

## ESBIOBASE (Elsevier BIOBASE)

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- Subject Coverage**
- Applied microbiology and biotechnology
  - Cancer research
  - Cell and developmental biology
  - Clinical chemistry
  - Ecological and environmental sciences
  - Endocrinology and metabolism
  - Genetics and molecular biology
  - Neuroscience
  - Plant science
  - Protein biochemistry
  - Toxicology
- 

**File Type** Bibliographic

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**Features**

|  |                          |                       |                                     |                           |                                     |
|--|--------------------------|-----------------------|-------------------------------------|---------------------------|-------------------------------------|
| <a href="#">Alerts (SDIs)</a>                    | Weekly                   |                       |                                     |                           |                                     |
| <a href="#">CAS Registry Number® Identifiers</a> | <input type="checkbox"/> | Page Images           | <input type="checkbox"/>            | STN® AnaVist™             | <input type="checkbox"/>            |
| Keep & Share                                     | <input type="checkbox"/> | <a href="#">SLART</a> | <input checked="" type="checkbox"/> | <a href="#">STN Easy®</a> | <input checked="" type="checkbox"/> |
| Learning Database                                | <input type="checkbox"/> | Structures            | <input type="checkbox"/>            |                           |                                     |

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- Record Content**
- Bibliographic information, abstracts (80%), and indexing
  - Cited references from over 1,900 source journals
- 

**File Size** 7.6 million records (07/2018)

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**Coverage** 1994-present

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**Updates** Weekly, over 270,000 citations are added annually

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**Language** English

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**Sources**

- Over 1,900 primary research journals are monitored for coverage

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**User Aids**

- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

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**Clusters**

- AGRICULTURE
- ALLBIB
- AUTHORS
- BIOSCIENCE
- CORPSOURCE
- ENVIRONMENT
- HEALTH
- MEDICINE
- PHARMACOLOGY
- TOXICOLOGY

[STN Database Clusters](#) information (PDF)

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**Pricing** Enter HELP COST at an arrow prompt (=>).

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## Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (\*)

### General Search Fields

| Search Field Name   | Search Code             | Search Examples  | Display Codes                |
|---|-------------------------|--|------------------------------|
| Basic Index* (contains single words from the title (TI), abstract (AB), classification code (text) (CC), gene number (GEN), organism (ORGN) and supplementary term (ST) fields) | None<br>or<br>/BI       | S SEED GERMINATION<br>S HIGH TEMPERATURE<br>S ?BACTERIUM | AB, CC, GEN,<br>ORGN, TI, ST |
| Abstract  | /AB                     | S ?ORGANISM/AB   | AB                           |
| Accession Number  | /AN                     | S 1999130558/AN  | AN                           |
| Author  | /AU                     | S BANNWARTH B/AU<br>S MANABE, H./AU                      | AU                           |
| Classification Code *(1)<br>(code and text)   | /CC                     | S 86.3.4/CC<br>S INFECTIOUS DISEASE/CC<br>S ?CYTE?/CC    | CC                           |
| Corporate Source (1)<br>(authors, affiliations, and e-mail addresses)   | /CS                     | S UNIVERSITY LISBON/CS                                   | CS, EML                      |
| Country (of Publication)<br>(ISO code and text)   | /CY                     | S DE/CY<br>S UNITED KINGDOM/CY                           | CY                           |
| Document Type<br>(STN code and text)  | /DT<br>(or /TC)         | S BA/DT<br>S BOOK ARTICLE/DT                             | DT                           |
| E-mail (1)  | /EML                    | S LOUIS BIO/EML  | CS, EML                      |
| Entry Date (2)  | /ED                     | S ED=FEB 2009  | ED                           |
| Field Availability  | /FA                     | S ORGN/FA  | FA                           |
| Gene Number *   | /GEN                    | S L26294/GEN   | GEN                          |
| International Standard<br>(Document) Number<br>(contains CODEN, ISBN and ISSN)  | /ISN                    | S 1017-7825/ISN<br>S ANEMDG/ISN                          | ISN, SO                      |
| Journal Title   | /JT                     | S ACTA CYTOLOGICA/JT AND PY=1999                         | JT, JTA,<br>JTF, SO<br>LA    |
| Language (ISO code and text)  | /LA                     | S FR/LA<br>S FRENCH/LA                                   | ORGN                         |
| Organism *  | /ORGN                   | S ABIES ALBA/ORGN  | PD, SO                       |
| Publication Date (2)  | /PD                     | S JAN 1999/PD  | PY, SO                       |
| Publication Year (2)  | /PY                     | S 1997-1998/PY   | PB, SO                       |
| Publisher (2)   | /PB                     | S SPRINGER HEIDELBERG/PB                                 | PUI                          |
| Publisher Item Identifier   | /PUI                    | S S0001706X99000030/PUI                                  | REC, SO                      |
| Reference Count (2)   | /REC<br>(or<br>/RE.CNT) | S 19/REC   |                              |
| Source (contains journal titles<br>collation, CODEN, ISSN,<br>publication year, and ISBN)   | /SO                     | S BIOCONTROL SCIENCE/SO<br>S NGENEC/SO AND 22/SO         | SO                           |
| Summary Language<br>(ISO code and text)   | /SL                     | S DE/SL  | SL                           |
| Supplementary Term * (1)  | /ST                     | S ?FERTILITY/ST<br>S DEATH/ST                            | ST                           |
| Title*  | /TI                     | S PLANT SCIENCE/TI                                       | TI                           |
| Update Date (2)   | /UP                     | S UP>MAR 2009  | ED                           |
| Word Count, Title (2)   | /WC.T                   | S WC.T<=8  | WC.T                         |

