Teaching Toolkit on Cancer Research for Cancer Prevention

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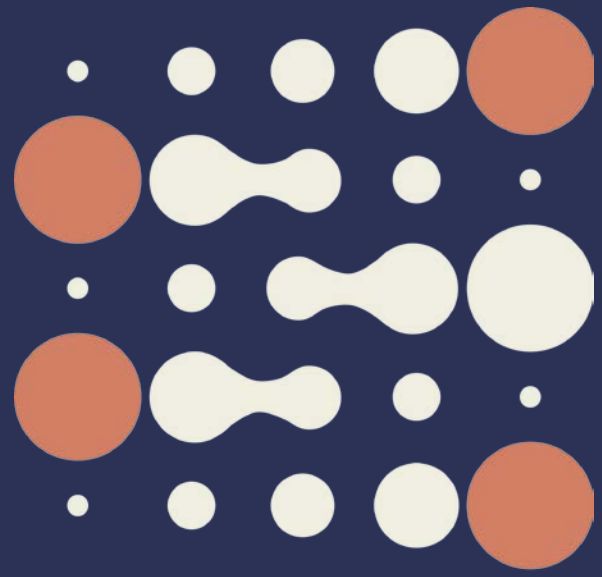


International Agency for Research on Cancer

World Health Organization

What is a teaching toolkit?

A. A package of ready-to-use teaching material (PPT slides, exercises, hand-outs).

B. A set of editable teaching aids that can be translated and adapted to your context.

C. A life-saving resource when you need to quickly prepare a course or a presentation.

...nergencies Programme

...ecurity Learning Platform
...ntext of the IHR

Register | Log

LEARN | BUILD | CONN... | BROWSE B...

HSLP > Training Toolkits & Pack...

Training To...s

...ts and ready-made training packages are made available to public he...
..., public health, etc.), ministries and other organizations involved in hea...

...osted here can be tailored and adapted to reflect country-specific learning nee...

The use of the following training materials is ...

Global Laboratory Leadership Programme Learn... ...ase:

The Global Laboratory Leadership Programme (Gl... ...tion
resources and tools in the areas of leadership and ..., ru...
evaluate training of laboratory leaders from all sec...

Rapid Response Teams Training Programme ...ase:

The "RRT Training Programme" (RRT TP) is a structu... ...erials, g...
and tools enabling Member States to plan, implement a... ...d RRT me...
national and subnational levels. This programme has been... ...k .

ENGLISH FRANÇAIS

EVD Rapid Response Teams Training Package Latest release: ...

The EVD RRT training package is a structured comprehensive collection of training resources and tools enabling releva...
institutions to organize, run and evaluate face-to-face training on EVD for Rapid Response Teams tailored to country sp...
needs.

ENGLISH FRANÇAIS

European Centre for Disease Prevention and Control

ECDC Virtual Academy (EVA)

The online learning platform of the European Centre for Disease Prevention and Control

Learning activities | Train others | About

Home / Courses / TM-Intro to GenEpi-BioTrain

GENEPI-BIOTRAIN - TRAINING MATERIALS ON GENOMIC EPIDEMIOLOGY AND PUBLIC HEALTH BIOINFORMATICS - BRIDGING THE GAPS

- Participants
- Training materials for facilitators
- Overview
- Training Materials
- Licence
- Feedback

RECENT ACTIVITY

Activity since **Wednesday, 10 January 2024, 4:06 PM**

Go to full activity report

You are viewing as a 'Guest'. Your progress will not be recorded.

Training materials for facilitators

The training materials in this page were created for in 2023 to be delivered to pa...
training programme (**GenEpi-BioTrain**). It aims to bridge the capacity gaps betwe...

The course is designed to run by a team of trainers for 10 days in a face-to-face...

