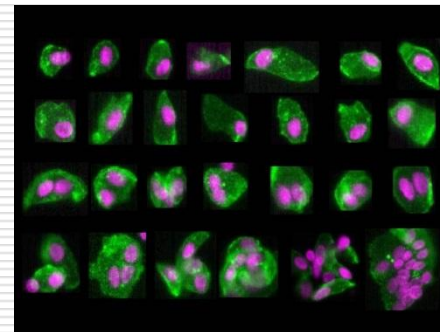
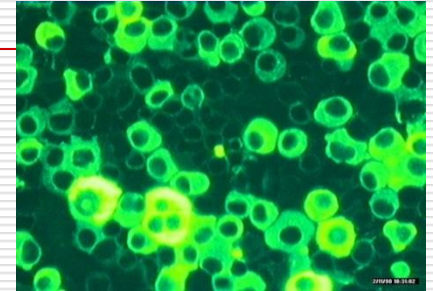


CONTENT CURATION FOR HEALTH AND WELL-BEING A WAY for MDs AND PATIENTS TO SURVIVE INFOBESITY?



GC Faure
MD, PhD
Prof Immunology
Université Lorraine



Patient Empowerment

capability education coaching
ability knowledge opportunity

from one shot medicine to...

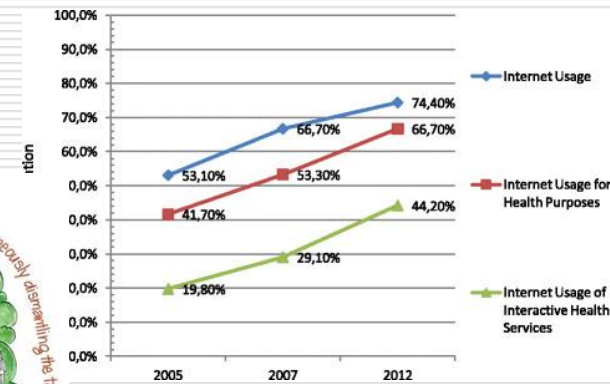
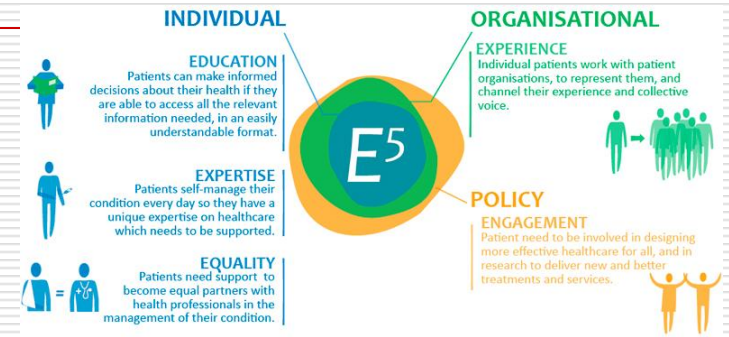
Chronic diseases

Diabetes

Gout: Patient education or

Physician education (M Doherty)

Colon cancer



Medical End-users?

University Teachers

Researchers

Trainees and students

*Producers and consumers of
information*

MDs and patients

General audience

(Am I an usual end-user?)



Once upon a time, in 1975 but in 2015 another illusion!

- « Je suis la référence » sic

- GOOGLE:
notrefamille.com
- Wikipedia?

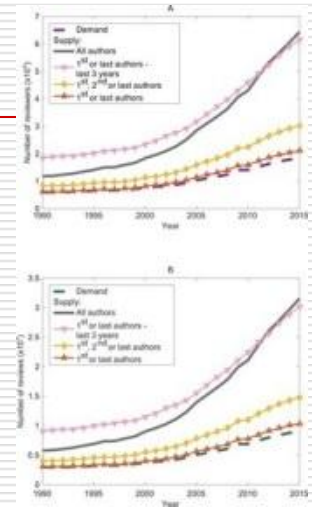


KM : Knowledge Management

- Surfing the information wave
- Keeping abreast of information

Published papers, Books, Journals

2,5M papers a year, X2 every 9 y



+ Grey literature: since the 90's

"Between the extremes of
black and white"

- published journals
- books
- professional society conference proceedings
- preprints
- e-prints
- technical reports
- lectures
- numeric data sets
- audio/visual media
- blogs
- fora, etc.
- ideas
- concepts
- thought

Grey = Deep



OKM: OPEN Knowledge Management

Internet

*So much information,
it becomes grey*



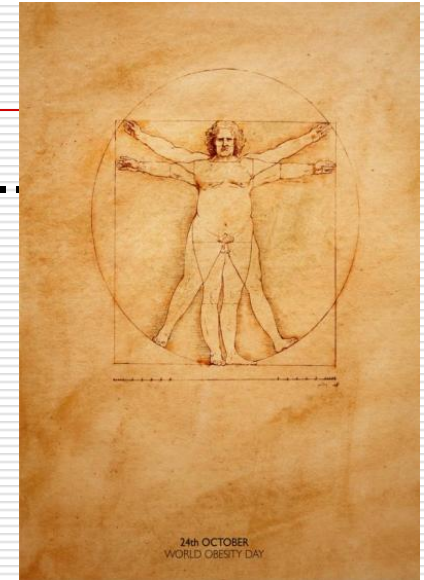
And the OPEN Revolution
OPEN Access (Gold or Green)
*an hindrance
or an opportunity...*



