



School of Medicine
Ysgol Meddygaeth

‘Adding a few herbs and spices to A-level science lessons’

Seminar Room B, Education Suite

University Hospital of Wales

Wednesday 13th March 10:20-11:20 and 13:00-14:00

Thursday 14th March 10:20-11:20 and 13:00-14:00

Teacher CPD

Dr Keith Hart MAcadMEd, Dr Sarju Patel PhD

Lecturer's, School of Medicine

These sessions are in response to teacher feedback requesting guidance on enhancing delivery of this aspect of the curriculum and aim to provide an introduction, plus routine and blue sky applications of the following biomedical research techniques.

- PCR
- Gel electrophoresis
- Affinity and Ion exchange chromatography
- Use of Mass Spectrometry to identify mystery proteins using fragment analysis

We may also touch on the following techniques:

- Titration
- NMR and IR
- HPLC

Attendees will receive an e-certificate of attendance for their Learning Portfolio and a copy of the presentation.

To register your interest please email medicengagement@cardiff.ac.uk

‘Ychwanegu rywfaint o berlysiâu a sbeisiau at wersi gwyddoniaeth Safon Uwch’

Ystafell Seminar B, Cyfleuster Addysg

Ysbyty Athrofaol Cymru

Dydd Mercher 13 Mawrth 10:20-11:20 a 13:00-14:00

Dydd Iau 14 Mawrth 10:20-11:20 a 13:00-14:00

Athro DPP

Dr Keith Hart MAcadMEd, Dr Sarju Patel PhD

Ddarlithydd, Ysgol Meddygol

Mae'r sesiynau hyn yn ymateb i adborth gan athrawon yn gofyn am arweiniad ar wella sut y cyflwynir yr elfen hon o'r cwricwlwm. Eu nod yw rhoi cyflwyniad, trefn a cheisiadau pen agored o dechnegau ymchwil y gwyddorau biofeddygol canlynol.

- PCR
- Electrophoresis gel
- Cromatograffeg cyfnewid Affinedd ac Ion
- Defnyddio Sbectromedr Màs i adnabod proteinau dirgel trwy ddadansoddi darnau

Gallem hefyd sôn am y technegau canlynol:

- Titradiadau
- NMR ac IR
- HPLC

Bydd y rhai sy'n dod i'r digwyddiad yn derbyn e-dystysgrif presenoldeb ar gyfer eu Portffolio Dysgu a chopi o'r cyflwyniad.

**I gofrestru eich diddordeb, anfonwch e-bost
medicengagement@caerdydd.ac.uk**