Tips from the Helpdesk

Renate Hedderich/Riitat
User Meeting 2013
Agenda

- Introduction of the FIZ helpdesk
- Table tool highlighting
STN / FIZ Karlsruhe Help Desk Staff

From left to right:
Back row: Bettina Grittmann, Dr. Britta Scheithauer, Dr. Jörg Hermann, Susanne Geprägs,
Front row: Petra Berschin, Linde Grossmann, Annette Roth, Carmen Völker, Renate Hedderich
STN Help Desk Europe

• Contact STN International – FIZ Karlsruhe
  – By phone: (+49) 7247 808555
    • When the lines are busy you can leave a message on our voice mail service – we will call back as soon as possible
  – By e-mail: helpdesk@fiz-karlsruhe.de

• Business hours:
  – 8:00 a.m. - 6.00 p.m. (CET) Monday - Friday
STN Help Desk Tasks

- Support for search strategy problems
- Hotline for complaints and bugs
- Support service for connection issues
- Administrative services
- Handling search cost refunds
- Administration of STN Demo IDs
- Pro-active Customer Information
- STN Training activities
  - Tips from the Helpdesk
  - Workshops
Retain an overview and enhance highlighting

**Highlighting question:**
Perform a broad search for the synthesis of antimicrobial substances in the cnidarian hydra.

Use the STN Express Table Tool to retain an overview table of relevant answers
a) Deselect hit terms with high occurrences
b) Add other hit terms for specific antimicrobial peptides
STN Express: Table Tool

Image of the STN Express software interface with highlighted sections for the Table Tool feature.
<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Publication Date</th>
<th>Priority Number</th>
<th>Patent Assignee</th>
<th>Title</th>
<th>Graphics</th>
<th>Abstract</th>
</tr>
</thead>
<tbody>
<tr>
<td>WO 2004098336</td>
<td>20041118</td>
<td>AT 2003-687</td>
<td>(FISC-N) FISCHER GMBH</td>
<td>Ski boot lining has a plastics cap at the heel, bonded to the outer surface of the lining, fitting into a cut-out at the sole to lie flush with it.</td>
<td><img src="image1.png" alt="Graphics" /></td>
<td>WO 2004098336 A UPAB: 20041213 NOVELTY - The inner lining (1), for a ski boot, has a plastics cap (2) at the heel bonded to the outer surface (3) of the lining by an adhesive, to lie flush with the sole (4). The sole is raised (6) by about 3 mm, with a cut-out (5) for the insertion of the cap at the heel to give a flush fitting. USE - The inner lining is for a ski boot. ADVANTAGE - The heel cap protects the inner lining from wear as it is inserted into and removed from the hard shell of the boot.</td>
</tr>
<tr>
<td>DE 10350043</td>
<td>20040603</td>
<td>FR 2002-15091</td>
<td>(SALC) SALOMON SA</td>
<td>Ski boot with rigid upper part of injected thermoplastic material has decoration made from transparent plastic with transfer motif.</td>
<td><img src="image2.png" alt="Graphics" /></td>
<td>FR 2847433 A UPAB: 20040624 NOVELTY - The ski boot has part of its upper, e.g. a collar (1) made from an injected thermoplastic material, with a decoration carrying a motif (9) of different colored inks. The decoration is produced by making a transfer of the motif with sublimable inks and forming a complex of the decorated layer and a fastening layer, placing it in a mould and injecting a thermoplastic material to form the component of the boot upper. USE - Decorating plastic upper of ski boot. ADVANTAGE - The procedure is easy to carry out and allows a wide variety of decorative motifs to be applied. DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of a decorated component of a ski boot upper. Collar 1 Back 2 Inner and outer overlaps 3, 4 Lower and upper tongues 7, 8 Motif 9 Dwg. 1/4</td>
</tr>
<tr>
<td>FR 2851133</td>
<td>20040820</td>
<td>FR 2003-1968</td>
<td>(SALC) SALOMON SA</td>
<td>Double position lock for ski boot has a pivoted lever connected to traction strap and with ramp to control two positioning locking of strap.</td>
<td><img src="image3.png" alt="Graphics" /></td>
<td>FR 2851133 A UPAB: 20040910 NOVELTY - The double position lock (14) for a ski boot has a pivoted lever (20) movable between open and closed positions. A traction strap (16) is detachably connected to the lever by a buckle (18). The lever has two locking zones (22, 24) and a ramp (26) to cause the strap to move from one locking position to the other when the lever is moved between open and closed positions. DETAILED DESCRIPTION - Claims include a boot using the locking system. USE - For closing a ski boot. ADVANTAGE - Allows rapid locking and unlocking action of ski boot lock. DESCRIPTION OF DRAWING(S) - Drawing shows sketch view of boot. Lock 14 Traction strap 16 Buckle 18 Lever 20 Locking zones 22, 24 Ramp 26 Dwg. 1/4</td>
</tr>
</tbody>
</table>
STN Express table tool: set highlighting options

- Highlighting is done for all output fields
- Enter terms in small letters separated by comma and a blank
- If desired, change the text format for each highlighting category

=> S (HYDRA# OR CNIDARI? OR POLYP#) AND ((ANTI) (W) (BACTER? OR MICROB?) OR ANTIBACTER? OR ANTIMICROB? OR BACTERICID? OR MICROBICID? OR GERMICID?)
L46 236 (HYDRA# OR CNIDARI? OR POLYP#) AND ...

Enter terms to be excluded.
Enter additional terms.
Additionally or alternatively: Enter a .txt filename containing a list of hit terms.
Save table file as e.g. XLS
Hydramacin-1 is a novel antimicrobial protein recently discovered during investigations of the epithelial defense of the ancient metazoan. The amino acid sequence of hydramacin-1 shows no sequence homology to any known antimicrobial proteins. Detox. of the soln. structure revealed that hydramacin-1 possesses a disulfide bridge-stabilized αβ motif. This motif is the common scaffold of the knottin protein fold. The structurally closest relatives are the scorpion oxin-like superfamily. Within this superfamily hydramacin-1 establishes a new family of proteins that all share antimicrobial activity. Hydramacin-1 is potently active against Gram-pos. and Gram-neg. bacteria including multi-resistant human pathogenic strains. It leads to aggregation of bacteria as an initial step of its bactericidal mechanism. Aggregated cells are connected via electron-dense contacts and adopt a thorn apple-like morphol. Anal. of the hydramacin-1 structure revealed an unusual distribution of amino acid side chains on the surface. A belt of pos. charged residues is sandwiched by two hydrophobic areas. Based on this characteristic surface feature and on biophys. anal. of protein-membrane interactions, we propose a model that describes the aggregation effect exhibited by hydramacin-1.
Summary

• Remember you can contact the STN helpdesk with all sorts of questions
  – riitta.metsakoivu@vtt.fi, p. 020 7224372;
    riitta.housh@vtt.fi, p. 020 7224381
  – In case we are not present just phone +49 7247 808-555 or e-mail to helpdesk@fiz-karlsruhe.de

• You can customize the highlighted terms in your STN Express postprocessing