Welcome/Intro ECDC

Overview

Target audience

Structure

Training objectives

Possible course schedule

Background and acknowledgements

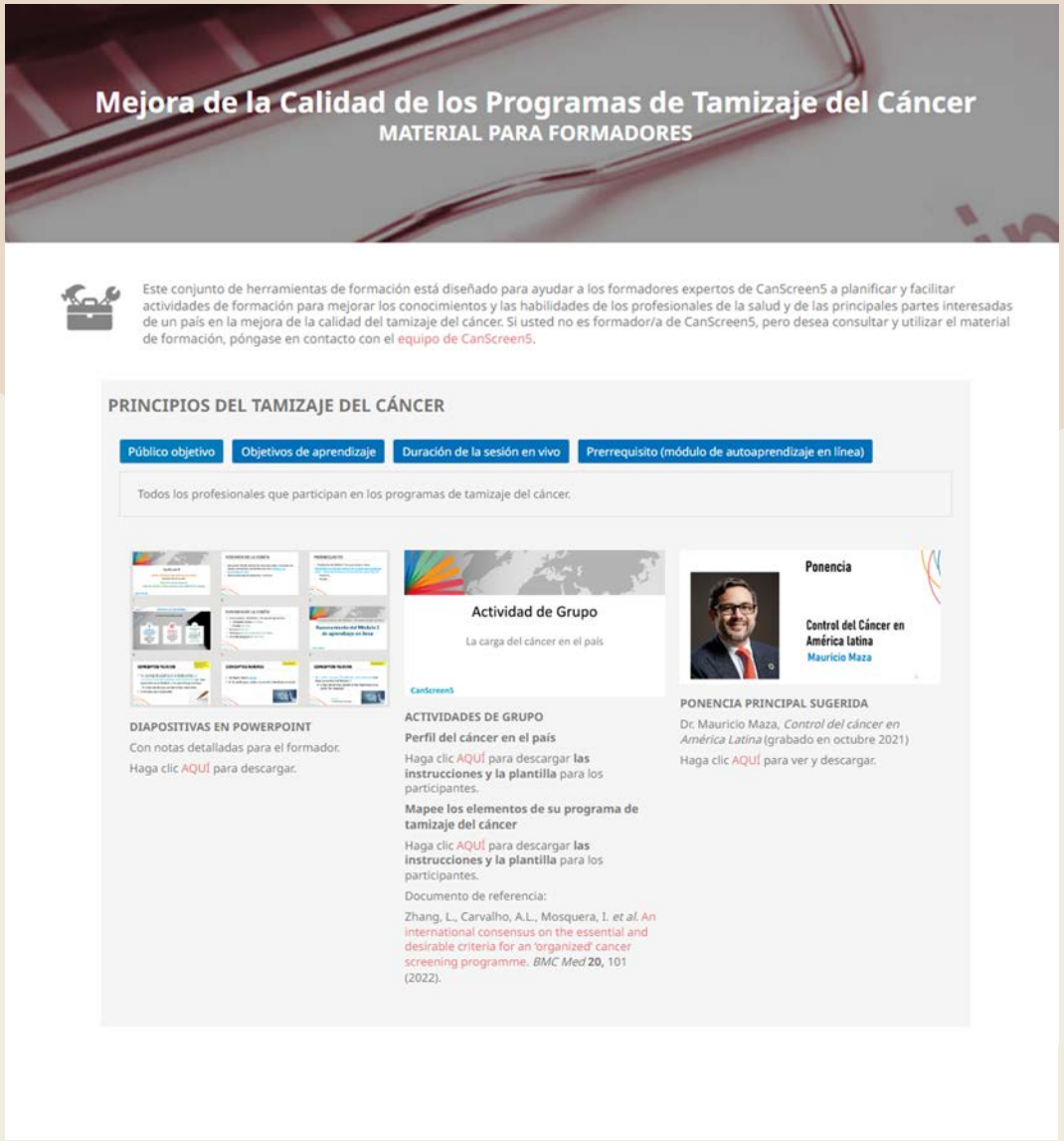
Training Materials

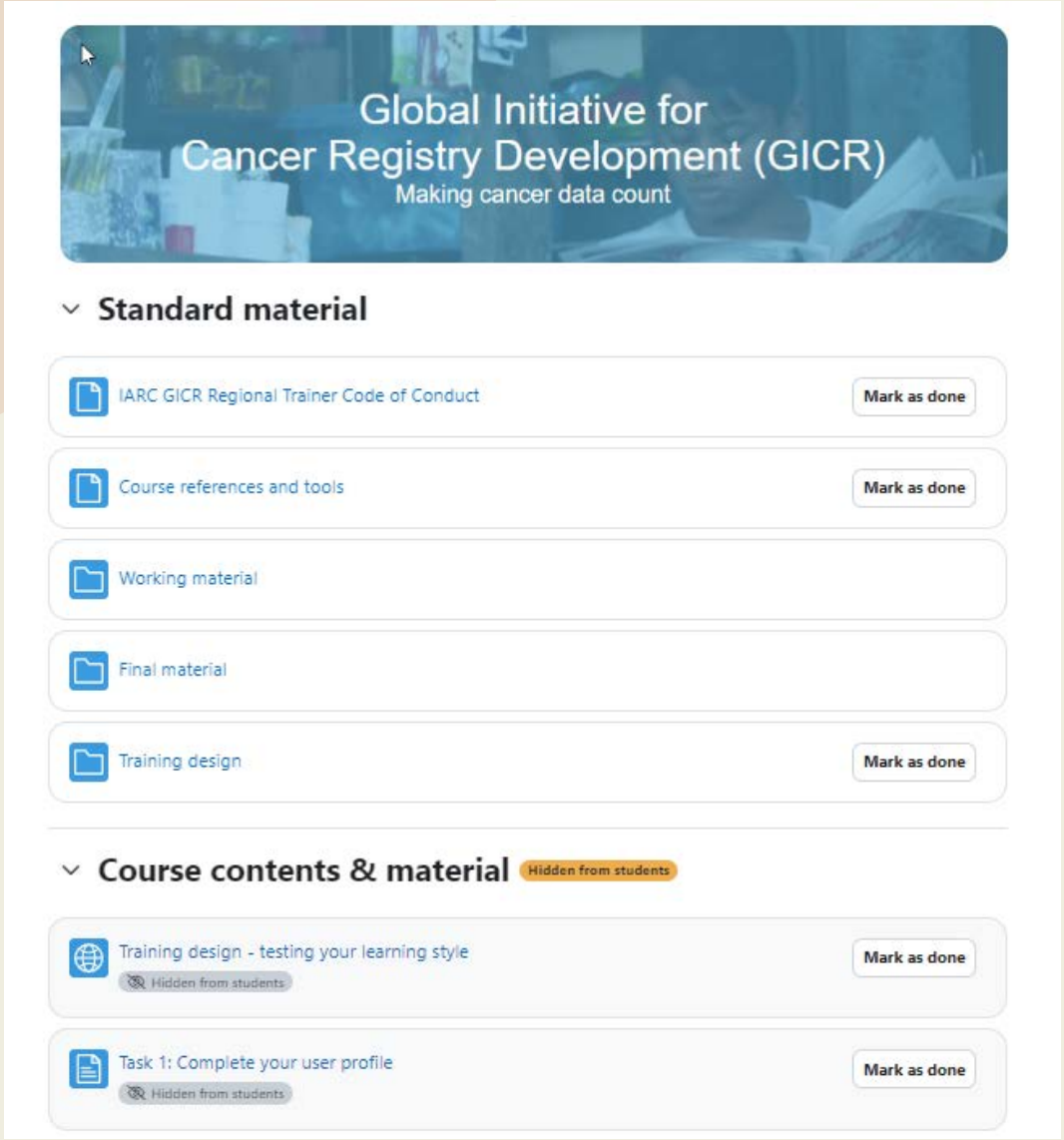
Online orientation session for participants (2 weeks in advance)