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched with numeric operators or ranges.

**ESBIOBASE****DISPLAY and PRINT Formats**

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

| <b>Format</b>  | <b>Content</b>  | <b>Examples</b>  |
|--|---|--|
| AB<br>AN<br>AU<br>CC<br>CS<br>CY<br>DT (TC)<br>ED (UP)<br>EML (1)<br>GEN<br>ISN (1)<br>JT (1)<br>JTA (1)<br>JTF (1)<br>LA<br>ORGN<br>PB (1)<br>PD (1)<br>PUI<br>PY (1)<br>REC (RE.CNT) (1)<br>SL<br>SO<br>ST<br>TI<br>WC.T (1) | Abstract<br>Accession Number<br>Author<br>Classification Code<br>Corporate Source (authors, affiliations, and e-mail addresses)<br>Country (of Publication)<br>Document Type<br>Entry Date (contains Update Date)<br>E-mail Address<br>Gene Number<br>International Standard (Document) Number<br>Journal Title<br>Journal Title, Abbreviated<br>Journal Title, Full<br>Language<br>Organism<br>Publisher<br>Publication Date<br>Publisher Item Identifier<br>Publication Year<br>Reference Count<br>Summary Language<br>Source<br>Supplementary Term<br>Title<br>Word Count, Title | D AB 1-5<br>D AN<br>D AU<br>D CC<br>D CS<br>D CY<br>D DT<br>D ED<br>D EML<br>D GEN<br>D ISN<br>D JT<br>D JTA<br>D JTF<br>D LA, SL 1-3<br>D ORGN<br>D PB<br>D PD<br>D PUI SO<br>D PY<br>D REC<br>D SL<br>D SO<br>D ST<br>D TI<br>D WC.T |
| ABS<br>ALL<br>DALL<br>IALL<br>BIB<br><br>IBIB<br>IND<br>SCAN (2)<br>TRIAL (TRI, SAMPLE, SAM, FREE)   | AN, AB<br>AN, TI, AU, CS, SO, PUI, DT, CY, LA, SL, ED, AB, CC, ST, ORGN, GEN<br>ALL, with delimiter for post-processing<br>ALL, indented with text labels<br>AN, TI, AU, CS, SO, PUI, DT, CY, LA, SL, ED<br>(BIB is the default)<br>BIB, indented with text labels<br>AN, CC, ST, ORGN, GEN<br>TI, ST (random display without answer numbers)<br>TI, CC, ST, ORGN   | D ABS<br>D ALL<br>D DALL<br>D IALL<br>D BIB<br><br>D IBIB<br>D IND<br>D SCAN<br>D TRI  |
| HIT<br>KWIC<br>OCC   | Hit term(s) and field(s)<br>Up to 50 words before and after hit term(s) (KeyWord-In-Context)<br>Number of occurrences of hit term(s) and field(s) in which they occur   | D HIT<br>D KWIC<br>D OCC   |

(1) Custom display only.

