START OF REGISTRATION AND PREPARATION OF POSTERS AND EXHIBITION
(Institute of Pharmacy, Gerhard-Domagk-Str. 3, 53121 Bonn)

OPENING CEREMONY (Grosser Hörsaal)
Prof. Valery Makarov
St-Petersburg Institute of Pharmacy, St-Petersburg, Russia
Prof. Harald Schweim
Drug Regulatory Affairs, Rheinische Friedrich-Wilhelms-University, Bonn, Germany
Priv. Doz. Gudrun Ulrich-Merzenich
University Clinic Centre Bonn, Germany
Prof. Wolfgang Blaschek
Society for Medicinal Plant and Natural Product Research (GA), Germany
Prof. Konstantin Eller
Institute of Nutrition of the Russian Academy of Medical sciences, Moscow, Russia

PLENARY SESSION (Grosser Hörsaal)
Chairman Prof. Harald Schweim

1) Prof. Rudolf Bauer
University of Graz, Austria
"The development of medicinal plant research from botany to systems biology"

2) Prof. Robert Verpoorte
Institute of Biology, Leiden, Netherlands
"Nature knew them since long: natural deep eutectic solvents"

3) Prof. Alexander Shikov
Saint-Petersburg Institute of Pharmacy, St-Petersburg, Russia
"Pigments from sea urchins: chemistry and pharmacology"

4) Dr. Jinhui Dou
Center for Drug Evaluation & Research, FDA, USA
"FDA policy on the US Clinical Trials for Botanicals"
16.30-16.50 Coffee-break

16.50-18.30 PLENARY SESSION (Grosser Hörsaal)
Chairman Prof. Alexander Shikov

16.50-17.20 5) Prof. Werner Knoess
Federal Institute for Drugs and Medical Devices, Bonn, Germany
"Harmonized assessment of (traditional) herbal medicinal products in the European Union - achievements and future challenges"

17.20-17.50 6) Prof. Johannes Novak
University of Veterinary Medicine, Vienna, Austria
"Good agricultural and wild collection practice of medicinal and aromatic plants"

17.50-18.20 7) Prof. Petr Shabanov
Institute of Experimental Medicine NWB RAMS, St. Petersburg, Russia
"Pharmacology of succinate containing drugs"

18.30-20.30 Get together party
(foyer of the Pharmaceutical Institute, University of Bonn)

July 23, 2015

09.00-10.45 PLENARY SESSION (Grosser Hörsaal)
Chairman Priv. Doz. Gudrun Ulrich-Merzenich

09.00-09.30 8) Prof. Hanns Haeberlein
Bonn University, Germany
"Putting molecules into focus: application of single molecule detection to molecular drug research"

09.30-10.00 9) Prof. Konstantin Eller
Institute of Nutrition of Russian Academy of medical sciences, Moscow, Russia
"The role of the contemporary analytical methodology in the estimation of biological value of raw materials from wild growing medicinal and food plants"
10.00-10.30  **10) Prof. Karen Nieber**  
University of Leipzig, Germany  
"Gender specific differences in pharmakotherapy: Is this the case for phytopharmaceuticals, too?"

10.30-10.45  **DISCUSSION**

**10.45-11.15**  
Coffee-break

11.15-12.30  **PLENARY SESSION** (Grosser Hörsaal)  
Chairman Prof. Michael Heinrich

11.15-11.45  **11) Dr. Ralf Pohl**  
former MADAUS GmbH (Rottapharm|Madaus group), Germany  
"Milk thistle drugs - hollow promises or real benefit?"

11.45-12.15  **12) Prof. Harald Schweim**  
Drug Regulatory Affairs, University of Bonn, Germany  
"Status quo and future developments of combination medicinal products"

12.15-12.30  **DISCUSSION**

12.30-13.00  **OPENING OF POSTER SESSION AND EXHIBITION**

**13.00-14.00**  
Lunch

14.00-16.10  **Seminar 1**  "Medicinal plant products: challenges, safety and efficacy" (Grosser Hörsaal)  
Chairman Prof. Rudolf Bauer

14.00-14.30  **A13) Dr. Barbara Steinhoff**  
BAH, Bonn, Germany  
"Quality of herbal medicinal products: present requirements"

14.30-14.50  **B14) Dr. Andrei Sibaev**  
Ludwig-Maximilians-Universität, München, Germany  
"Action of Iberogast® and its individual herbal extracts on motility and neurotransmission in the human colon"
14.50-15.10 C15) Dr. Ipek Süntar
Gazi University, Ankara, Turkey
"Efficacy of Alchemilla mollis (Buser) Rothm. and Alchemilla persica Rothm. in wound management by induction of in vivo surgical wound models"

15.10-15.30 D16) Dr. Lawrence Ticha
Stellenbosch University, Tygerberg, South Africa
"Phytochemical and biological activity studies of Galenia Africana"

