

# BiGi

## The de.NBI-Resource Center for Microbial Genome Research in Biotechnology and Medicine at Uni Bielefeld (MicroGenUniBi)

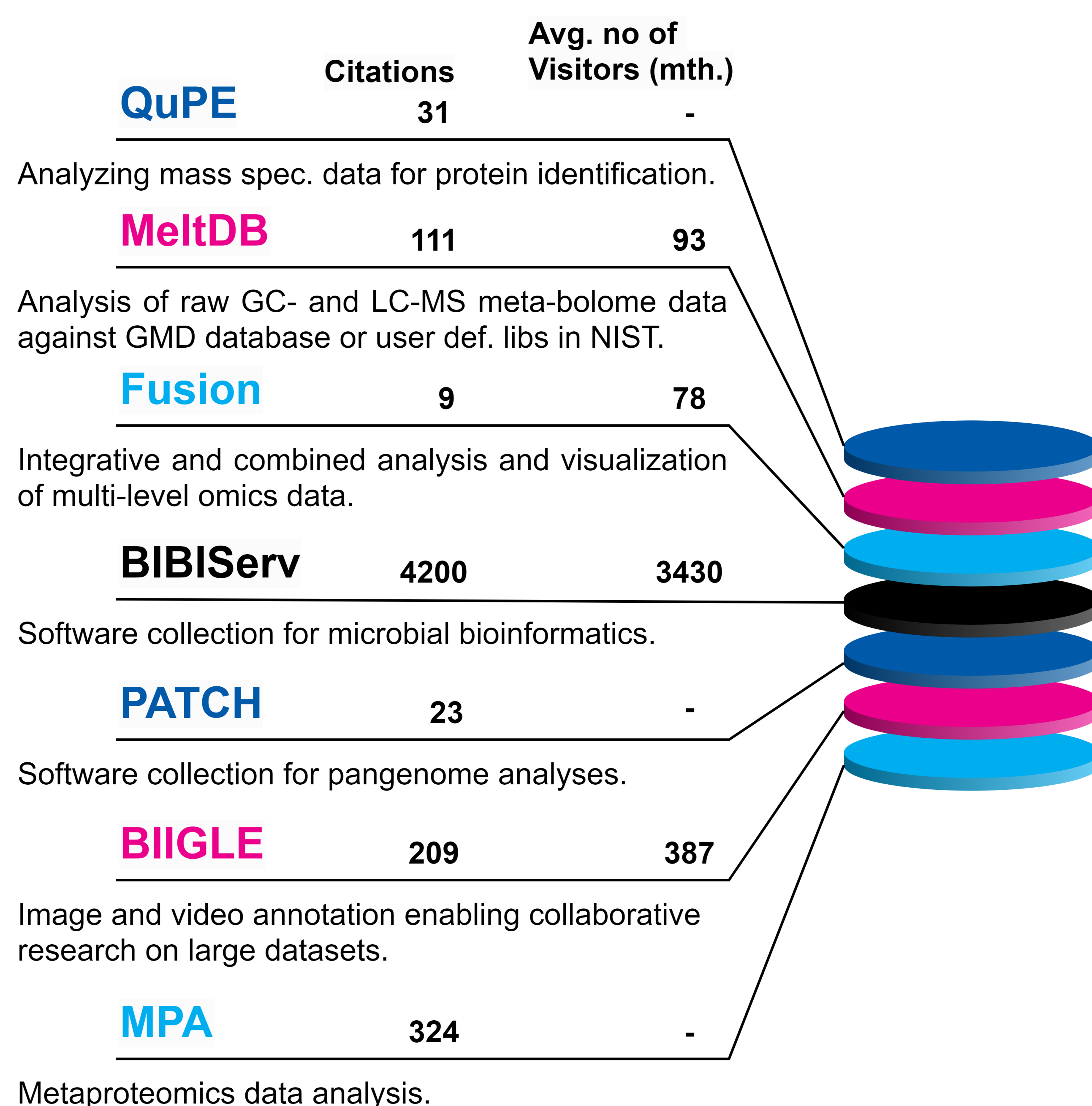
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Contract Nr. W-de.NBI-004

### Short description of the project

The project aims to ensure the ongoing operation of the de.NBI-Cloud at Bielefeld University, covering hardware maintenance, software setup, and certification. It also provides services in microbial bioinformatics, including pangenomics, meta-genomics, multiomics, genome comparison, RNA structure prediction, and metaproteomics, along with training courses.

