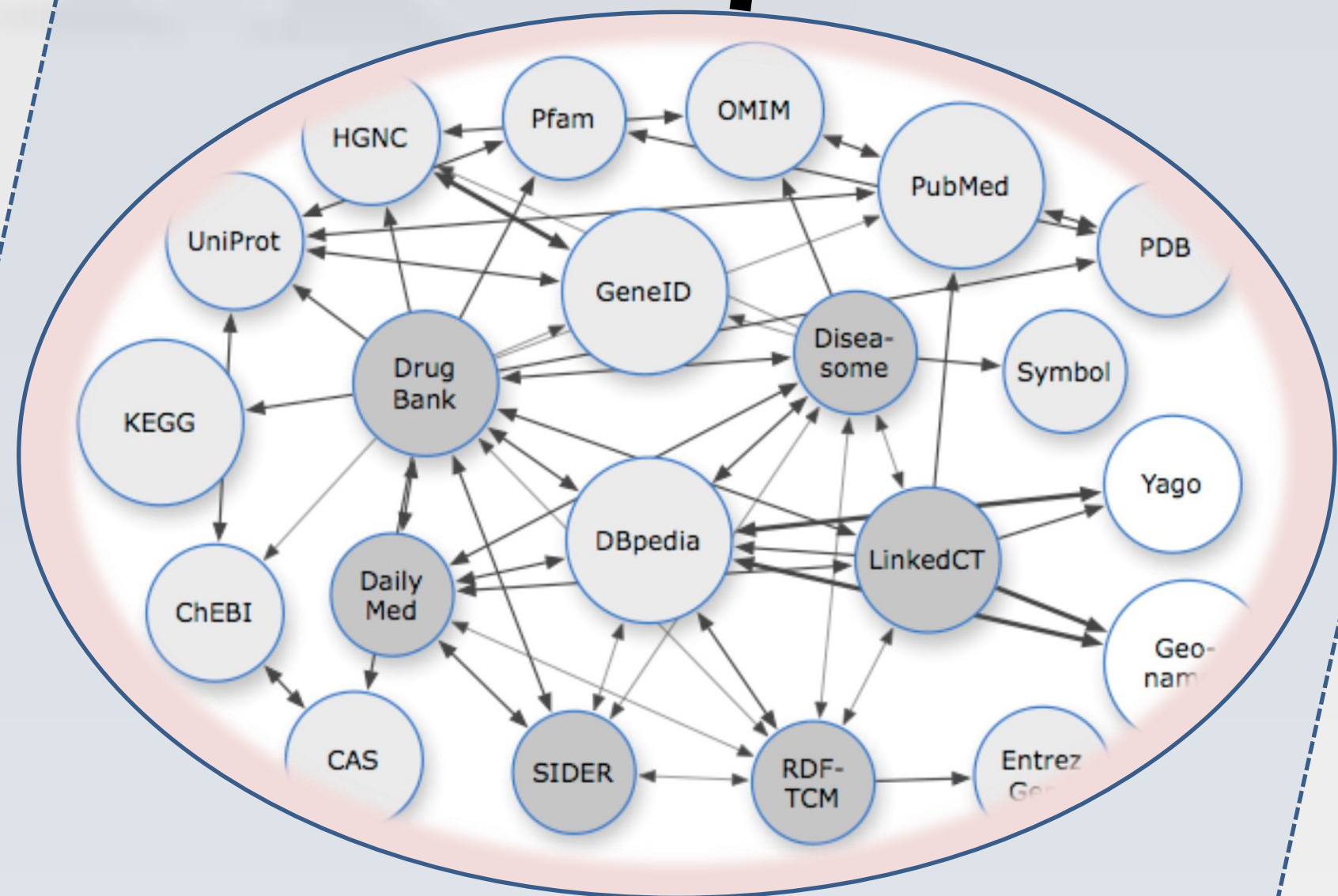
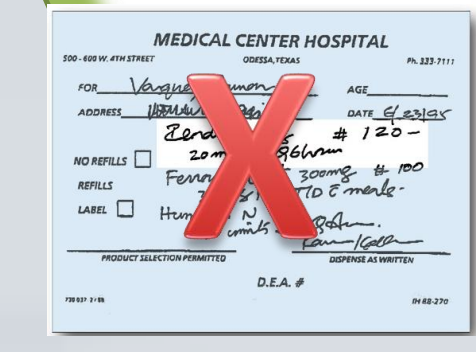




E-Prescriptions



Linked Open Drug Data

Semantic Medical Prescriptions

Semantic Prescriptions are **intelligent** e-prescription documents enriched by drug-related meta-data thereby know about their content and the possible interactions. They provide:

- Persistent connection to up-to-date drug information coming from multiple dynamic data sources.
- Drug interactions prevention → Error free prescriptions.
- Connection of physicians, pharmacists, patients, pharmaceutical researchers and drug companies
- Machine understandable prescription.
- Patient awareness.

