



Global Conference on
Pharmacy &
Pharmaceutical Sciences
Education
7-8 November 2016

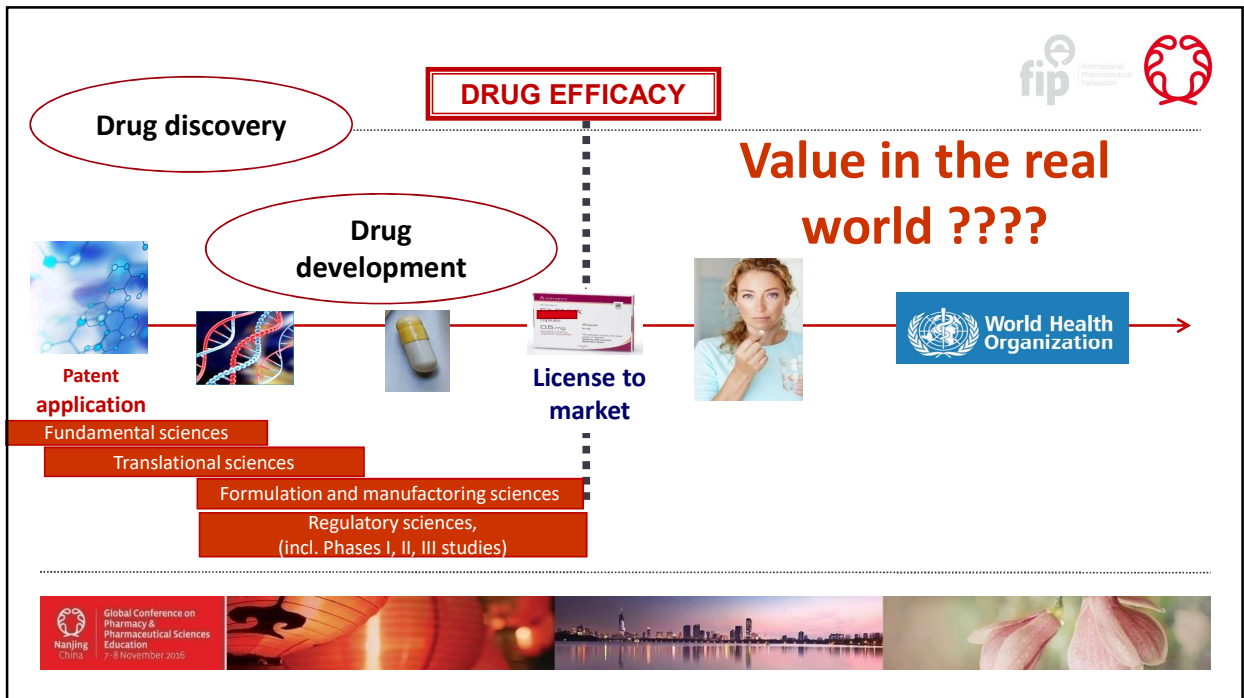