(2) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

## SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

| Field Name                               | Field Code   | ANALYZE/<br>SELECT (1) | SORT |
|--|--------------|------------------------|------|
| Abstract                                 | AB           | Y (2)                  | N    |
| Accession Number                         | AN           | Y                      | N    |
| Author                                   | AU           | Y                      | Y    |
| Citation                                 | CIT (RE)     | Y (3,4)                | N    |
| Classification Code                      | CC           | Y                      | Y    |
| CODEN                                    | CODEN        | N                      | Y    |
| Corporate Source                         | CS           | Y                      | Y    |
| Country of Publication                   | CY           | Y                      | Y    |
| Document Type                            | DT (TC)      | Y                      | Y    |
| E-mail Address                           | EML          | Y                      | Y    |
| Entry Date                               | ED           | Y                      | Y    |
| Genbank Number                           | GENBANK      | Y (2)                  | N    |
| Gene Number                              | GEN          | Y                      | Y    |
| International Standard (Document) Number | ISN          | Y (5)                  | Y    |
| International Standard Book Number       | ISBN         | N                      | Y    |
| International Standard Serial Number     | ISSN         | N                      | Y    |
| Journal Title                            | JT           | Y                      | Y    |
| Journal Title, Abbreviated               | JTA          | Y                      | Y    |
| Journal Title, Full                      | JTF          | Y                      | Y    |
| Language                                 | LA           | Y                      | Y    |
| Occurrence Count of Hit Terms            | OCC          | N                      | Y    |
| Organism                                 | ORGN         | Y                      | Y    |
| Publisher                                | PB           | Y                      | Y    |
| Publication Date                         | PD           | Y                      | Y    |
| Publication Year                         | PY           | Y                      | Y    |
| Publisher Item Identifier                | PUI          | Y                      | Y    |
| Reference Count                          | REC (RE.CNT) | Y                      | Y    |
| Source                                   | SO           | Y (6)                  | Y    |
| Summary Language                         | SL           | Y                      | Y    |
| Supplementary Term                       | ST           | Y                      | N    |
| Title                                    | TI           | Y (default)            | Y    |
| Update Date                              | UP           | Y                      | Y    |
| Word Count, Title                        | WC.T         | Y                      | Y    |

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
- (2) SELECT CIT or ANALYZE CIT allows you to extract the reference from the source documents in this database and have them
- (3) SELECT or ANALYZE CIT allows you to extract the reference from the source documents in this file and have them automatically converted to a citation format for searching in the SCISEARCH file. SEL or ANALYZE CIT extracts first author, publication year, volume, first page, with a truncation symbol and with /RE appended to the terms created by SELECT.
- (4) SELECT HIT or ANALYZE HIT are not valid with this field.
- (5) Selects or analyzes CODEN and ISSN with /ISN appended to the terms created by SELECT.
- (6) Selects or analyzes CODEN and ISSN with /SO appended to the terms created by SELECT.