15.30-15.50 E17) Dr. Vera Kosman
St. Petersburg Institute of Pharmacy, St. Petersburg, Russia
"Ubichinol: Step by step to new cardio drugs"

15.50-16.10 F18) Mr. Mert Ilhan
Gazi University, Ankara, Turkey
"Beneficial effects of a mixture of Hippophae rhamnoides L. and Hypericum perforatum L. oils in the treatment of endometriosis"

14.00-16.10 Seminar 2 "Advances in clinical studies of Phytotherapeutics (Kleiner Hörsaal)
Chairman – Prof. Karen Nieber

14.00-14.30 g19) Prof. U. Juergens
University Clinic Centre Bonn, Germany
“1,8 Cinneol in Asthma and COPD – from bench to beside?”

14.30-14.50 h20) Dr. Aldo Ammendola
Bionorica SE, Neumarkt, Germany
"Effectiveness and tolerability of Tonsilgon® N in the treatment of recurrent upper respiratory tract infections in children"

14.50-15.10 i21) Dr. Mathias Mauz
Ludwig-Maximilians-Universität, München, Germany
"Effects of Korodin® Herz-Kreislauf-Tropfen on low blood pressure and cognitive functions in adolescents"

15.10-15.30 j24) Dr. Timur Zveryachenko
Northern Kazakhstan State University, Petropavlovsk, Kazakhstan
"Investigation of the antituberculous effect in vivo of a new aerosol remedy"
15.30-15.50  k23) Dr. Gaurav Sharma  
Drg Wellness PVT LTD, New Delhi, India  
"Mechanism for Reversal of Type II Diabetes- Clinical practice and ground reality"

15.50-16.10  22) Dr. Suruchi Verma  
Indian Institute of Technology, India  
"Metformin Like Analgesic And Antidepressant Activities Of A Turmeric Extract Enriched In Curcuminoids"

16.10-16.30  Coffee-break

16.30-16.40  Seminar 5 "Phytochemical analysis of natural medicinal preparations" (Grosser Hörsaal)  
Chairman Prof. Konstantin Eller

16.30-17.00  M25) Prof. Gertrud Morlock  
Justus Liebig University, Giessen, Germany  
"Bioactivity profiling of herbal extracts by HPTLC-UV/Vis/FLD-EDA-MS"

17.00-17.20  N26) Prof. Nabila Al-Jaber  
King Saud University, Riyadh, Kingdom of Saudi Arabia  
"The relationship between antioxidant and anti-ulcer activity in Saudi honey samples harvested from various regions in different seasons"

17.20-17.40  O27) Prof. Esra Küpeli Akkol  
Gazi University, Ankara, Turkey  
"Rubus sanctus Schreber (blackberry): in vitro enzyme inhibitory effects and isolation of the active components"

17.40-18.00  P28) Prof. Ali El-Gamal  
King Saud University, Riyadh, Kingdom of Saudi Arabia:  
"Phytochemical study and hepatoprotective activity of Albizia lebbeck flowers"
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<td>18.00-18.20</td>
<td><strong>Q29)</strong> Dr. Elena Chernetsova</td>
<td>Thermo Fisher Scientific GmbH, Bremen, Germany</td>
<td>&quot;What are the prospects of DART mass spectrometry for pharmaceutical analysis?&quot;</td>
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<td>18.20-18.40</td>
<td><strong>R30)</strong> Dr. Abdollah Ghasemi Pirbalouti</td>
<td>Islamic Azad University, Shahrekord, Iran</td>
<td>&quot;Chemical composition and antioxidant activity of essential oils of some Iranian herbs&quot;</td>
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<td>16.30-18.40</td>
<td><strong>Seminar 4</strong> &quot;Pharmacology and ethnopharmacology&quot;</td>
<td>(Kleiner Hörsaal)</td>
<td>Chairman Prof. Robert Verpoorte</td>
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<td>16.30-16.50</td>
<td><strong>s31)</strong> Dr. Wael M. Abdel-Mageed</td>
<td>King Saud University, Riyadh, Kingdom of Saudi Arabia</td>
<td>&quot;From the deepest on earth: Natural products from extreme environments&quot;</td>
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<td>16.50-17.10</td>
<td><strong>t32)</strong> Dr. Kim Jin Sook</td>
<td>Korea Institute of Oriental Medicine, Dajeon, South Korea</td>
<td>&quot;Drug discovery of prevention (treatment) of diabetic retinopathy using a Korean endemic plant Aster koraiensis&quot;</td>
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<td>17.10-17.30</td>
<td><strong>u33)</strong> Dr. Hasan Yusufoglu</td>
<td>Prince Sattam bin Abdulaziz University, Al-Kharj, Kingdom of Saudi Arabia</td>
<td>&quot;Antihyperglycemic and antihyperlipidemic activities of Ferula tenussima and Ferula asafoetida in diabetic rats&quot;</td>
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<td>17.30-17.50</td>
<td><strong>v34)</strong> Dr. Biman Bhuyan</td>
<td>Dibrugarh University, Dibrugarh, India</td>
<td>&quot;Pharmacognostical standardization and in vivo antidiabetic evaluation of bark of Cascabela thevetia L.&quot;</td>
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<td>17.50-18.10</td>
<td><strong>w35)</strong> Ms. Anastasiia Shcherbokova</td>
<td>Volga State Technical University, Yoshkar-Ola, Russia/ Medizinische Klinik III, Bonn, Germany</td>
<td>&quot;Pharmacological activity of Lichens from Russia&quot;</td>
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18.10-18.30 x36) Dr. Mehdi Rahimmalek
Isfahan University of Technology, Isfahan, Iran
"Comparison of phenolic, flavonoid and antioxidant activity of some endemic Apiaceae genera in Iran"

