

European Academy of Hospital Pharmacy Biotechnology Educational Summit

WELCOME
Introduction and Overview

Why are you here?

Course Aim

To increase the knowledge and understanding of biotechnology in hospital pharmacy within Europe.

Course Objective

To determine mechanisms for dissemination of relevant, current knowledge and understanding.

What we have to achieve?

We, the EAHP, Amgen sponsors, EurAHP and the invited expert speakers have to ensure that you:

- Have the correct level of knowledge and understanding
- Have a clear vision as to how and what you will do when you return to the country that has sent you
- Commit to telling US what you have done!

Background

- Five years in the making! (Arnold Vulto)
- 2006: Hospital Pharmacists meet and agree four themes
 - *Biotechnology*
 - Evidence-based medicine
 - Aspects of compounding
 - Management
- Key drivers – emerging technology and UNFORSEEN complications/risk (eg TGN1412, Northwick Park)

Background

- 2006: European Association of Hospital Pharmacists agree to form the **European Academy of Hospital Pharmacists to train hospital pharmacists**
 - Sponsor: AMGEN
 - Multiple committees
 - Course directors
 - Daan Crommelin, Wim Jiskoot, David Gerrett
- What can you expect?



Embarrassment!

You want to ask a question and you don't know who you are addressing!

You want someone else to ask the question so you don't appear ignorant!

You can't hide, there are only ~40 of you!

Who are we?



Dave Gerrett

Who are we?



Daan Crommelin

.....He'll be here on Thursday!

Who are we?



Wim Jiskoot

Who are we?



Huub Schellekens

Who are we?

Harald Sitte



Who are we?



Bruno Gander

Who are we?



Roger Tredree

Who are we?

Friedrich Möll



Who are we?

Well...

1. You won't get this many experts together again
2. The CVs would stack to the ceiling: Professors, Directors, Heads of Pharmacy; and...
3. ...They have given up their time because they believe in disseminating the knowledge

Don't let us down!

To be clear

Biotechnology = BioPharmaceutics (production) + Clinical pharmacology and therapeutics of biologically engineered compounds for human use

What will happen

- The three days of sessions have been designed to cover a broad range of topics in biotechnology
- Each will start with learning objectives and end with a summary... if you are LOST, then ASK!
- At the beginning and end of each day we will summarise HOW we are moving towards the summit's objective to 'determine mechanisms' for dissemination