**Sample Record****DISPLAY ALL**

AN 2009032890 ESBIOBASE

TI Plasma 25-hydroxyvitamin D, 1,25-dihydroxyvitamin D, and parathyroid hormone in familial hypocalciuric hypercalcemia and primary hyperparathyroidism

AU Christensen, Signe Engkjaer; Vestergaard, Peter; Rejnmark, Lars; Mosekilde, Leil; Nissen, Peter H.; Heickendorff, Lene; Brixen, Kim

CS Christensen, Signe Engkjaer; Vestergaard, Peter; Rejnmark, Lars; Mosekilde, Leil (Department of Endocrinology and Metabolism C, Aarhus University Hospital, Aarhus Sygehus, Tage-Hansens gade 2, DK 8000 Arhus C (DK)); Nissen, Peter H.; Heickendorff, Lene (Department of Clinical Biochemistry, Aarhus University Hospital, Aarhus Sygehus, Tage-Hansens gade 2, DK 8000 Arhus C (DK)); Brixen, Kim (Department of Endocrinology, Odense University Hospital, Odense (DK))  
EMAIL: rlg06sec@as.aaa.dk

SO European Journal of Endocrinology (Dec 2008) Volume 159, Number 6, pp. 719-727, 47 refs.  
CODEN: EJOEEP ISSN: 0804-4643 E-ISSN: 1479-683X  
DOI: 10.1530/EJE-08-0440  
Published by: BioScientifica Ltd., 22 Apex Court, Woodlands, Bradley Stoke, Bristol, BS32 4JT (GB)

CY United Kingdom

DT Journal; Article

LA English

SL English

ED Entered STN: 27 Feb 2009  
Last updated on STN: 27 Feb 2009

AB Introduction: Familial hypocalciuric hypercalcemia (FHH) is a lifelong, benign, inherited condition caused by inactivating mutations in the calcium-sensing receptor (CASR) gene. Both FHH and primary hyperparathyroidism (PHPT) are characterized by elevated P-calcium, normal or elevated plasmaparathyroid hormone (P-PTH), and typically normal renal function. In PHPT, vitamin D metabolism is typically characterized by low plasma levels of 25-hydroxyvitamin D (25OHD), and high plasma levels of 1,25-dihydroxyvitamin D (1,25(OH) 2 D). In FHH, the vitamin D metabolism is not very well known. Objective: To compare and evaluate plasma 25OHD, 1,25(OH) 2 D, and PTH in FHH and PHPT. Design: Cross-sectional study. Materials: About 66 FHH patients with mutations in the CASR gene, 147 patients with surgically verified PHPT, and 46 controls matched to FHH patients according to age ( $\pm$  5 years), sex, and season. All patients had a P-creatinine < 140  $\mu$ mol/l. Methods: We measured P-calcium, P-Ca<sup>2+</sup>, P-albumin, P-creatinine, P-phosphate, P-magnesium, and P-PTH by standard laboratory methods. P-25OHD and P-1,25(OH) 2 D were measured by RIA or enzyme immunoassay. In FHH, all protein-coding exons in the CASR gene were sequenced and aligned to GenBank reference sequence NM\_000388.2. Results: PHPT patients had higher body mass index (2p<0.01), together with higher P-PTH (2p< 0.01) and P-1,25(OH) 2 D (2p<0.01) compared with FHH patients. The groups had similar levels of P-Ca<sup>2+</sup> and of P-25OHD. The phenotypic expression of the CASR mutations (as determined by the degree of hypercalcemia) did not influence the levels of P-1,25(OH) 2 D. Conclusion: Even though P-calcium, and P-25OHD were comparable, P-1,25(OH) 2 D and P-PTH differed between FHH and PHPT. .COPYRGT. 2008 European Society of Endocrinology.

CC 81.3.7.5 CLINICAL CHEMISTRY, PHYSIOLOGY, Endocrinology, Parathyroid pathophysiology; 81.4.7.8 CLINICAL CHEMISTRY, BIOCHEMISTRY, Vitamins, Vitamin D; 83.9.6.1 ENDOCRINOLOGY AND METABOLISM, ENERGY BALANCE AND NUTRITION, Hormone Control of Calcium Metabolism and Bone Physiology, Parathyroid hormone; 83.9.6.2 ENDOCRINOLOGY AND METABOLISM, ENERGY BALANCE AND NUTRITION, Hormone Control of Calcium Metabolism and Bone

GEN Physiology, Vitamin D and derivatives  
GENBANK NM\_000388 referred number

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