

Regional Specialised Collection of Alkanotrophic Microorganisms (acronym IEGM, www.iegmcollection.ru)

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The IEGM Collection (WFCC # 285) is a Unique Scientific Installation (www.cpk-rf.ru/usu/73559), has the status of the Center for Collective Use (CKP_480868) and is included in the National Research Facilities Registry of the Russian Federation (<https://ckp-rf.ru/>). The volume of the collection gene pool is 3 thousand strains isolated from contrasting ecological and geographical regions – from Perm Cis-Urals to Central Russia and Western Siberia.

REGIONAL SPECIALISED
COLLECTION



The bioresource IEGM collection, a member of the European Culture Collections' Organization since 1984, specializes in maintaining extremotolerant actinomycetes capable of oxidizing natural and anthropogenic hydrocarbons, which occupy a dominant position in oil-polluted and anthropogenic areas and participate in the restoration of disturbed ecosystems.

- Air * Snow ● Soil
- Water ● Core sample
- Bottom sediments

Fig. 1. Geographical distribution and isolation sources of bacteria deposited in the IEGM Collection

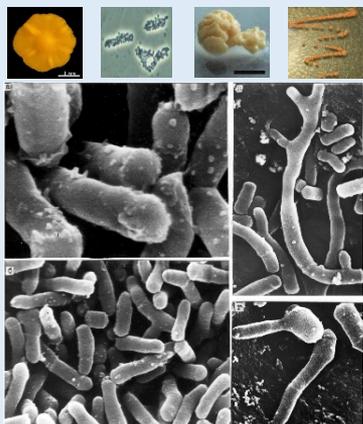


Fig. 2. Micro and macro images of *Rhodococcus* spp. from the IEGM Collection

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