Prescription

Source Code: Atenolol once a day, Captopril 1 hour before or 2 hours after a meal, Aspirin, Glibenclamide

Aspirin

Instruction: Description: Brand Names: Brand Mixtures: Absorption: Affected Organism: BioTransformation: HalfLife: Indication: Mechanism of Action: Pharmacology: Toxicity: Dosage Forms: Drug Categories: Food interaction: Drug Enzymes: Drug Targets: Contraindication:

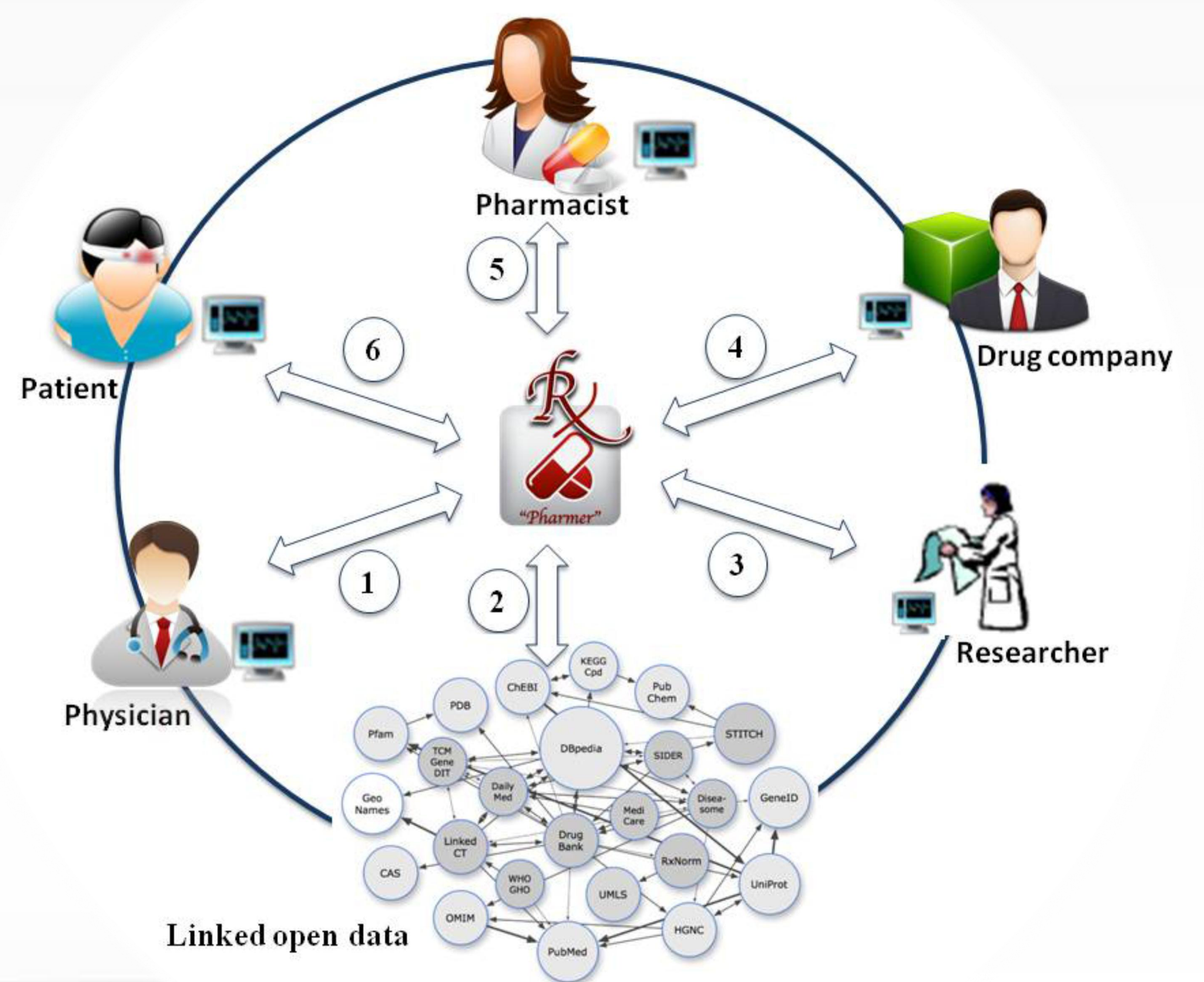
Drug Interactions

Interaction: Atenolol and Glibenclamide
Description: The beta-blocker decreases the symptoms of hypoglycemia

Interaction: Aspirin and Glibenclamide
Description: The salicylate increases the effect of sulfonylurea

Pharmer Prescription Writer

Providing Different Semantic Views.
Real-time Drug Tagging.
Drug Suggestion.
Automatic Drug Annotation.



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