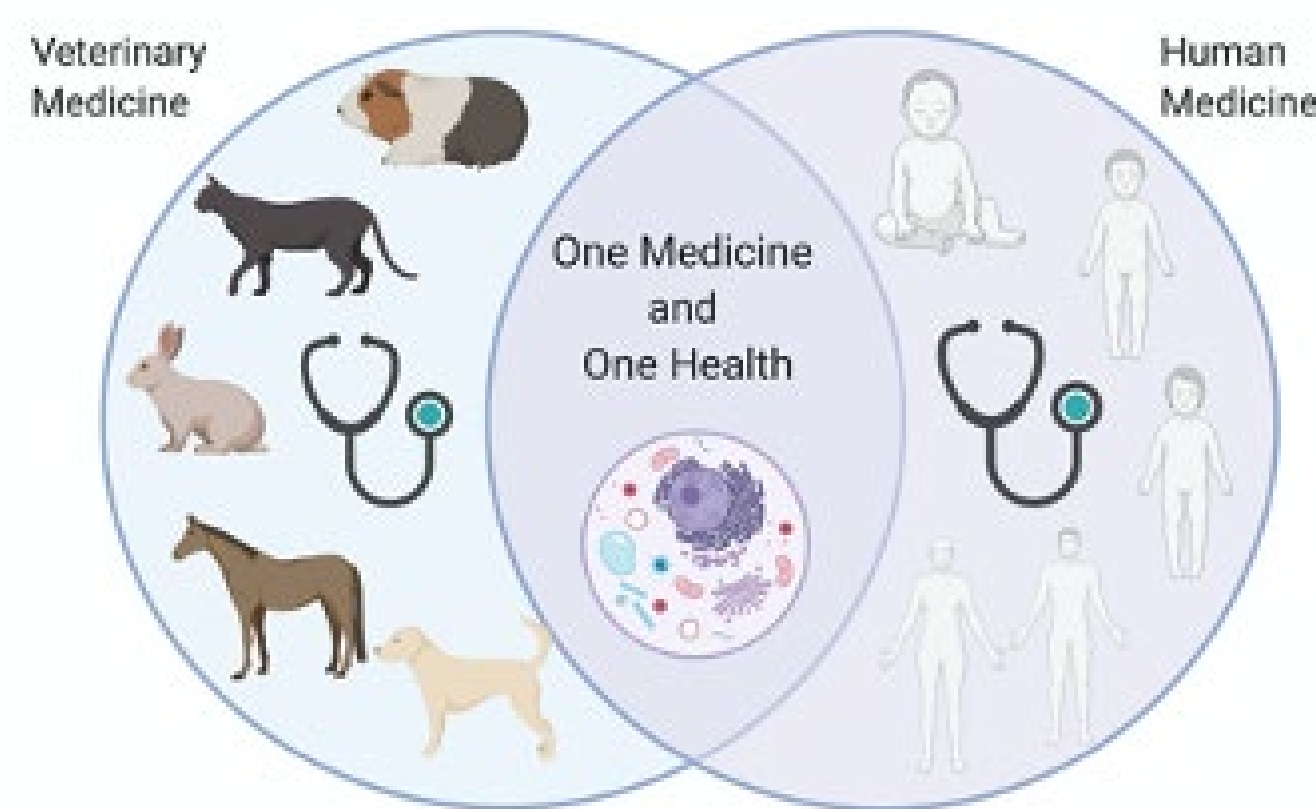


THE VETBIOBANK: LEADING THE WAY IN INCORPORATING VETERINARY SAMPLES INTO THE BBMRI CONSORTIUM

M. Wieser, S. Burger, S. Kummer, J. Schär, M. Stargardt, I. Walter

VetBiobank, VetCore Facility for Research, University of Veterinary Medicine, Vienna, Austria



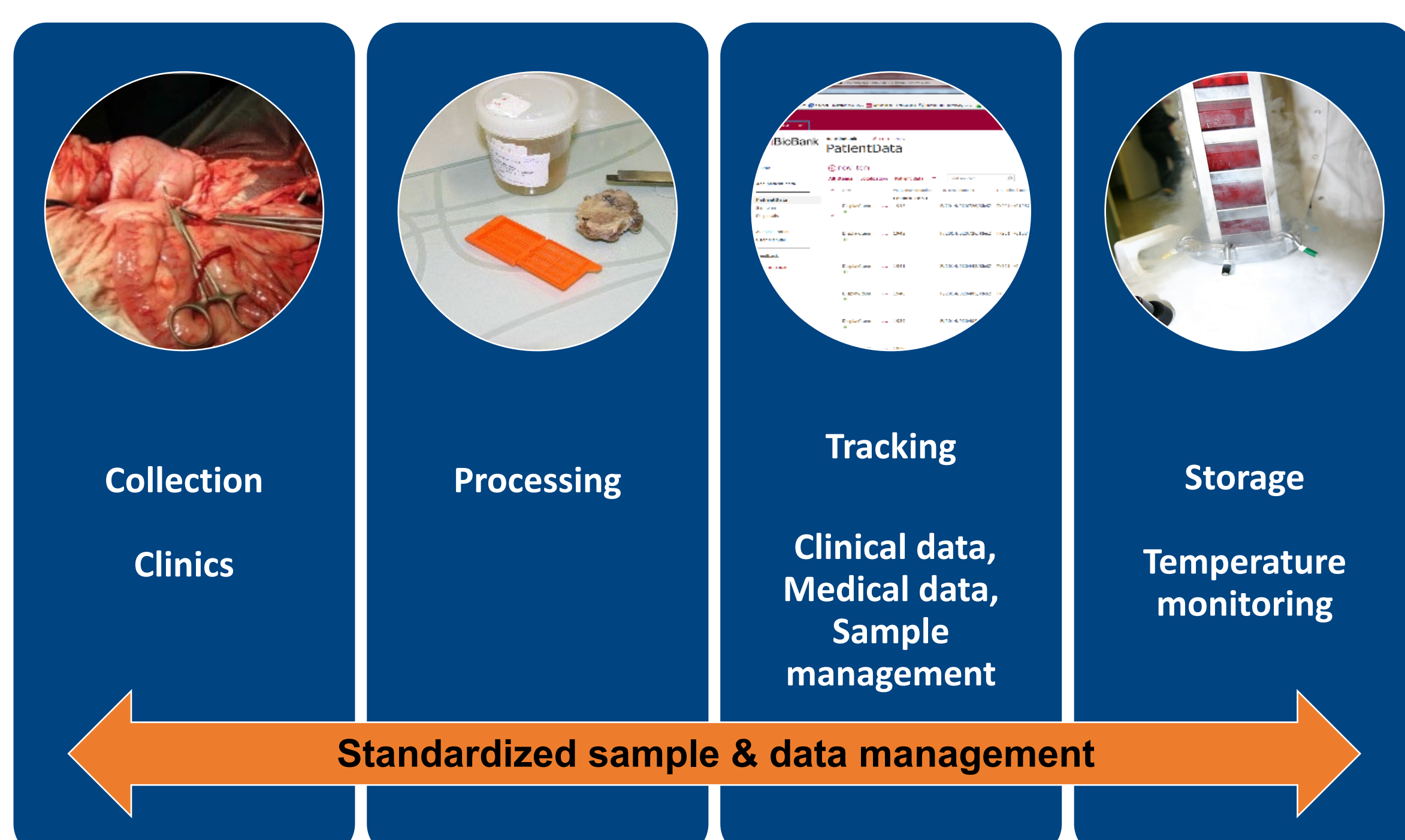
<https://twitter.com/deemsharon/status/1480231897607385091>