### de.NBI services



### de.NBI Training and education

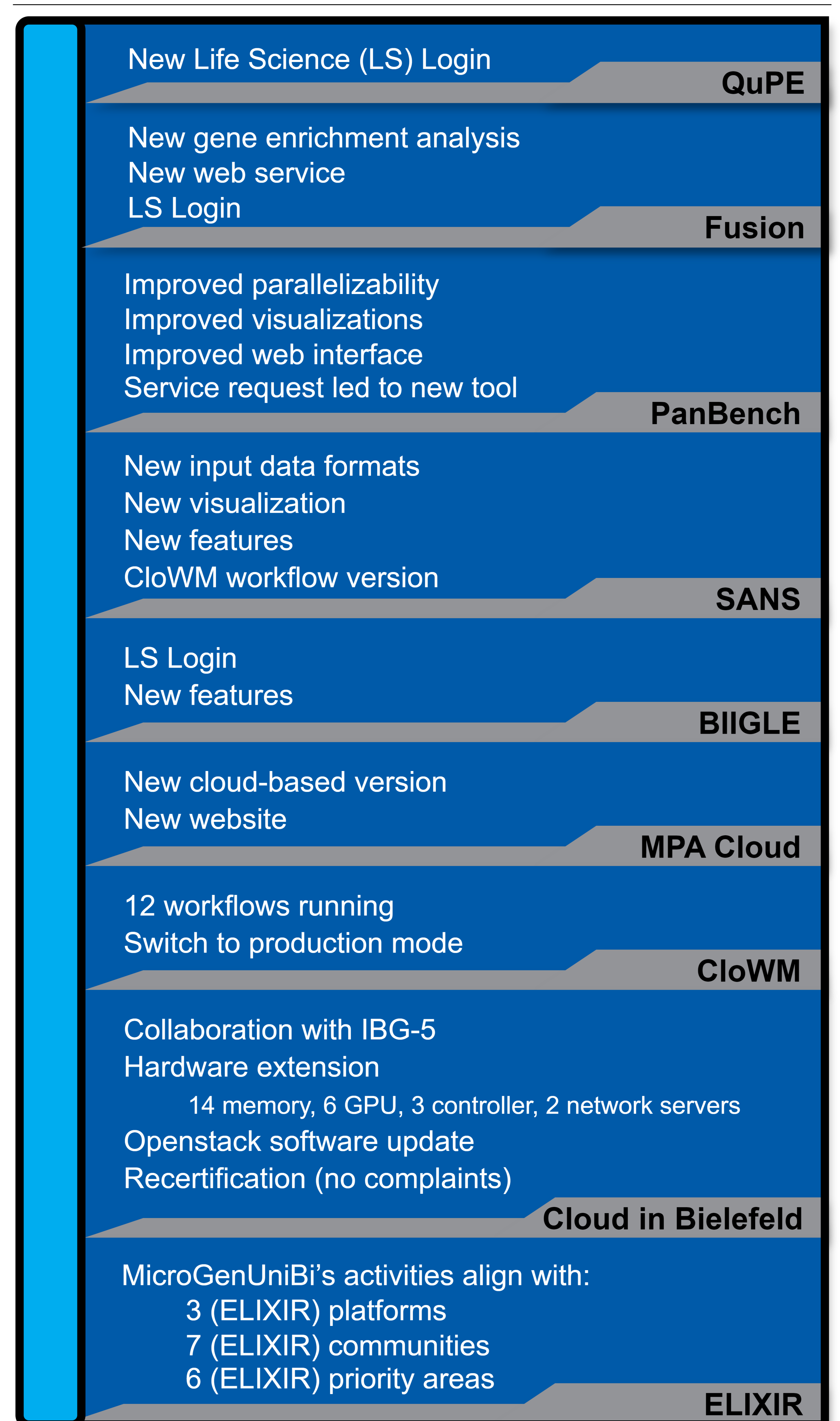
Date	Service	Participants
09/2023	PATCH, MPA	12, 8
12/2023	BIIGLE	51
02/2024	BIIGLE	41
03/2024	PATCH, MPA	~30
06/2024	BIIGLE	19
09/2024	PATCH, MPA	~20
10/2024	BIIGLE	~25

Tab. 1: Training activities of MicroGenUniBi.

### General information on the project

Staff members (FTE): 5

### Progress report



Year	Projects	Usage	
		CPU	RAM
2023	>260	110%	44%
2024	>120*	118%	42%

Tab. 2: Overview of Cloud usage. \*excluding SimpleVM projects

### Publications (among others...)



Cuvelier et al., 2024



Parmigiani et al., 2024



Schulz et al., 2024