Recent Evolutions and Concerns

INFOBESITY

- **Too much** information is killing information...
- **and Knowledge**
 - Surinformation, Pollution informationnelle,
 - Harcèlement textuel
- **Networking**
 - From individuals and communities of interest
 - To (social) networks



Information Literacy (IL) in higher education:

- **Society 2020 requires**

- Multi-skilled learners
- Able to think critically
- Pose and solve problems
- Become independent and life long learners

- **Postgraduate and PhD students**

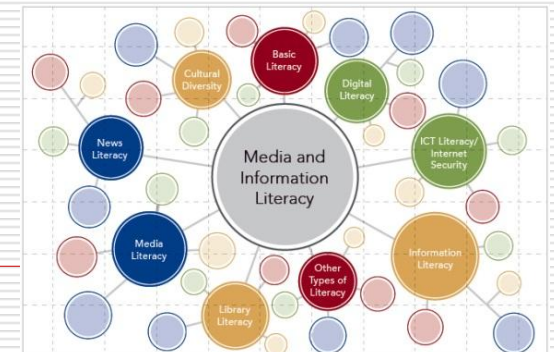
- **OCDE and UNESCO: (MIL) Media and Information Literacy**

Recognize needs of information!!

Localize information!

Select information

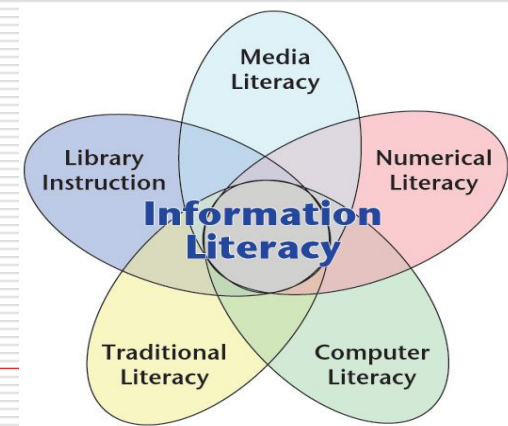
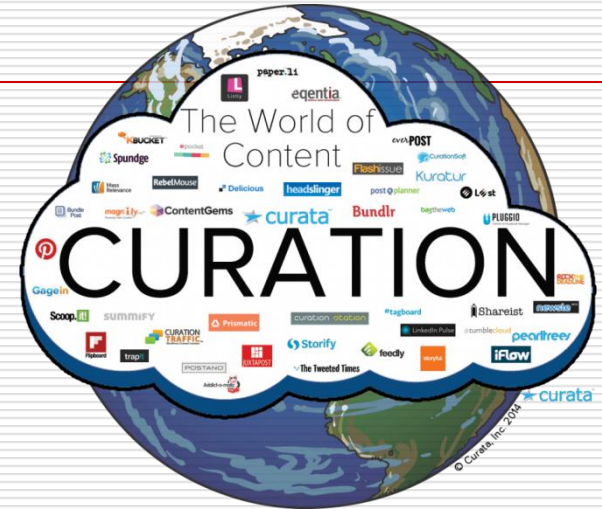
Organize information



CURATION for knowledge management

What is curation?

- A recent concept
- Many tools
- **Scoop.it** Vs other tools
- Experiences with Scoop.it in immunology
- Other experiences for
 - Other fields of Research,
 - **Science mediation**
 - Information literacy



Curation is... gold panning Or DJ playing or browsing and scrapbooking

- Selection
 - Agregation, distillation,
 - Information you would never had searched for
- Commenting
 - Editorialisation
 - Elevation, mashup
- Diffusion
 - Sharing
- Retrieving



Curation tools (>50)



- Google news
- Pearltrees, Paper.li, Pinterest, Tumblr, Storify, Sharezy, Flipboard...

- **Scoop.it**

- A french and californian start-up
- Various plans (Individual, Education, Business)
- Growing

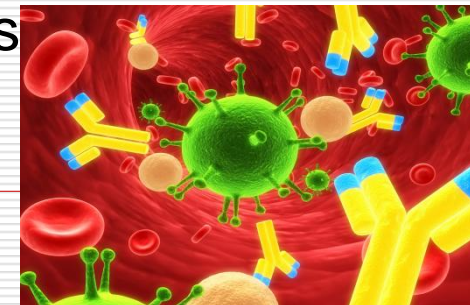
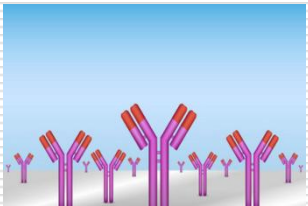


Topics covered



with colleagues from Portugal, Schweiz, Spain, US, France

- Basic Science, Biotechnologies, BioTherapies
 - **Immunology (>5,8K scoops, >70K visitors, >101K views)**
 - From Flow Cytometry to Cytomics (3.9K scoops, >18,5K views)
 - Immunology and Biotherapies (5,7K scoops, >14K views)
 - Mucosal Immunity (2,9K scoops, 7,5K views)
- **Immuno-Pathology**
 - Autoimmunity, (2,5K scoops, 6K views)
 - Allergy and clinical immunology



Other Immunology projects using Scoop.it

- Industry Consultant

- K Maggon Immunotherapies
Biotherapies 10 topics!



