



Repositories in a dynamic
Open access environment



CURRENT STATUS



REPOSITORIES



Role

Dissemination of research results

but also

- Metrics
- Reporting
- Publication list
- Enriching other portals
-



Assets

Quality control
Interoperability
Linking
Workflow

= services



INSTITUTIONAL RESEARCH



“Are we doing things the right way?”

“Are we doing the right things?”



Challenges

- Definitions
- Specific databases
- Data quality
- Data exchange
- Efficient reporting



Example

Author ID

Strict management ID's

Solution: ORCID?



Next steps



Data

User stats

Further linking

Trusted repositories

Dedicated portals



Needs

Copyright


Access for all

Professional teams => education on several levels



Example

MORE INFORMATION

 [Detailed project information \(CORDIS\)](#)

Publications

Data

Statistics

[view all 230](#)

[Biliary PAH and Alkylphenol Metabolites, Biomarker Enzyme Activities, and Gene Expression Levels in the Deep-Sea Fish *Alepocephalus rostratus*](#)

Koenig, Samuel; Porte, Cinta; Sole, Montserrat; Sturve, Joachim (2013)

Projects: [HERMIONE \(226354\)](#)

22 páginas, 3 figuras, 3 tablas.

[Stratigraphic framework of the Apulian deep-water coral province, Ionian Sea](#)

Malinverno, E.; Taviani, M.; Rosso, A.; Violanti, D.; Villa, I.; Savini, A.; Vertino, A.; Remia, A.; Corselli, C. (2010)

Projects: [HERMIONE \(226354\)](#)

[Short term dynamics of planktonic foraminiferal sedimentation in the porcupine seabight](#)

Habers, Almuth; Scho Nfeld, Joachim; Ru Ggeberg, Andres; Pfannkuche, Olaf (2010)

Projects: [HERMIONE \(226354\)](#)

Modern planktonic foraminifera collected with a sediment trap, and subfossil assemblages from surface sediments from the Galway, Mound in the Porcupine Seabight off southwestern Ireland, (northeastern Atlantic), were studied in order to investigate recent assemblage variations. The sediment trap operated from April to August 2004 with a sampling interval of eight days and covered the spring bloom and early summer. Ten different species were recorded: *Globorotalia hirsuta*, *Turborotalita quinquelocata*...

[Diversity and Spatial Distribution of Prokaryotic Communities Along A Sediment Vertical Profile of A Deep-Sea Mud Volcano Maria G. Pachiadaki & Argyri Kallionaki](#)

Kormas, K. A. (2011)

Projects: [HERMIONE \(226354\)](#)

We investigated the top 30-cm sediment prokaryotic community structure in 5-cm spatial resolution,



Home



[Fitness Cost and Impaired Survival in Penicillin-Resistant *Streptococcus gordonii* Isolates Selected in the Laboratory](#)

Haenni, Marisa; Moreillon, Philippe (2008)

American Society for Microbiology (ASM)

English

publication

Susceptibility

Identifiers: [pmc:PMC2223884](#), [doi:10.1128/aac.00939-07](#)

Cycling of *Streptococcus gordonii* (115 times) with penicillin resulted in a MIC increase of more than 100-fold, from 0.008 to 2 µg/ml. The 2-µg/ml MIC maximum was already reached after 36 passages but resulted in impaired fitness. Although the MIC did not increase further, fitness was partially recovered during the 79 additional cycles.

Related Data

Related Publications

Metrics

[Antimicrobial activity against wild type *Streptococcus gordonii*](#)
CHEMBL




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  Marisa_Moreillon,  
  Philippe_2008, title={Fitness  
  Cost and Impaired Survival in  
  Penicillin-Resistant
```



Home



[HILBERT MODULAR SURFACES](#)

Hirzebruch, Friedrich E. P.

Fondation L'Enseignement Mathématique

Serbian

dataset

119113452

[Related Data](#)

[Related Publications](#)

[Metrics](#)

[Twisted Teichmüller curves](#)

(2012)

[Quantum Black Holes, Wall Crossing, and Mock Modular Forms](#)

(2012)

[K3 surfaces and equations for Hilbert modular surfaces](#)

(2012)


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```

feedback



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