



Living a healthy life.

#### Value of industrial experience transfer into pharmacy curriculum

Prof. dr. Franc Vrečer Krka, d.d., Novo mesto & University of Ljubljana, Faculty of Pharmacy

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# **Outline of the presentation**

- Short introduction
- What kind (& quantity) of knowledge pharmacy graduates should have view of the employers?
- Participation of professional experts in curriculum why, how?
- Conclusions



# Introduction



• Personal introduction

Needs and expectations for pharmacy graduates – from the employer point of view:

- 1. Broad interdisciplinary knowledge with excellence/ specialization
- 2. Ability of working in interdisciplinary (& intercultural) teams
- 3. Ability of critical evaluation of professional data and information
- 4. Be innovative in professional work
- 5. Capability of decision making
- 6. (Ethical standards)

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## The role of experts from praxis in curriculum

- Are the outside experts needed in pharmacy curriculum: why & how?
  - Sharing the professional experience implementation of a theory into industrial products
  - Presenting the complexity of daily work in profession ("multidimensional thinking")
  - Culture of innovation and protection of industrial knowledge
  - Sharing the importance of quality culture in pharmaceutical profession
  - Enable students touch to real processes and work in industry:
    - visits,
    - demonstrations,
    - experimental work in industrial laboratories & facilities) & mentorship theses on all study levels



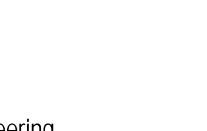
## The role of experts from praxis in curriculum

- Some practical examples
  - Pharmaceutical technology
  - Pharmaceutical analysis
  - Quality assurance
  - Pharmaceutical engineering
    - Particle & crystal
    - process











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# Conclusions

- Real work expertise from various professional fields important in study program:
  - Better understanding the challenges and demands of the working in the pharmaceutical industry
  - Additional knowledge not present on academic institution

"Knowledge is a treasure, but practice is the key to it" Thomas Fuller





#### Questions and comments?!

# Thank very much for your attention





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