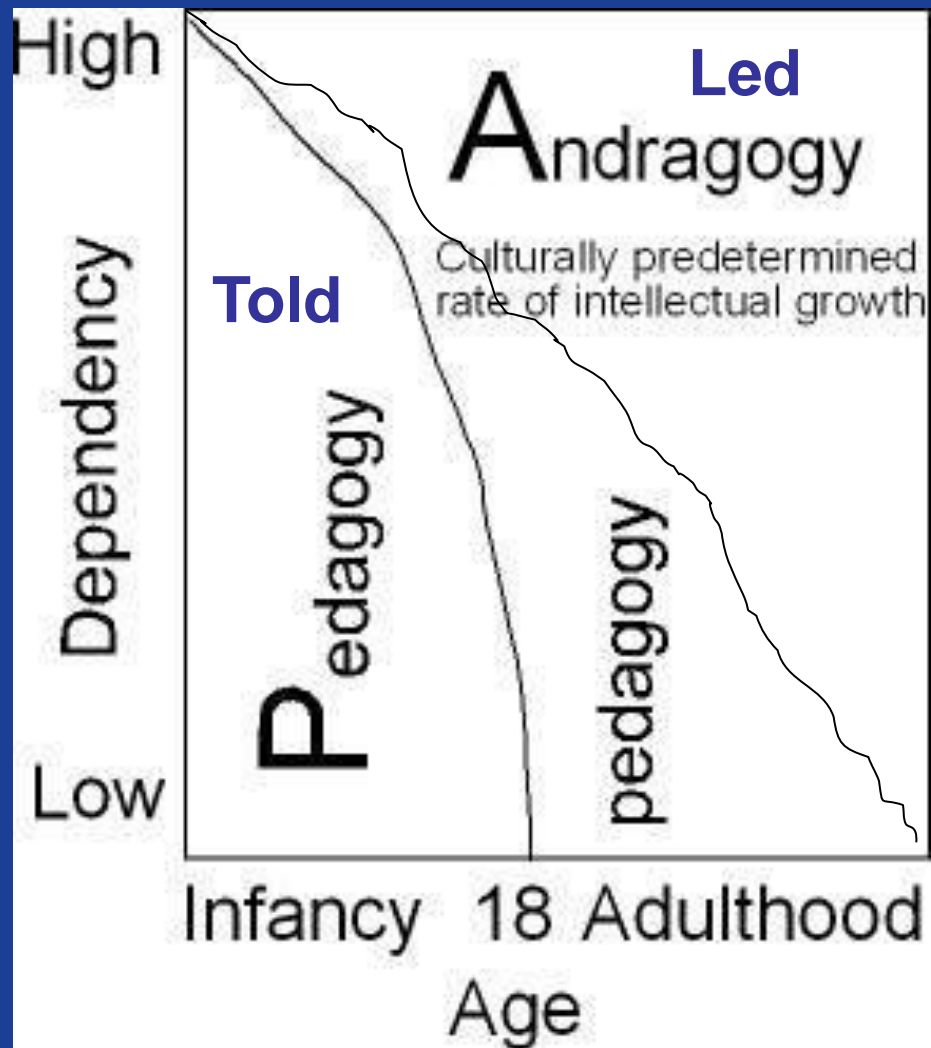
What you have

- The programme
- No such thing as a 'free lunch'
- A series of learning opportunities
- The opportunity to ASK questions of experts in order to clarify your understanding
- Three days to consolidate HOW you are going to disseminate the information

Dissemination and learning

- Adult learning theory
- Lets get rid of Pedagogy!

Learning



This means what?

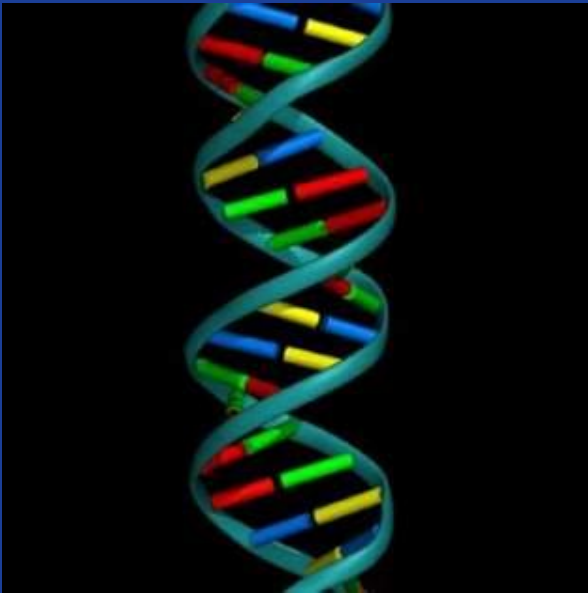
- Clarify cultural orientations to learning ('told' or 'led')
- Audience must understand the *need* to know
- Accept and work with previous experience
- Be aware of people's readiness to learn
- Capitalise on motivation (professional, emotional)

- And remember there is always one bright-spark in the audience, but on balance you probably know more than most!