Pre-course activity

Theme 1 - Getting started in Bioinformatics

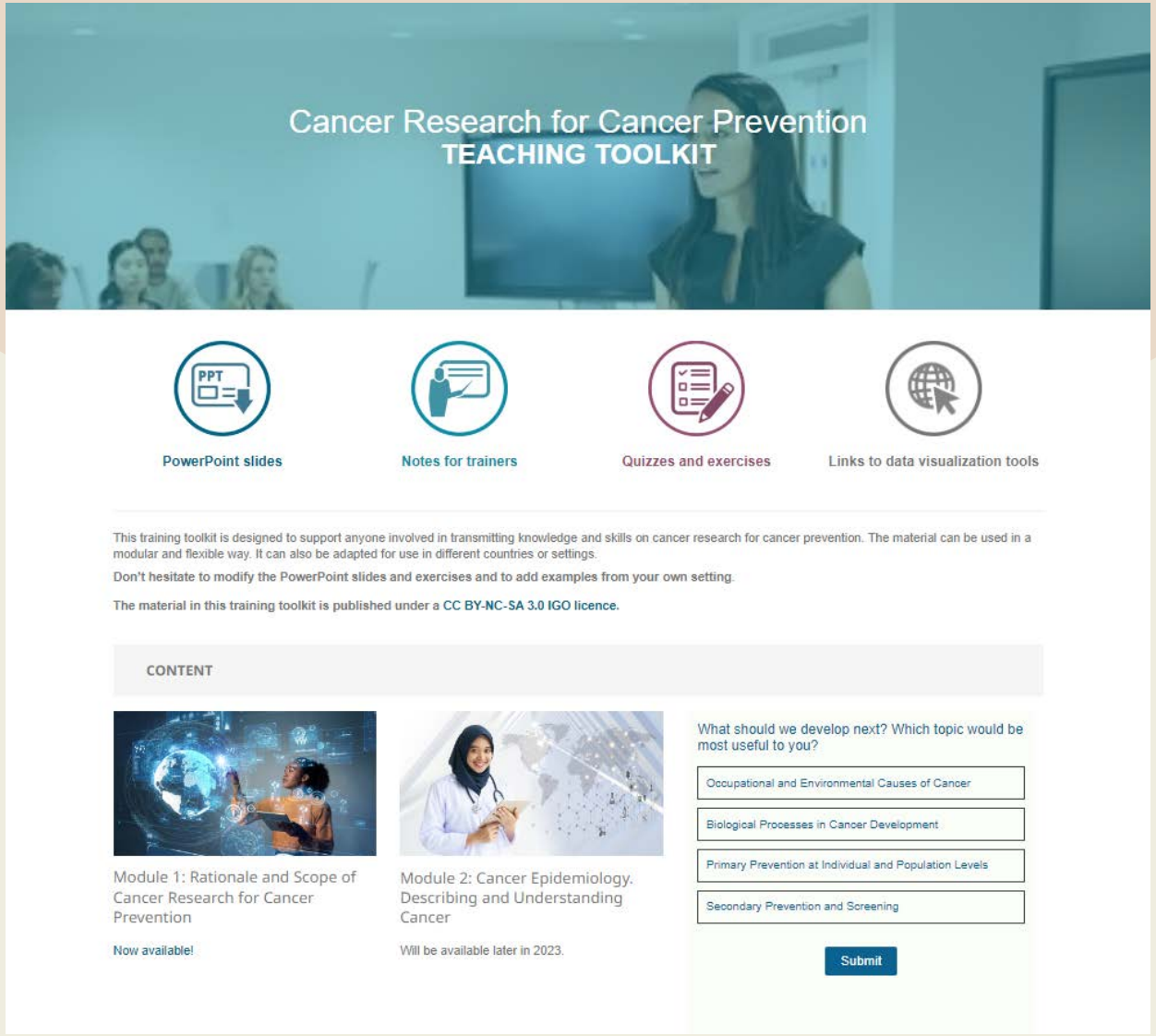
PROJECT-RELATED teaching toolkits





PROPOSED OPEN-ACCESS teaching toolkits

https://learning.iarc.fr/wcr/courses/cancer-research-toolkit/



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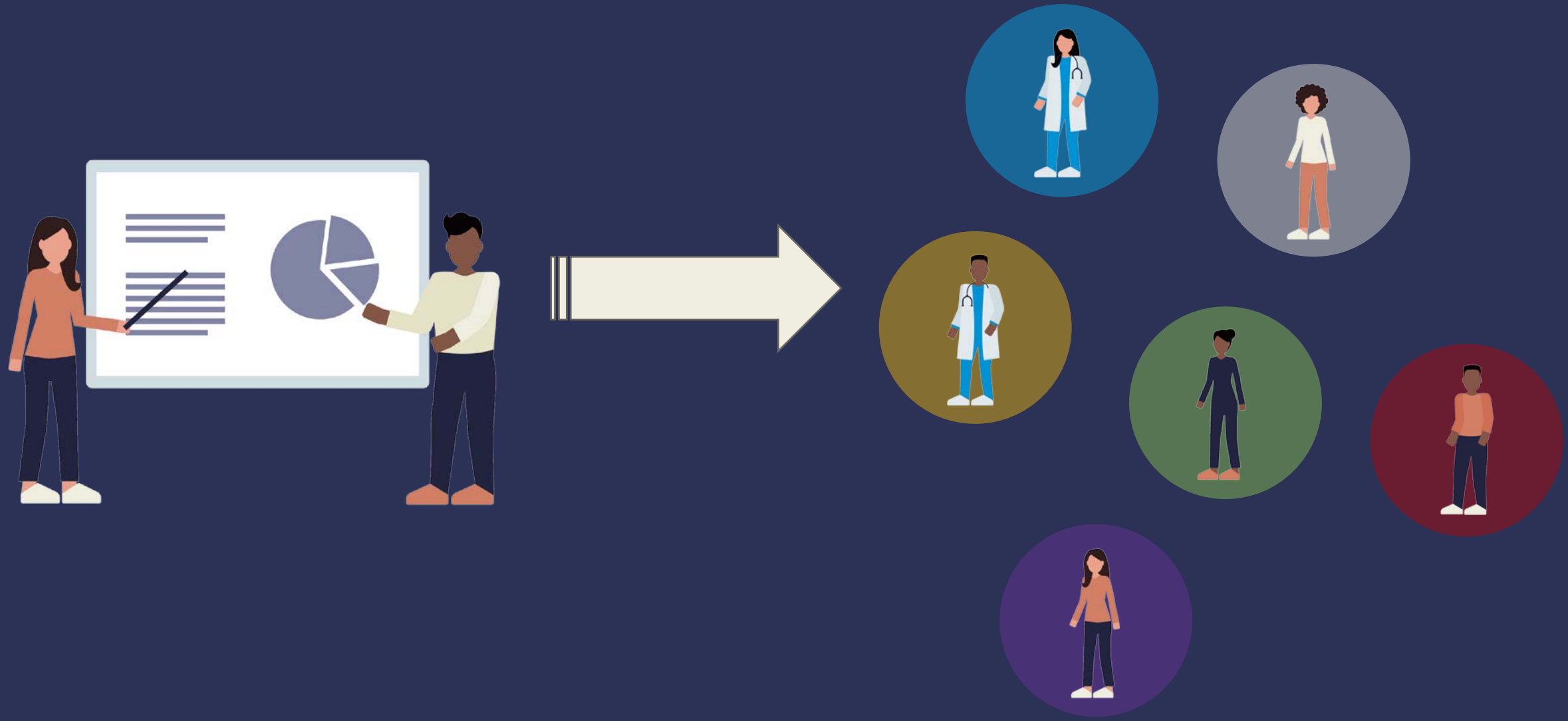