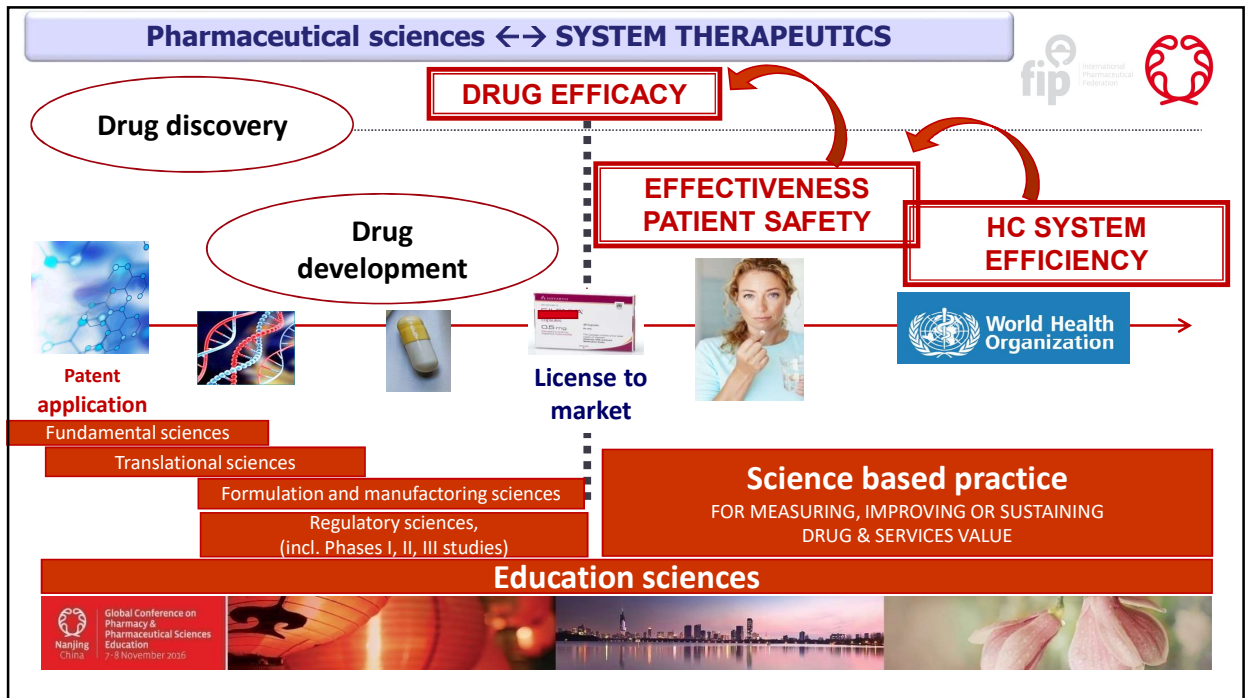
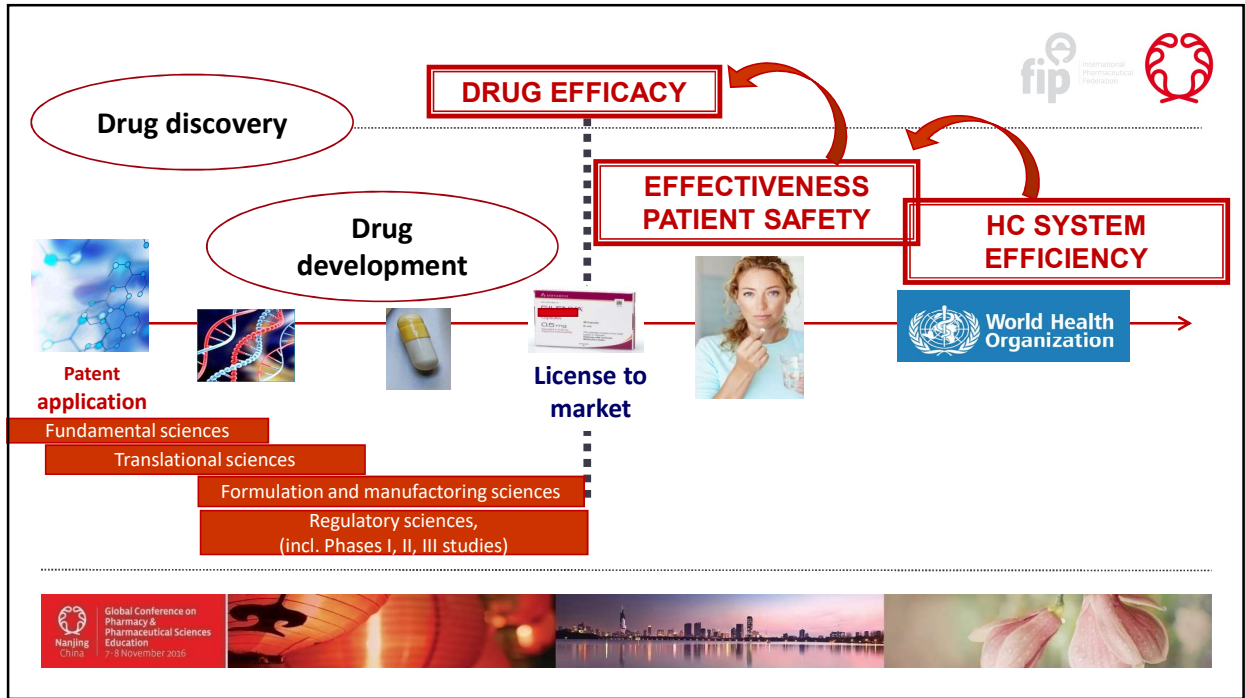
Educating better clinicians

