

Virtual labs Learn genetics
By M.E. Mohammed Mehdi Saleh

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
جامعة الأنبار



شعبة ابن سينا للتعليم الالكتروني

تقدم

Virtual Labs

المختبرات الافتراضية Learn genetics
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قائمة التجارب المتاحة

GENETICS

اختر التجربة المطلوبة للبدء بالعمل

BASIC GENETICS

PIGEON BREEDING:
GENETICS AT WORK

VARIATION +
SELECTION & TIME

EPIGENETICS

GENETIC SCIENCE

CELL BIOLOGY

AMAZING CELLS

HUMAN HEALTH

METABOLISM: FROM FOOD TO FUEL

NORMAL CELLS

NORM

PRECISION MEDICINE

GENETIC DISORDERS

FAMILY HEALTH HISTORY

GENE THERAPY

NEUROSCIENCE

BASIC NEUROSCIENCE

PAIN
PRESSURE
(VIBRATION)
SENSORY SYSTEMS

MEMORY, ATTENTION,

ADDICTION:

Virtual Labs

اختر التجربة المطلوبة

[View Teach.Genetics for Classroom Materials](#)

1.0

DNA EXTRACTION

DNA is extracted from human cells for a variety of reasons. Try this virtual laboratory to extract DNA from human cells.

[interactive explore](#)

0.5

GEL ELECTROPHORESIS

Sort and measure DNA strands by running your own gel electrophoresis experiment.

[interactive explore](#)



PCR

PCR is a relatively simple and inexpensive tool that you can use to focus in on a segment of DNA and copy it billions of times over. See how it works!

[interactive explore](#)



DNA MICROARRAY

Scientists are using DNA microarrays to investigate everything from cancer to pest control. Use a DNA microarray to investigate the differences between a healthy cell and a cancer cell.

[interactive explore](#)

[Visit Teach.Genetics](#)

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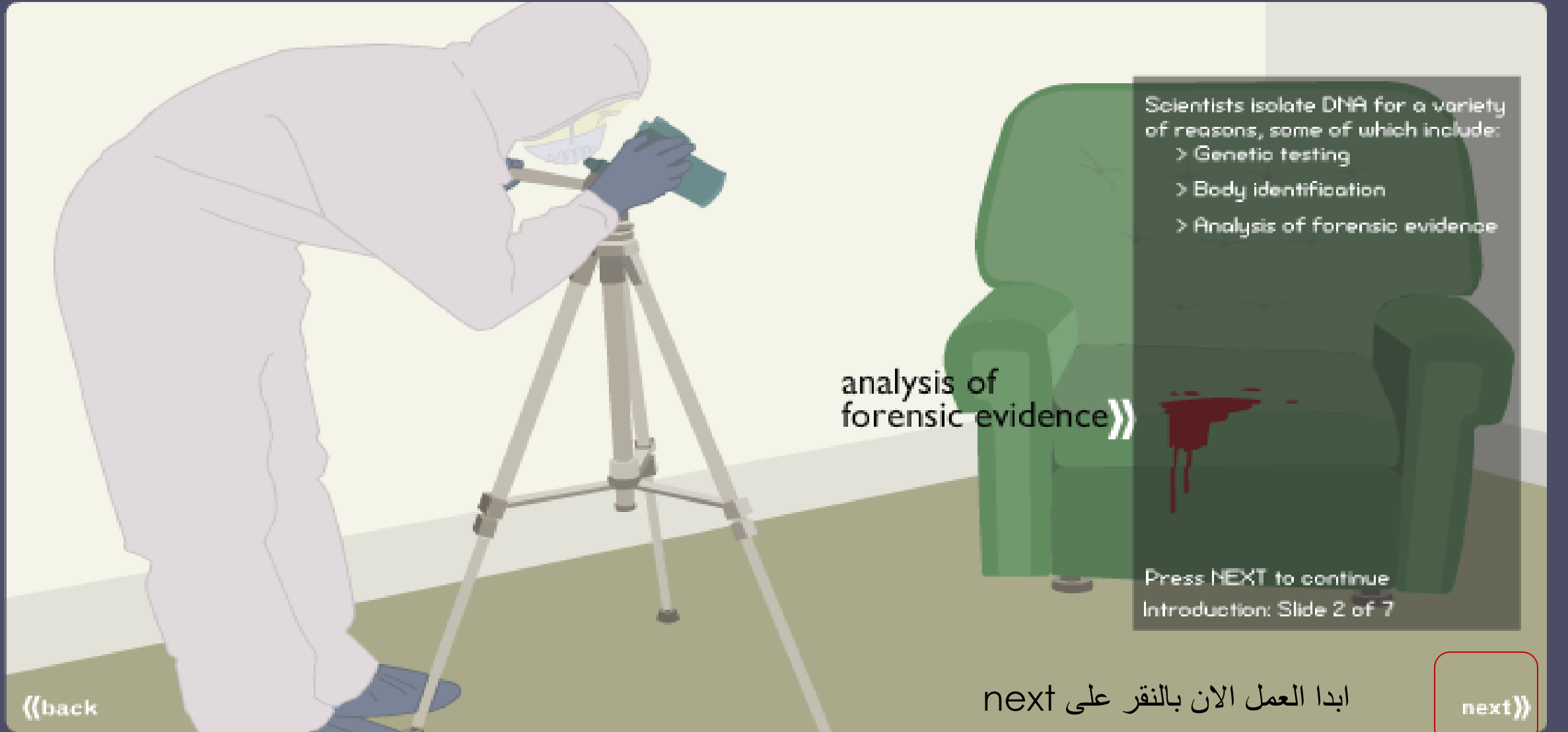
DNA Extraction

Biotechniques Virtual Lab



انقر على start

start lab >>



analysis of forensic evidence»

Scientists isolate DNA for a variety of reasons, some of which include:

- > Genetic testing
- > Body identification
- > Analysis of forensic evidence

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