Why include Clinical Veterinary Collections?



- ✓ Clinical veterinary samples with standardized sample and data management provide **the basis for comparative analyses between human and animals.**
- ✓ Those samples are highly valuable for **comparative medicine**, including comparative oncology (**IEU mission on cancer!**) and **OneHealth** research topics.
- ✓ They can make an important contribution to human and animal health.

BBMRI National Nodes



VetBiobank BBMRI.at

Location: University of Veterinary Medicine, Vienna

Founded: 2007

Consortium Partner of BBMRI.at since 2013

Type: Non-human (companion animals)

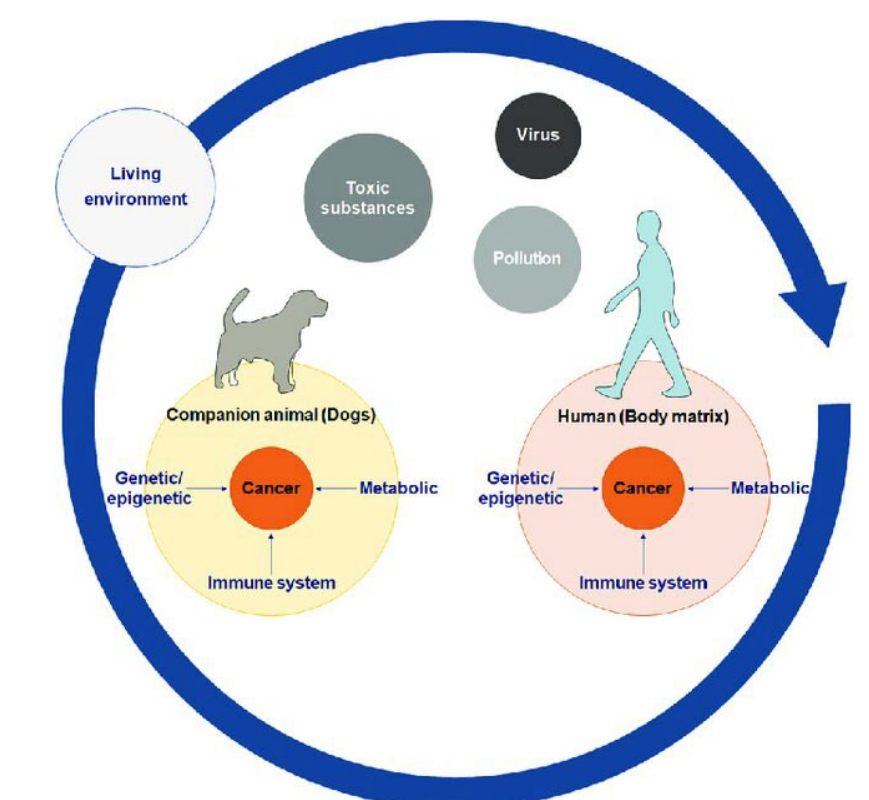
Disease based

Focus: Tissues from tumor & healthy reference samples

Size: >65000 samples

Quality: Standardized sample management, preanalytical standards implemented (ISO20166, ISO20184)

Description: DOI: <https://doi.org/10.5334/ojb.60>



Oh, J.H., Cho, J.Y. Comparative oncology: overcoming human cancer through companion animal studies. *Exp Mol Med* 55, 725–734 (2023). <https://doi.org/10.1038/s12276-023-00977-3>

Why join the BBMRI consortium?



- ✓ Benefit from the already established knowledge and built-up infrastructure for biobanking.
- ✓ Harmonize sample and data management with that of human samples, to provide the basis for comparative research (human vs animal).
- ✓ Those samples are highly valuable for funded research projects.
- ✓ The implementation of relevant quality standards also improves the reproducibility of research on animal topics.



BBMRI-ERIC Headquarters

