

Name \_\_\_\_\_

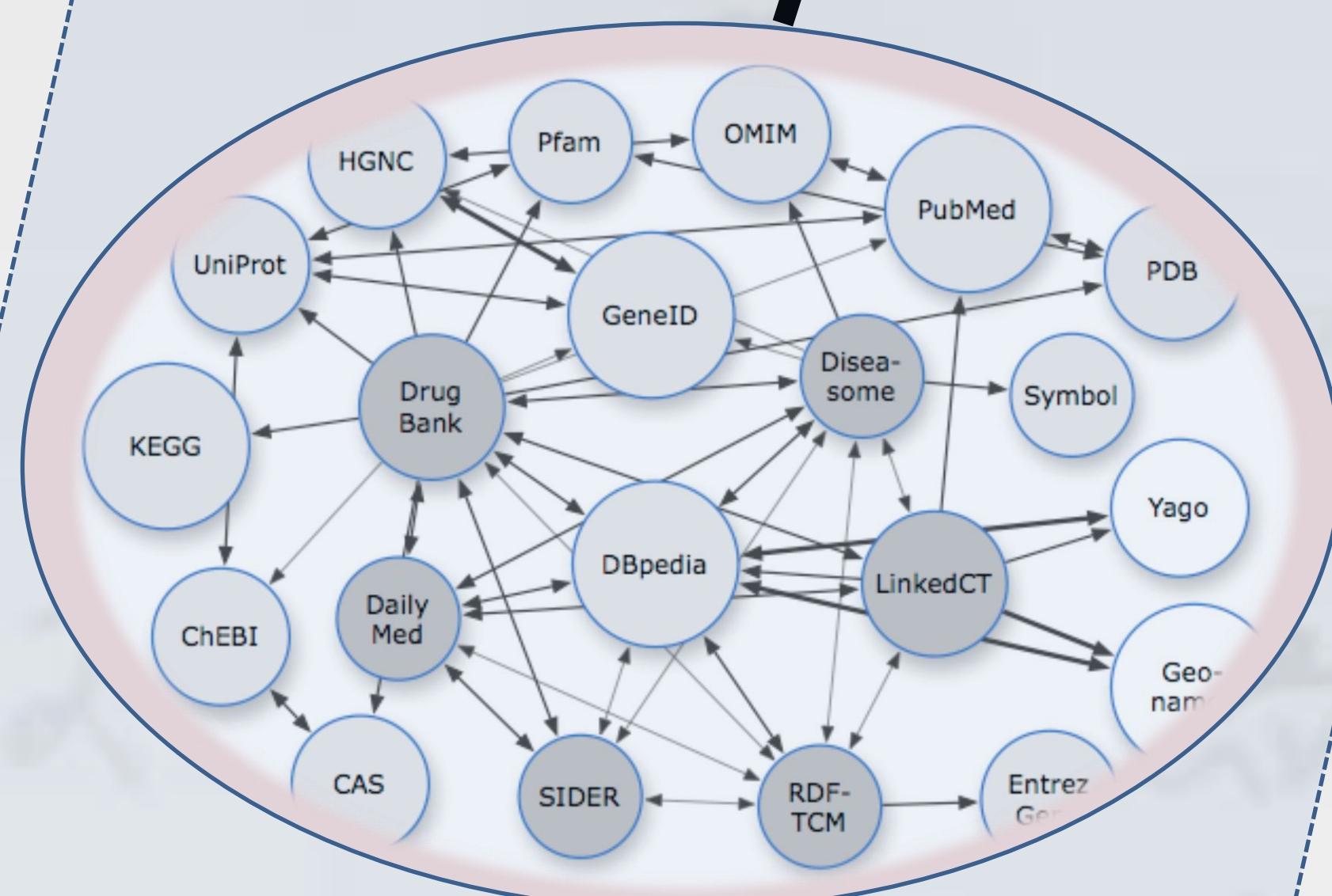
Address \_\_\_\_\_

Date \_\_\_\_\_

# Pharmer



## 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.

**Aspirin**

Instruction Description Brand Names BioTransformation HalfLife

Affected Organism BioTransformation HalfLife

Mechanism of Action Pharmacology Toxicity Dosage Form

Drug Categories Food Interaction Drug Enzymes Drug Targets

Contraindication

Quantity: Quantity of the drug

Dosage Form: tabletOral

Dosage: Dosage Quantity e.g. 250mg

Instructions: Instructions on how to take the drug

Cancel Delete Save

**Drug Interactions**

Interaction: Atenolol and Glibenclamide