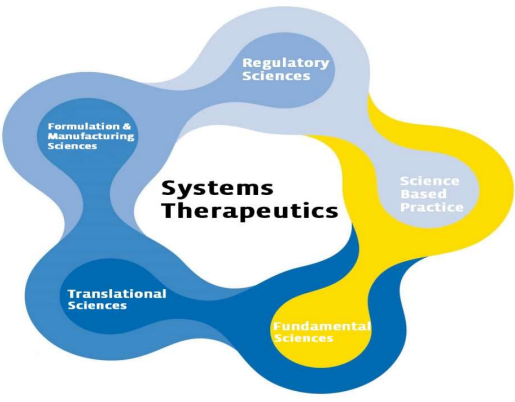
Day 1 Changing Today and Tomorrow's Workforce



Prof. Olivier Bugnon
School of pharmaceutical sciences, Community Pharmacy, University of
Geneva and University of Lausanne, Switzerland







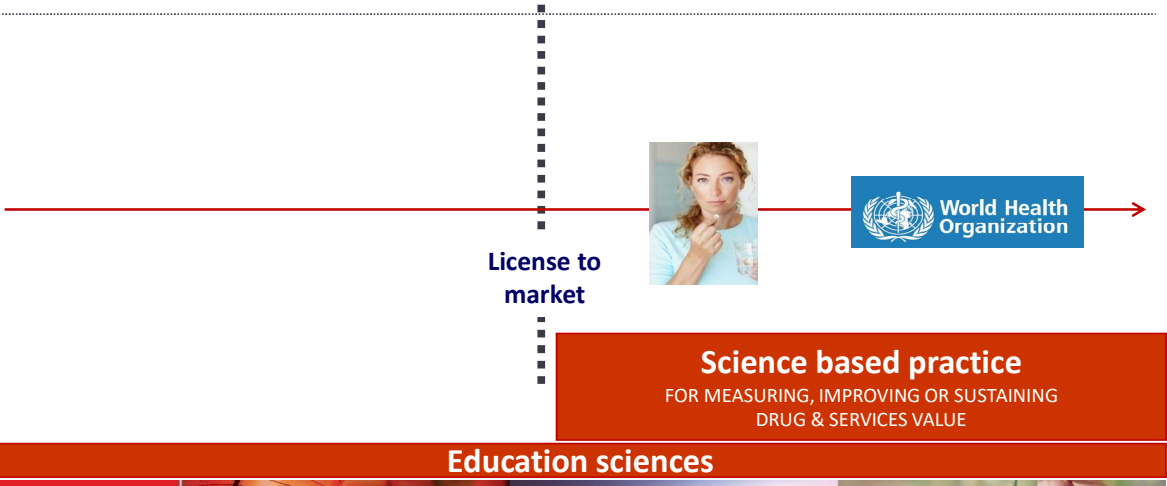
6th FIP Pharmaceutical Sciences World Congress 2017
Stockholm, Sweden • 21-24 May 2017

Future Medicines For One World

Systems approaches to drug discovery, development and clinical usage



Educating better clinicians



Educating better clinicians



= preparing the Pharmacy workforce to face the current major change agents

Unless a **person/people-centred and integrated health services** approach is adopted, health care will become increasingly fragmented, inefficient and unsustainable

The WHO Framework on integrated people-centred health services

Geneva Health Forum
19-21 April 2016, Geneva



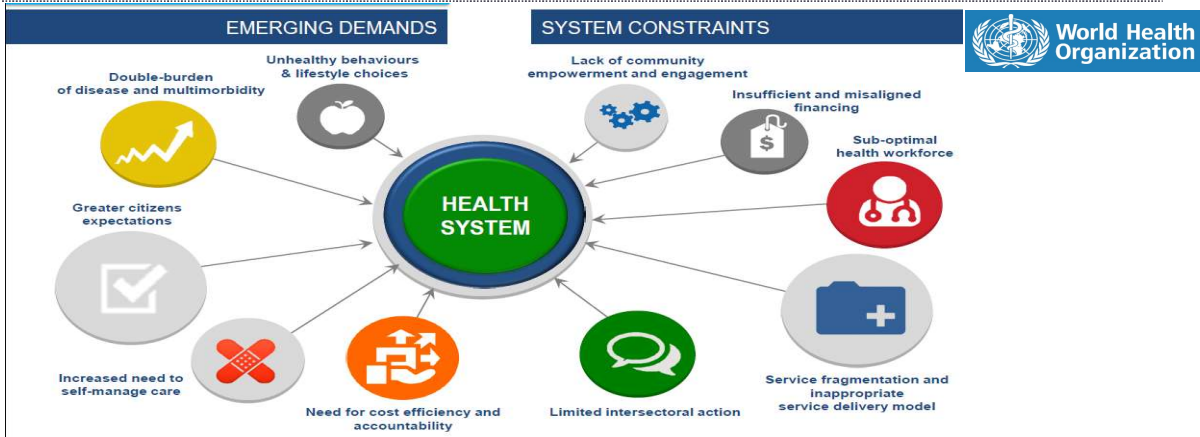
This framework represents a call for a fundamental shift in the way health services are funded, managed and delivered.



