

WS 1: Initial & Early Education



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The workshop will address achieving **ACADEMIC CAPACITY** to deliver **INITIAL & EARLY EDUCATION** in **PHARMACY & PHARMACEUTICAL SCIENCES** on a **global scale**.

- strategies & tactics
- ways of promoting and disseminating, and
- methods for engaging stakeholders.



Icebreaker



- Briefly tell the people at your table
 1. Your name
 2. Your country
 3. Whether you represent practice, science, or other
 4. Your favorite dessert/pudding/sweet
- Each table should select a “reporter”

**Special treats for tables
that can complete this task
in 5 minutes!**



What does academic capacity mean?



How many *pharmacists* and pharmaceutical scientists does the world need?



- The current range for pharmacists is from **fewer than 5 to more than 200** pharmacists per 100,000 population.
- Are these ratios...
 - desirable?
 - adequate?
 - equitable?
 - sustainable?



What do we need these individuals to be able to do?



- discover/create new medicines?
- ensure good manufacturing practices for medicines?
- select the optimal medicines for the region or institution?
- direct the supply chain of medicines from manufacturer to patient?
- manage therapeutic decision making?
- provide accurate medicines information to patients and other health care providers?
- monitor the impact of medicines in populations?
- work in teams?
- OTHER...



What are the best ways to train these individuals?



- scientists and practitioners together?
- pharmacists and other health professionals together?
- via alliances and collaborations?
- using educational technologies?
- using simulation?
- in partnerships with workplaces and industry?

How can we best prepare the *teachers* who will lead these efforts?



One of our first academic “lessons”



AUTOMATION



- How will **automation/technologies** in practice, science and education influence achievability of **academic capacity** for **early and initial education** globally?



BEST PRACTICES



- What are existing **best practices** to support achievability of **academic capacity** for **early and initial education** globally?
- What **targets** would be appropriate for implementing this?



COLLABORATION



- How can we enhance inter-professional education?
- How can we promote better collaboration with key stakeholders (eg, governments, pharmaceutical industry)?



Just to make sure we
didn't miss anything...



