



CMDO
Réseau de recherche en
santé cardiométabolique,
diabète et obésité

CMDO Webinar Series

December 8, 2022 - 12h(noon) – French speaking webinar

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«*The NuAge Database and Biobank: a resource for cardiometabolic health research in Quebec seniors*»

Valérie Turcot, PhD, NuAge Coordinator – Centre de recherche sur le vieillissement, CIUSSS de l'Estrie-CHUS

Pierrette Gaudreau, PhD, FCAHS, Professor and researcher (NuAge biobank) – Centre de recherche du CHUM, Université de Montréal

Description of the NuAge cohort and the opportunities offered by the «NuAge Database and Biobank»

The purpose of this portion of the webinar is to present the composition of the NuAge cohort (2003-2008 follow-up) and list the comprehensive data and biological samples available in the NuAge Database and Biobank. Supported by the acquisition of new data in 2023-2024 (genotyping chip, medico-administrative data, survivor follow-up), several research opportunities related to the themes of CMDO and aging will be discussed, as well as how researchers can access to these research banks.

Estelle Pujos-Guillot, PhD & Blandine Comte, PhD – MetaboHUB (*Metabolism Exploration Platform*), INRAE-Université Clermont Auvergne

Presentation of the MetaboHUB project and the contribution of metabolomics as a phenotyping tool

This part of the webinar aims to present the collaborative project between MetaboHUB and the NuAge Database and Biobank (Comte et al., EBioMed 2021). In particular, in the context of the development of precision medicine/nutrition, the contribution of a multi-platform metabolomic approach for the integrative exploration of metabolic syndrome will be developed. This methodology represents an opportunity for a better understanding of metabolic phenotypes, as well as for the development of new tools for stratification of elderly populations.

Following the presentations, a panel discussion with our experts will follow (share your questions in the Q&A section)