

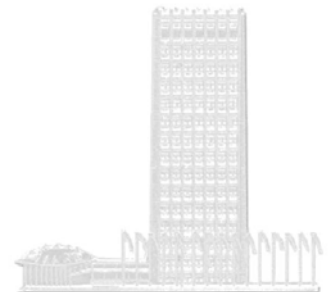
Publishing in biospecimen science



Pierre Hainaut
International Agency for Research on Cancer
World Health Organization

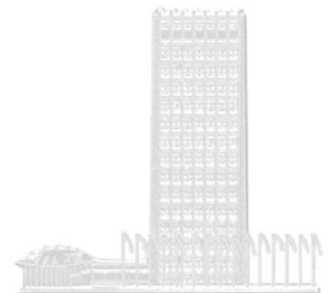


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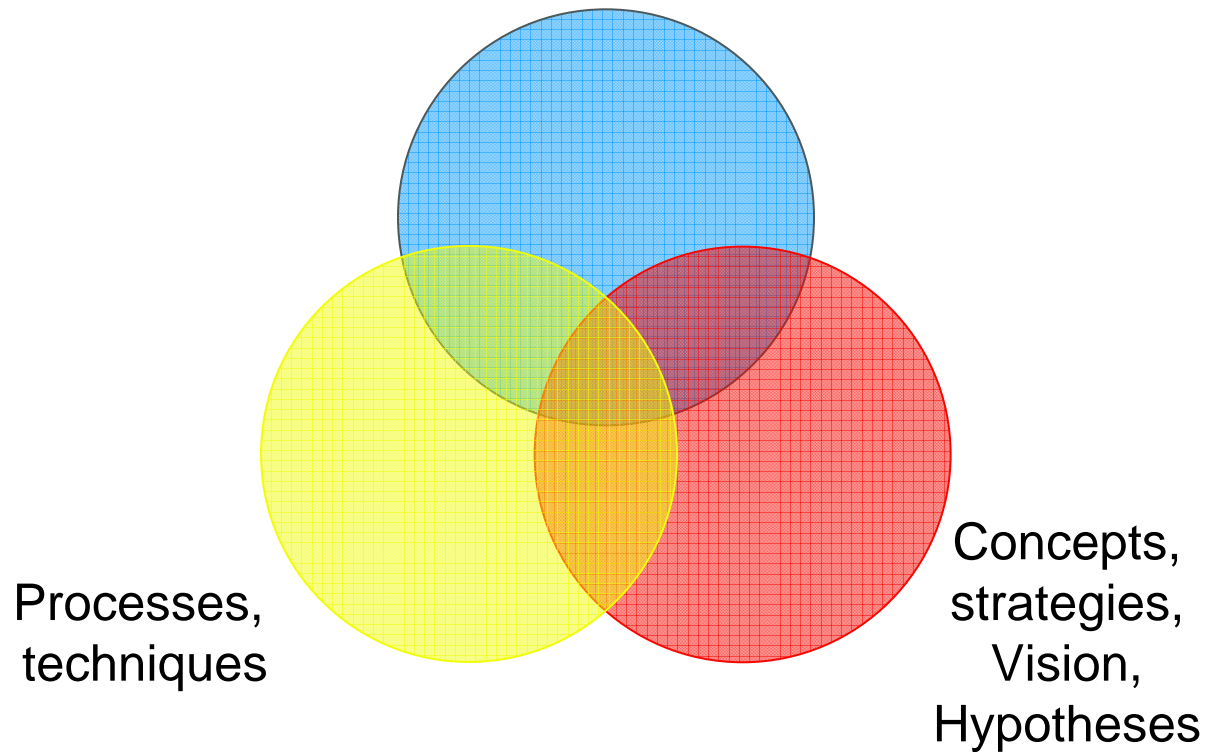
Questions

- Why is it difficult?
- Who is our target audience(s) and how to reach them?
- What should we publish?
- Where should we publish?
- Enhancing profile beyond publication