Description: The beta-blocker decreases the symptoms of hypoglycemia

Details

Interaction: Glibenclamide and Aspirin

Description: The salicylate increases the effect of sulfonylurea

Details

Cancel

Prescription

Source Code: Atenolol once a day

Visualization: Glibenclamide

Facts: Aspirin once a day after lunch

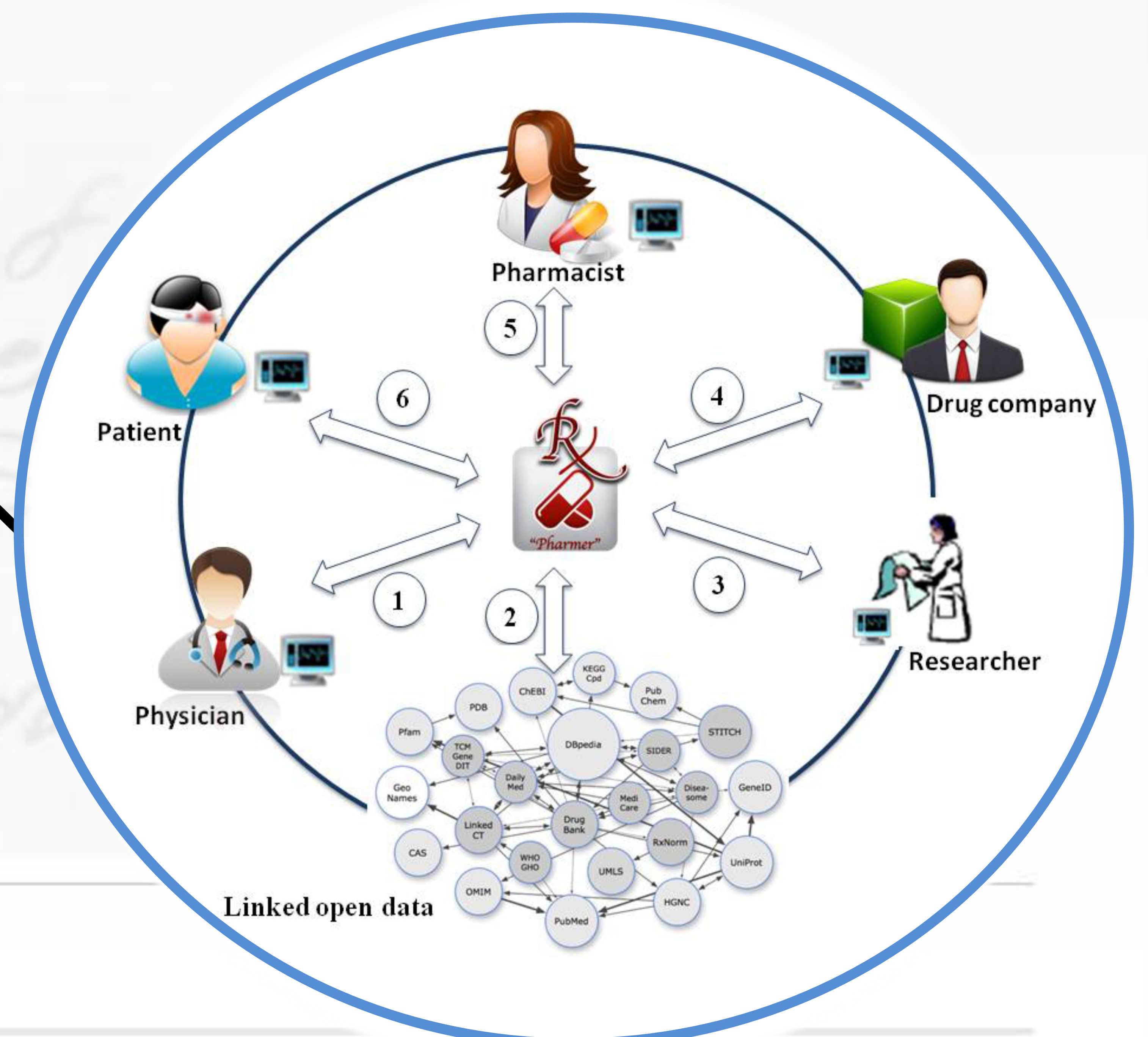
Aspirin

The prototypical analgesic used in the treatment of mild to moderate pain. It has anti-inflammatory and antipyretic properties and acts as an inhibitor of cyclooxygenase.

Cancel Delete Save

## Pharmer Prescription Writer

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



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