

REDEEM

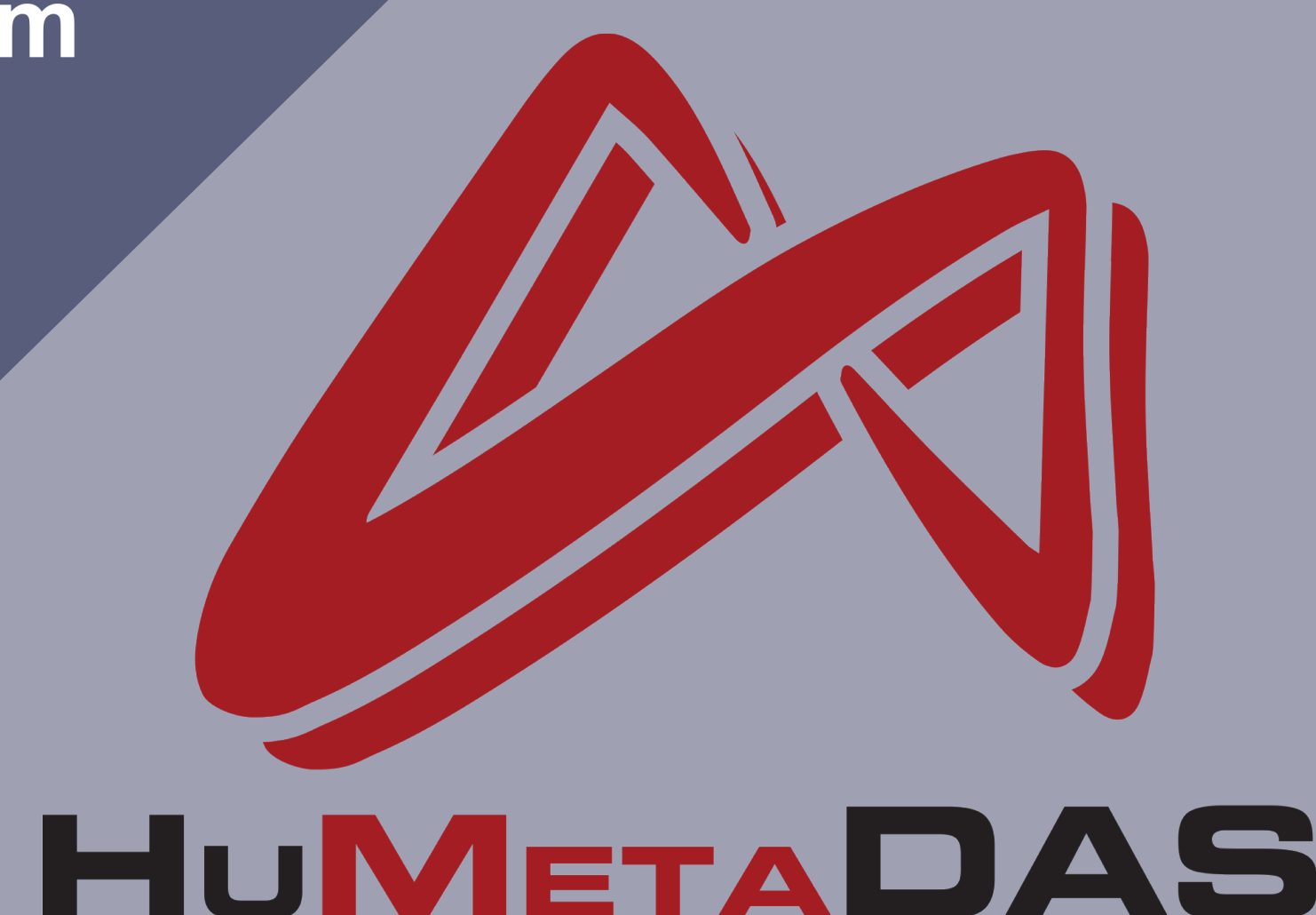


A new therapeutic approach to type 2 diabetes mellitus

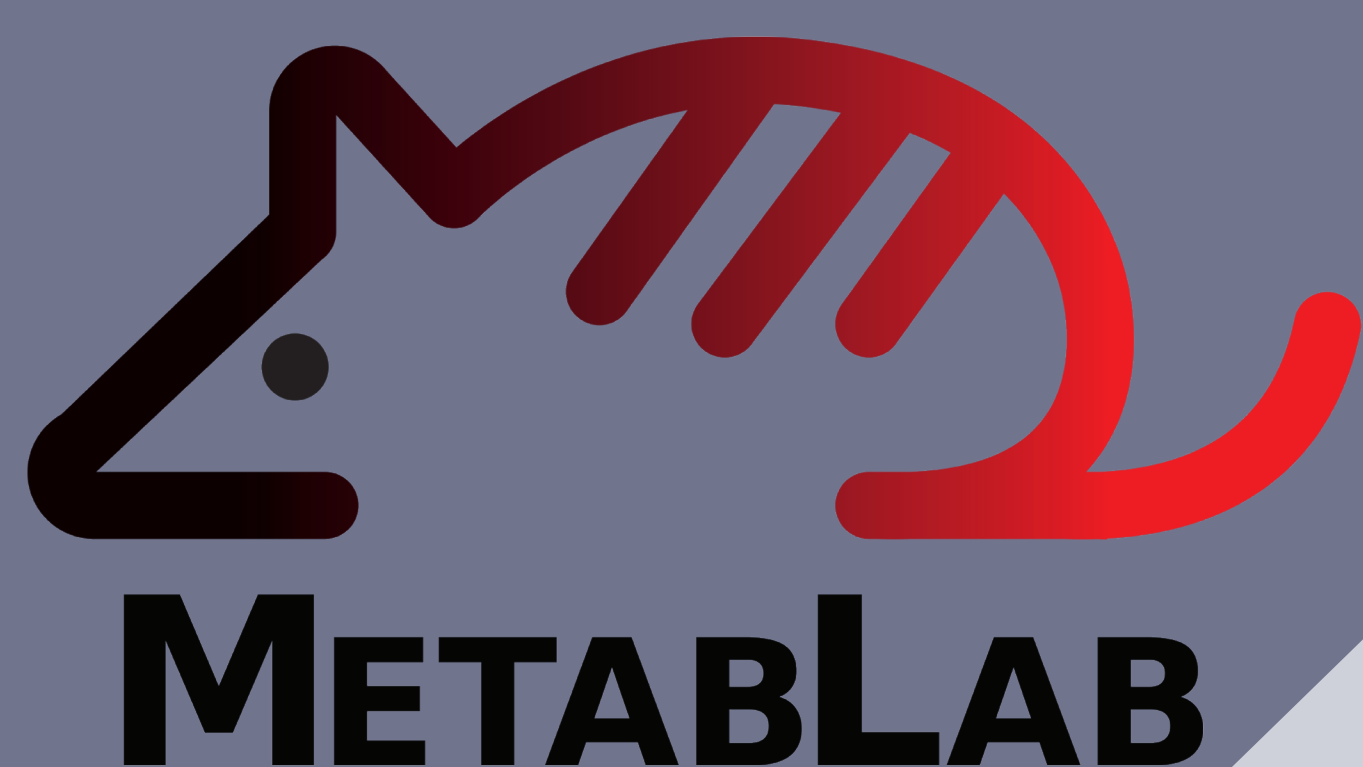
Aims:

1. Mobile laboratory for resresearch of human metabolism (simultaneous measurements of brown adipose tissue activity, metabolic rate, glucose cocentrations and body temperature)

2. Determination of the effect of therapy of T2DM patients based on sex and the phase of the menstrual cycle
- HuMetaDAS



3. Laboratory for the discovery of new brown adipose tissue activators (simultaneous measurements of: body weight, food and water intake, motor activity, energy expenditure, volume & activity of brown adipose tissue and body composition)



4. Regulation of BAT activity by T2DM therapy & linaclotide based on sex and the phase of the estrous cycle in animal model of T2DM - MetabLab

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