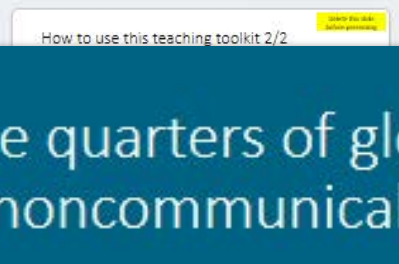
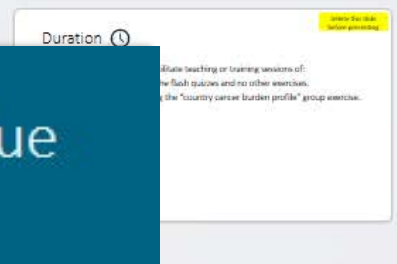
Training material for who to teach who?



What’s in it for you?

1





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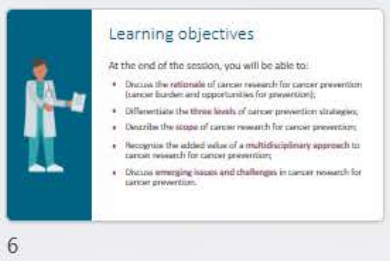

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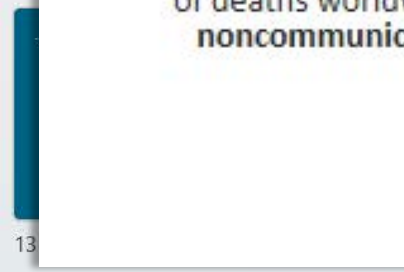