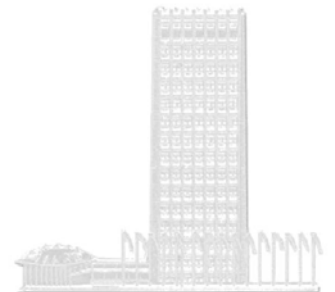


Why is it difficult

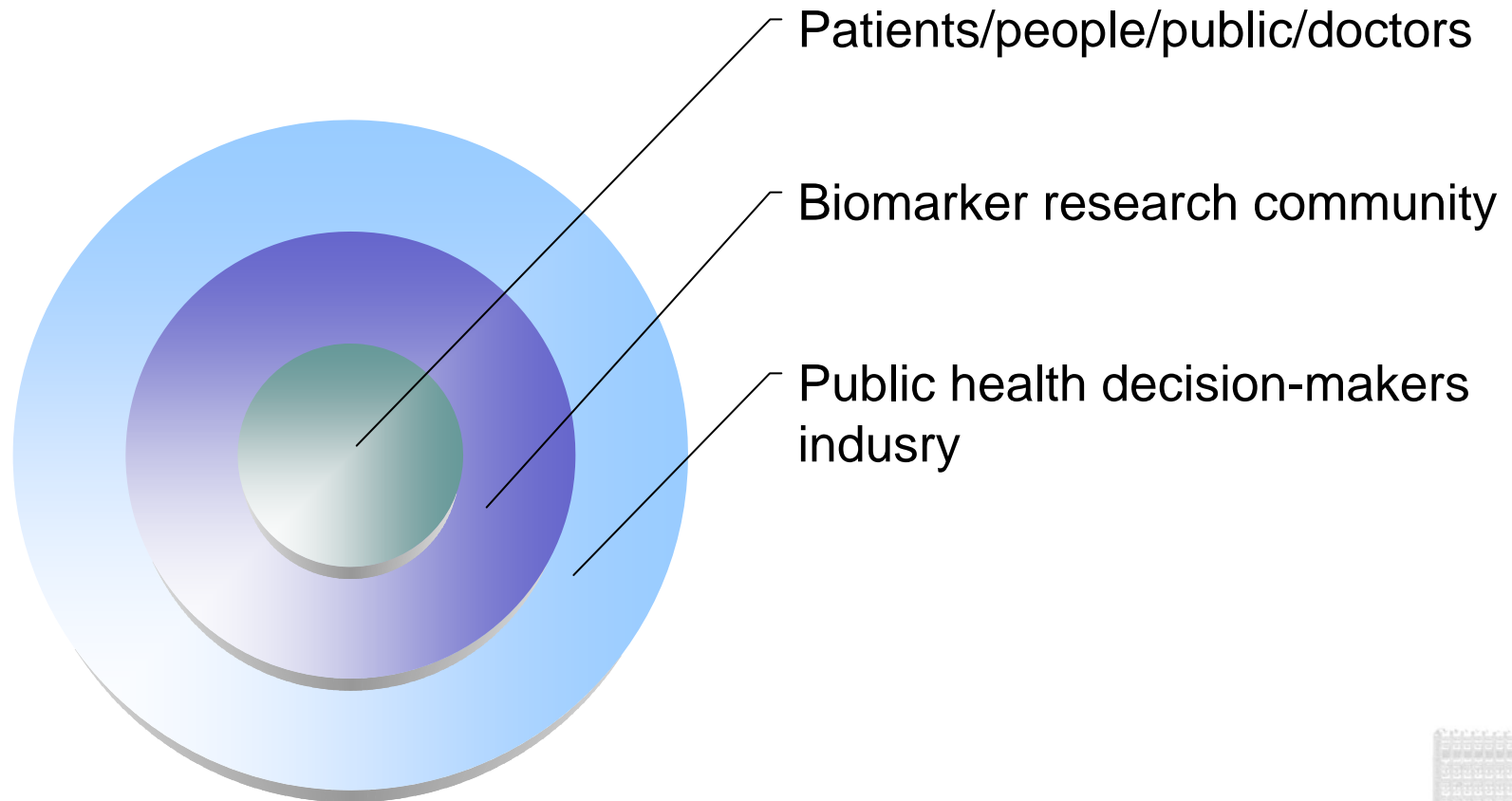
Management/infrastructure



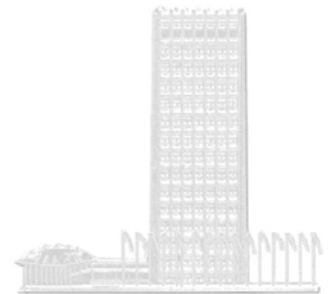
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Target audience(s)

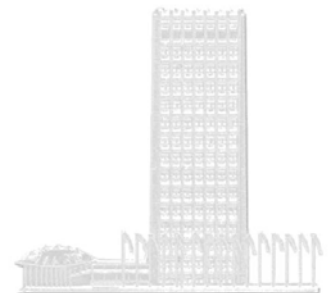


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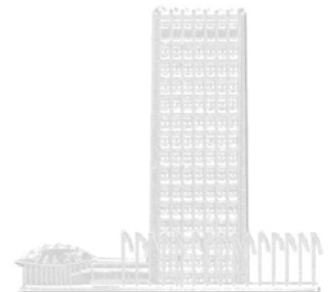
What?

