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Université des Frères Mentouri Constantine

**INSTITUT DES SCIENCES
VÉTÉRINAIRES**



En collaboration avec l'université du Caire et le
réseau interNICHE
(The International Network for Humane Education)

Les premières journées internationales sur

**« LES MÉTHODES ALTERNATIVES À
L'ENSEIGNEMENT DE LA MÉDECINE
VÉTÉRINAIRE »**

18–19 AVRIL 2017

INSTITUT DES SCIENCES VÉTÉRINAIRES EL KHROUB

Programme

Day 1 - Tuesday 18 April

08.30 - 09.00	Arrivals and registration
09.00 - 09.05	Welcome —Pr. Bererhi El Hacène (University of Constantine) and Nick Jukes (InterNICHE)
09.05 - 09.15	Alternatives at the University of Constantine — Pr. Benhamza L. Dr.Tekkouk F. Dr.Lakhdara N. (University of Constantine) Review of alternatives developed and implemented at the University of Constantine.
09.15– 10.30	Best practice and alternatives — Nick Jukes (InterNICHE) Introduction to replacement alternatives and their successful implementation, with video clips and demonstrations.
10.30– 10.45	Questions and answers
10.45– 11.15	Refreshments
11.15– 12.00	The Elnady Technique for teaching anatomy and training in clinical skills and surgery –DrFawzyElnady (University of Cairo) Introduction to a new low-cost preservation technique for animal cadavers, organs and tissue.
12.00– 12.15	Questions and answers
12.15– 13.30	Lunch break
13.30– 14.15	Humane veterinary education and training: The example of Lusófona University in Portugal - Mariana Vieira Crespo, InterNICHE Innovation and replacement with alternative tools and approaches.
14.15– 14.30	Questions and answers
14.30– 15.15	The advantages of alternatives — Nick Jukes (InterNICHE) Exploring the pedagogical, ethical and economic advantages of alternatives, with reference to published studies
15.15– 15.30	Questions and answers
15.30– 16.00	Refreshments
16.00– 16.15	Review of Day 1 and program for Day 2 — Nick Jukes (InterNICHE) and Dr. Agabou A. (University of Constantine)
16.15	Thanks and close of Day 1

Programme

Day 2 – Wednesday 19 April

09.00- 09.05 **Introduction to Day 2**– Pr. Bensegueni Dr. Hireche Sana (University of Constantine), Nick Jukes (InterNICHE)

09.05– 09.45 **Online and software resources as alternatives**–DrFawzyElnady (University of Cairo)

Using technology to support the learning process.

09.45 – 10.00 **Questions and answers**

10.00 – 10.45 **Resources to support humane education and training**– Nick Jukes (InterNICHE)

An overview of the resources available to support replacement in education and training, including the content and functionality of the InterNICHE website

10.45 – 11.00 **Questions and answers**

11.00 – 11.30 **Refreshments**

11.30 – 12.00 **The InterNICHE Alternatives Loan System** - Mariana Vieira Crespo (InterNICHE)

Introduction to the InterNICHE Alternatives Loan System, a library of humane learning tools.

12.00 – 12.30 **Questions and answers**

12.30 – 13.30 **Lunch break**

13.30 – 15.30 **Multimedia Exhibition**– with Nick Jukes (InterNICHE), DrFawzyElnady (University of Cairo) and Mariana Vieira Crespo (InterNICHE)

Exhibition, demonstrations and trial of software, models, mannekins and simulators

15.30 – 15.45 **Refreshments**

15.45 – 16.30 **Open discussion** : Strategies for development and implementation of alternatives - with AbdeljalilCharif (University of Constantine), Nick Jukes (InterNICHE), DrFawzyElnady (University of Cairo) and Mariana Vieira Crespo (InterNICHE)

16.30 – 16.45 **Review and next steps**– Nick Jukes (InterNICHE) and AbdeldjalilCherif (University of Constantine)

16.45 **Thanks and close**

Objectifs

- Remplacement de l'animal par des moyens alternatifs dans l'enseignement des sciences vétérinaires.
- Développer un logiciel pour l'enseignement de l'anatomie.
- Créer un logiciel de dissection virtuelle interactif consultable sur la page de l'université.
- Utiliser des nouvelles technologies Multimédia et de l'internet afin d'améliorer la qualité de l'enseignement.
- Initiation à la technique de plastination des animaux.
- Accompagnement dans la recherche
- Mettre en place une stratégie de coopération.