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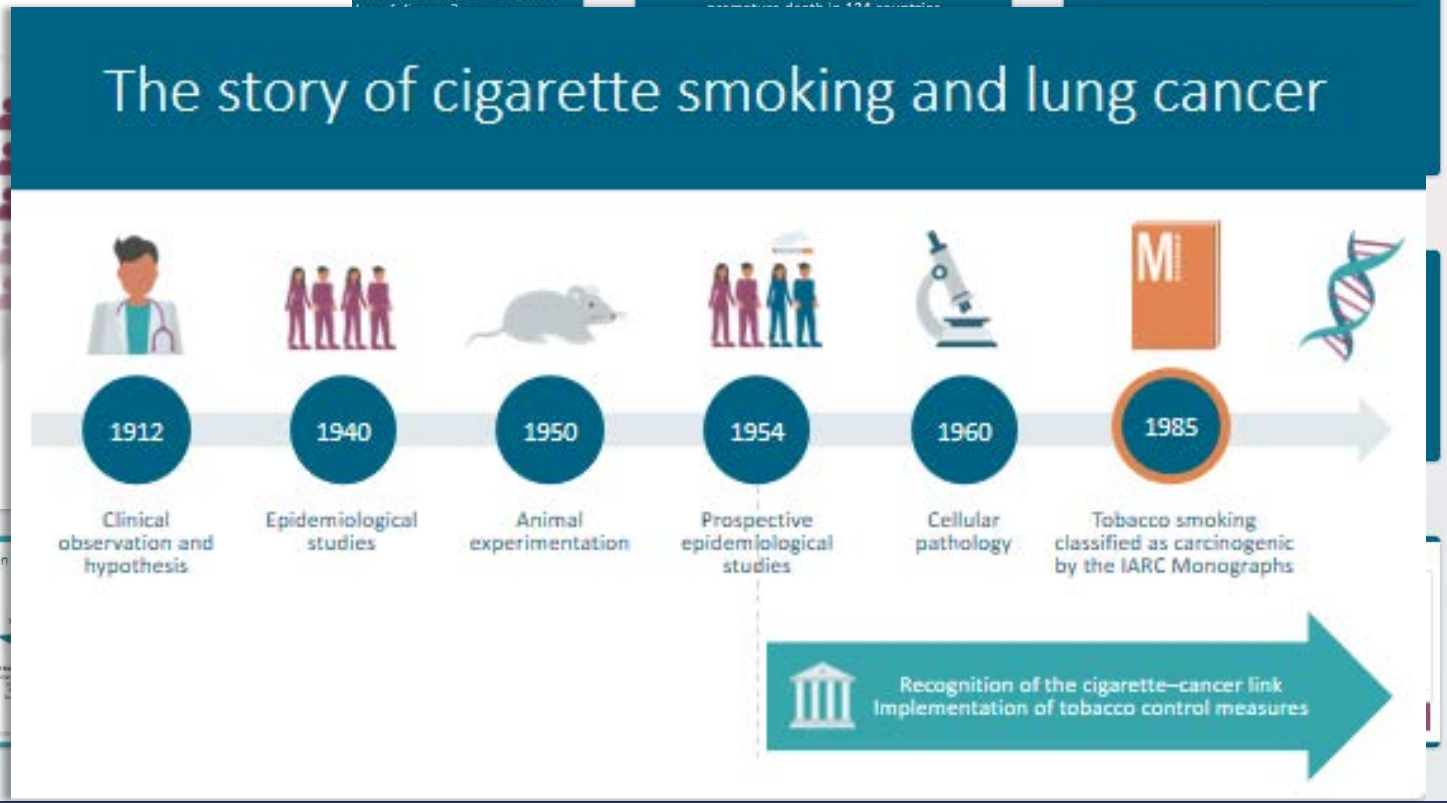


What's in it for you?

Learning objectives

At the end of the session, you will be able to:

- Discuss the **rationale** of cancer research for cancer prevention (cancer burden and opportunities for prevention);
- Differentiate the **three levels** of cancer prevention strategies;
- Describe the **scope** of cancer research for cancer prevention;
- Recognize the added value of a **multidisciplinary approach** to cancer research for cancer prevention;
- Discuss **emerging issues and challenges** in cancer research for cancer prevention.

Take-home messages

The cancer burden is **expected to increase** in the future, especially in low- and middle-income countries…

…but **opportunities** for prevention exist!