- Guidelines/best practices
- Research on processes: emphasis on pre-analytical processes and on new concepts/methods for high throughput
- Research on design, concepts, innovative approaches to medicine (e.g. prevention/early detection research)
- Ethical, societal, evaluation of impact



Where?

- High profile Journal(s) for Biospecimen science (Open access, reviews)
- Regular sections in disciplinary/interdisciplinary journals
- Special issues (ad-hoc; regular- e.g. Nucleic Acids Database special issue of the 90's)
- Web-based gateways, wikis...
- Textbook(s)

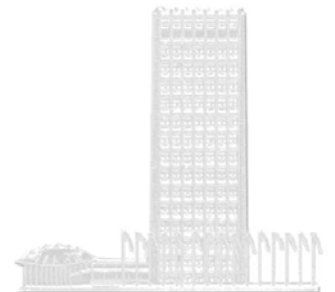


Beyond publication

- Sessions in major conferences
- Teaching/training programs
- Public communication initiative: International Prize in Biospecimen Science (token medal but true visibility)
- A strong international forum; global interest group
- Professional organizations, think tanks, workgroups (OECD, WHO,.....)



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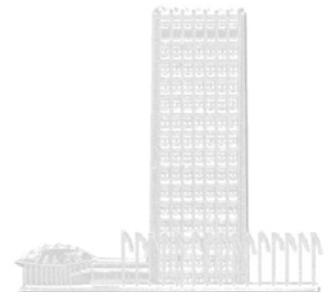
Increasing visibility and impact of
biospecimen science:
publication, training, networking

Publishing

- Biospecimen science as interface between scientists, physicians, patients and people
- High profile international journals focusing on biospecimen science
- Strong presence in mainstream journals in epidemiology, clinical sciences, genetics, etc...
- Publication initiatives targeted to scientific/medical communities: journal special issues
- Interactive publication «gateways » maintained by publishing companies with global outreach
- International competition/Prize in Biospecimen science



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Application Notes
An extensive collection of technical performance of interesting new applications of laboratory technology suppliers.

Functional Glycomics Gateway
A collection of research data, data synopses, and news and even collaboration between the Consortium and NPG.

Neuroscience Gateway
An archive of research highlights and technique advances in neuroscience.

Nature Protocols
A new interactive online resource for high-quality laboratory protocols.

Nature Reports Stem Cells
A hub of information about the science, politics, ethics and clinical applications of stem cell research.

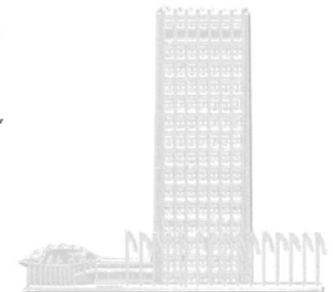
An extensive portal into publications relevant to large-scale biology from journals throughout NPG.

Nature Reports Climate Change
Nature Reports: Climate Change covers the news behind the science and the science behind the news of global climate change, arguably the most far-reaching challenge of this century.

Nature Network
NPG's free Web 2.0 toolkit connecting scientists worldwide — facilitating personal homepages, networking, online discussions, open or private groups and tagging.

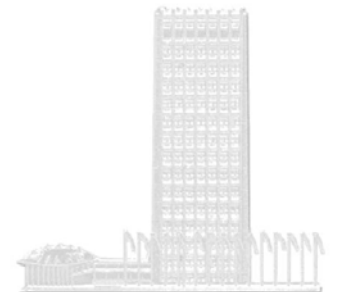


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Training and teaching

- Introducing Biospecimen management courses in biomedical/bioscience teaching programs
- International courses in Biobanking
 - Common corpus of scientific knowledge and practice
- Curriculum in Biospecimen Science
 - Master Degree in Biospecimen Management
 - Doctorate (PhD) training



Networking

- Between biobanks: ISBER, Marble Arch
- International dimension: FIBO, P3G
- Involving stakeholders: patients/people, industry, public health community
- Sharing specimens, exchanges, sending and shipping: international protocol on biospecimen sharing for the global advancement of medicine