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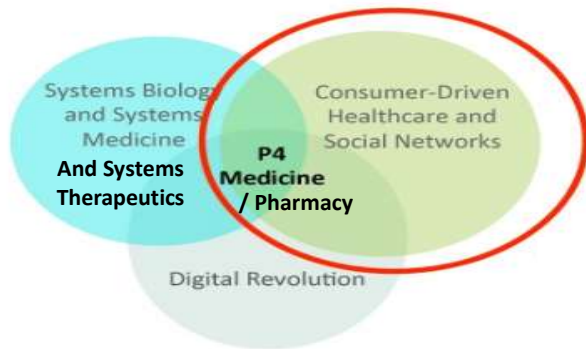


= preparing the Pharmacy workforce to face the current major change agents



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1. Predictive
2. Preventive
3. Personalized
4. Participatory



Adapted from
<http://p4mi.org/p4medicine>



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The (e)-patient (and relatives) perspective cannot be ignored:
it implies the adoption of a **shared-decision making with and between the health care professionals**

- ethics and health literacy
- patient reported outcomes



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The **SAFETY** *of* **MEDICINES** **IN PUBLIC HEALTH** **PROGRAMMES:**

Pharmacovigilance an essential tool



= Facilitating the contribution of clinicians in the expanded scope of pharmacovigilance

Pharmacovigilance is the science and the activities relating to the detection assessment, understanding and prevention of **adverse effects or any other possible drug-related problems** (e.g. related to inadequate use and inadequate quality)



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*Reinforcing
selfconfidence
and trust in the
other*



*Learning to a
bi-directional
communication*



*Building interdependency
(respect, recognition of the
complementarity of the mutual
contributions in patient care with
shared objectives)*

Interprofessional collaboration is essential even it requires a major culture change of the whole health system.



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The current profound payment 'paradigm shift'



« paid for product »

« paid for service »

« paid for value »



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UNPACK THE BLACKBOX



Developing and evaluating complex interventions:
new guidance

www.mrc.ac.uk/complexinterventionsguidance



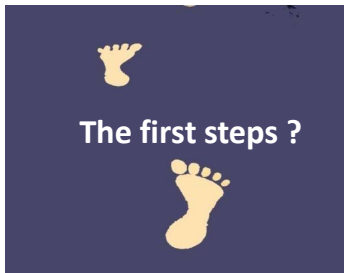
R&D for clear and reproducible interventions



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Facilitating innovation, change management and implementation management

“think global” and “start local”

Engaging and supporting innovators (pharmacists, pharmacy team members) who have a strong interest for professional advancement

(bottom-up strategy)



Educating better clinicians in summary



= preparing the Pharmacy workforce to face the current major change agents

1. Unless a **person/people-centred and integrated health services** approach is adopted, health care will become increasingly fragmented, inefficient and unsustainable (WHO, 2016)
2. “Each person is unique, his/her medicines also” → **P4 Medicine/Pharmacy** (Preventive, Predictive, Personalized and Participatory)
3. **Collaborative, advanced pharmacy services and specialisations** are contributions for achieving the WHO goals (see 1.) → Pharmacy team management , life-long learning and interprofessional education
4. Social recognition and remuneration are dependent of the pharmacists capacity to demonstrate their **added clinical / economic / humanistic value**
5. **Science based practice and education research** are an important contribution to a **System Therapeutics approach** but also for bridging the gaps between academics, scientists and practitioners



Educating better clinicians in summary

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As current health systems and patient care continue to evolve in complexity and challenge, there is more demand toward a more clinical, person-centered and collaborative profession, with enhanced responsibilities and accountabilities in healthcare systems. (FIP)