Cancer research involves a **large number of disciplines**…

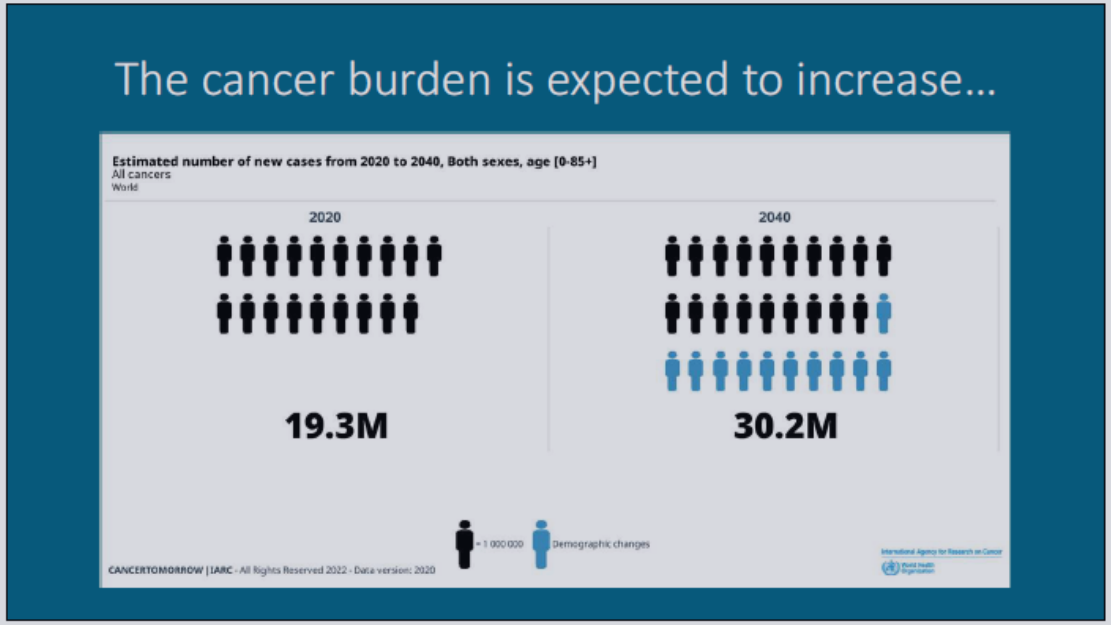
…that are more likely to succeed if they work **together**!

Cancer prevention happens at **different stages** of the disease:

- before development
- at the onset
- after diagnosis

Cancer research has paved the way for cancer prevention interventions. The road ahead has **challenges** but also **great opportunities**.

What’s in it for you?



The global cancer burden is expected to increase from 19.3 million new cases per year in 2020 to more than 30.2 million new cases per year in 2040. This estimate considers demographic changes only. It does not take into account potential increases in exposures, potential efforts in cancer prevention, or other factors.

- On the Global Cancer Observatory website, you can select a specific country or region or continent of the world (https://gco.iarc.fr/tomorrow/en/dataviz/isotype). For instance, try to compare the figure for Europe with the same figure for Asia or Africa. Discuss the trends in the light of population growth.

- This slide focuses on the number of new cases (incident cases), but you may prefer to look at the estimates for number of deaths (mortality). In this case, keep in mind that numbers of deaths depend on both new (incident) cases and existing (prevalent) cases. Mortality also depends on how early cancers are diagnosed as well as medical practice and the health infrastructure available to handle cancer. For example, compare the figure for countries with

What's in it for you?

Flash quiz: the global cancer burden

In 2020, worldwide the number of deaths from cancer was much higher than the number of deaths from COVID-19.

TRUE FALSE

Group exercise: Cancer burden profile

60–90 minutes

OBJECTIVE

To describe the cancer burden using available online tools.

INSTRUCTIONS

1. With your team members, agree on a country for which you would like to analyse the cancer burden.
2. Visit the IARC Cancer Global Observatory website (https://gco.iarc.fr/) to collect cancer statistics for this country, and other websites to find general facts and risk factors. (30–60 minutes)
3. Join another group and compare your respective country cancer profiles. What are the differences and similarities? (30 minutes)

What’s in it for you?

Have you found anything interesting for you?

Take-home message and next steps

- The IARC teaching toolkit is a free and open-access resource that can be used in a flexible and modular way. It has been designed **by** trainers **for** trainers!

- Next steps include:
  - ✓ Development of additional modules;
  - ✓ Translation of module 1 to French, and potential other languages.
  - ✓ Dissemination and monitoring of the resource in different settings.