- Teachers, researchers and students

- **MdC Nancy Immune monitoring**
- **RC NY USA Diabetes**
- JL USA Complement and PNH 10 topics
- *XW China ENT*
- MH Nancy allergie alimentaire
- Master students



» *Vs resources using other curation tools:
Pinterest, Tumblr, PaperLi, Flipboard*

Topics covered in



Medicine (2M views, 159K scoops, 125 recommended topics such as immunotherapies and Cancer, Alzheimer, Breast cancer, Autoimmune diseases, diabetes, heart diseases, telemedicine, drugs...)

Health (10M views, 632K scoops, 546 recommended topics),

Well Being (1.7M views, 62K scoops, 134 recommended topics),

Biology (2.4M views, 101K scoops, 110 topics recommended)

Science (4M views, 213 K scoops 154 topics recommended)

Contents

Focused or serendipitous



Building and enrichment of **content hubs**
(/individual or group curation)

- **Crawling of internet** through keywords +++
 - Sources: Published Journals,
 - Websites, Blogs, Press releases
 - Social networks (Twitter, Linkedin, Facebook..) Research social networks
- **Curating when browsing** (Use of applet)
- **Reposting** of scoops (from followed topics)
- **Creation** of scoops + publishing (Slideshare)

Contents

Are shared

OPEN and actualized webmagazine

Tagged, commented, discussed

Attractive (pictures)

Rediffused on other networks (Twitter,
Linkedin (25) Facebook, Google+

Via e-amils, newsletters

Are Searchable for retrieving



Challenges



Human dependency for curation

A « day to day » duty for scientists and researchers like « walking the dog »

Permanence of tools

Individualism of researchers

Reluctance to share



Benefits for teachers and researchers end-users



(1) Keeping abreast of scientific (and societal) information for individual continuous education and *e-learning*

(2) Building leadership in a dedicated field



(3) Joining a network of specialists and communities of interest

(4) Open serendipitous research fields

Benefits for students and trainees end-users



(1) Building personal content hubs for their master and **PhD training projects**

(2) Building e-portfolios

(3) Becoming **information literate** and able to surf the information wave



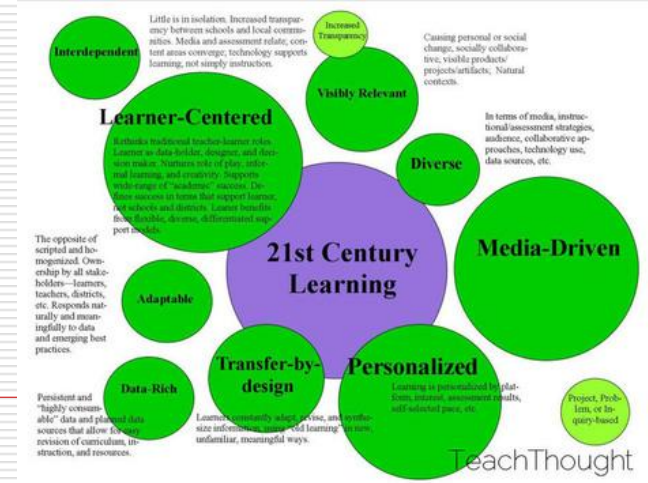
(4) Becoming information literate for future **life long learning** in universities research centers or industry

Opportunities

New ways of teaching: **Flipped learning**

Help students master information techniques; **learning by doing**

Stimulating **curiosity** in a field and adjacent areas



Benefits for MDs and Patients

Build a link with patients (Blog, websites)

Patient empowerment network



Patient
Empowerment
Network

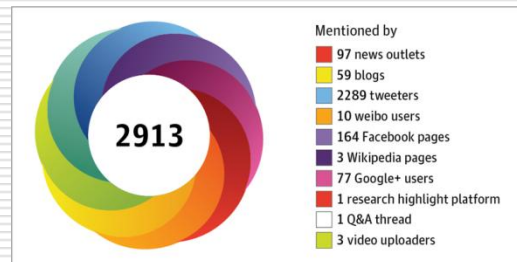
Information: relevance, quality

Altmetrics?

CME/CPD

Medical Content Curation

Or « Dialogue Médecin Malade »



Disclaimer

once upon a time...

Europe SCICOM meetings

Paris MRES Comité stratégique IST

UHP Nancy 1 Chargé de mission DOC

AUF: ASSIM: maître toile

(<http://www.assim.refer.org>)

<http://www.scoop.it/u/gilbertcfaure>

No conflict of interest to declare