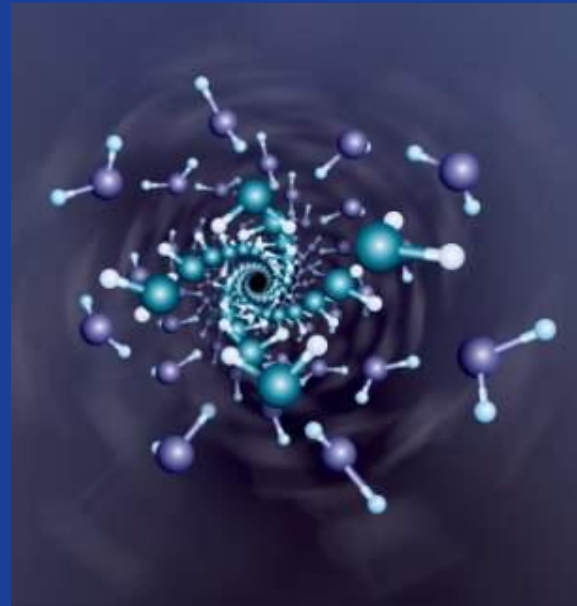
Dissemination and Learning

- Adult learning theory
- Lets get rid of Pedagogy!
 - How do we remember?
 - How do we learn?
 - How are you going to teach!

But how do we remember?



'Easy' DNA



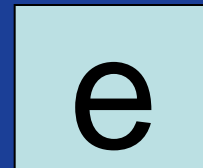
Nano-ice double helix DNA:
...Not so easy, but colourful
and theoretical. You ***MIGHT***
remember this because of
association

How do we remember?

- By association
- By repetition That's why we have emphasised GRAPHICS in the summit

By visualisation

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Dissemination

How?

We are here to find out and help you!

- Lectures
- Seminars
- Part of a conference
- Continuing Professional Development event
- Online discussion groups
- Educate through specialist groups (180 in the UK alone)
- Collaborate with an educational organisation
- Be THE recognised source of information – they come to you!

Dissemination

How are we going to help?

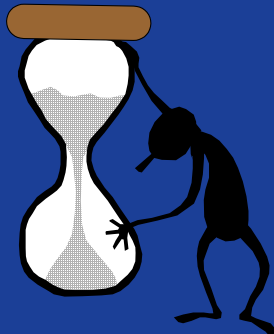
- During the sessions discussions will be noted
- Your educational resource needs will be highlighted
- A resource pack matching as closely as possible your needs will be produced, the 'Lecture-in-a-box' approach
- **So 'we' can only be as good as your advice to us!**

Dissemination

Please note: you can't publish a paper with the graphics as the copyright does not extend that far - unless you discuss the matter with EurAHP first

Dissemination

- You should exit the event with a clear understanding as to what and how you will disseminate the required knowledge and understanding in your area of influence
- You commit to telling us within one year the 'audience reach' you have attained
- We TRACK you down, we collect this information and it helps define the next three areas of EurAHP activity.



Your task

Terms explained

- **'Back office'**
Hospital staff involved in the production and supply process excluding aspects directly involving patients
- **'Front office'**
Hospital staff activities involving direct interaction with patients
- **'Management'**
Hospital staff who get things done with the aid of people and other resources, but not personally
- **'Basic'**
Have heard of the word Biotechnology but have little knowledge or understanding of the pharmaceutical products derived
- **'Intermediate'**
Understand the term, basic techniques and implications of Biotechnology and have a working ability to integrate such skills with practice
- **'Advanced'**
A clear appreciation of most aspects of Biotechnology and working to progress its knowledge and application.

Your task

1. The organisation 2. Yourself		Position in Organisation		
		Back office	Front office	Management
Skill	Basic			
	Intermediate			
	Advanced			

1. An 'average' hospital

		Position in Organisation		
		Back office	Front office	Management
Skill	Basic	29	6	21
	Intermediate	4	26	12
	Advanced	2	1	1

2. Yourself

		Position in Organisation		
		Back office	Front office	Management
Skill	Basic	4	3	1
	Intermediate	0	10	5
	Advanced	1	1	5

[No return (10), Spoiled (2) n=42-12]

What we can say

- 50% (15/30) of attendees work in the Front Office and have intermediate skills
- In the organisation 79% (26/33) of Front Office have intermediate skills
- The differences are in Back Office and Management where the skills are basic
- **Question: “Who do we/you educate?”**
If it is the Front Office, does that mean we need to take the Organisation from Intermediate to Advanced Skill? That means YOU need to go from Intermediate to Advanced!

So.....!

It's a good thing you are here, and we have not got a lot of time!