FawzyElnady
Prof. ofAnatomy and Embryology
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Dr. Fawzy has BS in Vet. Med. 1989, MS in Vet. Anatomy 1993, from Cairo University, Egypt. He was a visiting scholar 1996-99 at VA-Md Regional College of Vet. Med, Virginia Tech. University USA for Ph. D entitled "Modern Educational Technology in Teaching Veterinary Anatomy with Special Reference to Applications in Practice". Dr. Elnady awarded Cairo University incentive prize in the field of Veterinary Biomedical sciences (2002). He was a former chairman of anatomy and embryology department, Cairo Univ (2011-2012). Recently in 2014 he innovated a new method for tissue preservation in his name «Elnady technique». He is a veterinary anatomist and a plastinator as well. He developed many veterinary anatomy software including anatomy of the goat abdomen and pelvis, the electronic Atlas of equine anatomy; part I and II, veterinary orthopedic guidelines...etc. Dr. Elnady is a multimedia and e-learning expert. Also, he is a certified trainer, who has trained thousands of people mainly in Egypt, and Saudi Arabia Universities in using multimedia, virtual reality and e-learning to enhance education.

Mariana Vieira Crespo

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Mariana Vieira Crespo has a degree in Psychology and an MSc in Human Evolution. With a special interest in neuropsychology, she has worked and participated in academic studies in the areas of empathy, language and related learning disabilities. Since 2000 she has collaborated on a range of alternatives projects in medicine, veterinary medicine and biological science education and training, and helped develop specific animal protection campaigns in Portugal. As part of the Portuguese Society for Humane Education (SPeDH), she was responsible for the Portuguese translation of the InterNICHE book "from Guinea Pig to Computer Mouse" (2nd ed.), and was part of the organising committee for the I and II International Conference on Alternatives to Animal Experimentation (Portugal, 2013 and 2015). In 2015, Mariana became the chair of SPeDH and the manager of the InterNICHE Alternatives Loan System, an international library of humane learning tools. Since 2016 she has been InterNICHE Committee member and National Contact for Portugal, further contributing to humane education and alternatives work in the country and to resource production internationally.



Nick Jukes
Co-ordinator of InterNICHE
coordinator@interniche.org

Nick Jukes is Co-ordinator of InterNICHE, the International Network for Humane Education. Based in the UK, Nick has been working internationally for over 20 years to enhance education and training in the life sciences through curricular transformation and replacement of animal experiments. He co-authored the 2nd edition of the book from Guinea Pig to Computer Mouse (InterNICHE, 2003) and has published widely on replacement alternatives. He has helped establish a range of international resources and projects including the InterNICHE Humane Education Award, 8 international libraries of alternatives, and the InterNICHE website www.interniche.org, with its academic and alternatives databases. Nick has co-organised conferences, training seminars and multimedia exhibitions across the Americas, Europe, Africa, the Middle East and Asia, including at the World Congresses on Alternatives and Animal Use in the Life Sciences. InterNICHE activity has led to widespread direct replacement of animal experiments and dissections. Targeted initiatives in the Ukraine and Russia have replaced the annual use of over 50,000 animals, and extended campaigning in India has contributed to a decision to drop dissection from the national zoology curriculum, with the annual use of up to 60 million animals being replaced. Nick, InterNICHE and its partners have won a number of awards for provision of resources, global networking and replacement work, including the RSPCA Lord Erskine Silver Award (2011) and the Lush Prize for Training (2012, 2015 and 2016).

Atelier

Exhibition, demonstrations and trial of software, models, mannekins and
simulators

Responsables : Pr. Benhamza L., Dr. Tekkouk F., Dr. Gherroucha D., Dr. Hireche S., Dr. DIB
A.L., Dr. Boultif L., Dr. Boudebza A., Dr. Lakhdara N., Pr. Bensegueni A., Dr. Ridouh R., Dr.
Torche S., Ayadi O., Mansour A., Dr. Bougherara H.

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