19.30 Banquet: Restaurant DACAPO
(Theaterstr. 1, 53 115 Bonn)

July 24, 2015

09.00-10.40 Seminar 5 "Regulation of herbal medicinal products and food in Russia, the European Union and the USA"
(Grosse Hörsaal).
Chairman Prof. Harald Schweim

09.00-09.20 Y37) Dr. Elizabeth Dauncey
Royal Botanic Gardens, Kew, UK
"Kew's Medicinal Plant Names Services and their role in the safety and efficacy of plant-based medicines"

09.20-09.40 Z38) Dr. Kenny Kuchta
National Institute of Health Sciences, Tokyo, Japan
"How to receive regulatory approval in Japan for Western herbal medicinal products"

09.40-10.00 Z39) Mr. Alexander Maur
Kanzlei am Aerztehaus, Frehse Mack Vogelsang, Cologne, Germany
"Demarcation between phytopharmaceutics and neighboring product categories in the EU – demarcation criteria and regulatory consequences"

10.00-10.20 Z40) Ms. Jana Schweim
Bonn, Germany
"Comparison and differentiation between clinical trials with medicinal products and scientific studies with nutritional products"

10.20-10.40 DISCUSSION
09.00-11.00  Seminar 6 "Agriculture and technology of natural medicinal products" (Kleiner Hörsaal)
Chairman Prof. Johannes Novak

09.00-09.20  z41) Prof. Atallah Ahmed
King Saud University, Riyadh, Kingdom of Saudi Arabia
"Evidence-based medicinal value of red onion peels"

09.20-09.40  z42) Dr. Olga Pozharitskaya
St. Petersburg Institute of Pharmacy, St. Petersburg, Russia
"Challenges in drug discovery from medicinal plants"

09.40-10.00  z43) Prof. Abdolamir Allameh
Tarbiat Modares University, Tehran, Iran
"Suppression of colon tumorigenesis in rats by low dose dietary caraway essential oils is mediated by hepatic xenobiotic metabolizing enzymes"

10.00-10.20  z44) Dr. Salome Mahlo
University of Limpopo, Sovenga, South Africa
"Ethnobotanical survey of invasive alien plant species used in the Capricorn district, Limpopo Province, South Africa"

10.20-10.40  z45) Dr. Anshul Shakya
Dibrugarh University, Dibrugarh, India
"Preventive effects of monomethyl fumarate and a methanolic Fumaria indica extract against chronic foot shock stress triggered ulcers and other pathologies in rats"

10.40-11.00  z46) Ms. Okiemute Rosa Johnson-Ajinwo
Keele University, UK
"Anti-malarial activities of Margaritaria discoidea and other nigerian medicinal plants"

11.00-11.20  Coffee-break
11.20-12.30  **Closing ceremony. Results of poster session** ([Grosser Hörsaal](#))

*Chairman Prof. Harald Schweim*
*Prof. Valery Makarov*
*Prof. Alexander Shikov*
*Priv.Doz. Gudrun Ulrich-Merzenich*

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<td>12.30-13.30</td>
<td><strong>Lunch</strong></td>
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| 15.00-16.30 | **Guided (English) Excursion to the Botanical garden**  
(free for participants, additional reservation is required) |
POSTERS PRESENTATIONS

July 23, 2015

01 COMPARISON OF CHEMICAL COMPOSITION OF COMMERCIAL LAVENDER OILS (*LAVANDULA ANGUSTIFOLIA* L.)
Adaszyńska-Skwirzyńska M., Szczerbińska D.

02 ANALYSIS OF SELECTED FLAVONOIDS IN FLOWERS OF LAVENDER (*LAVANDULA ANGUSTIFOLIA* L.)
Adaszyńska-Skwirzyńska M., Swarcewicz M., Kwiecień H.

03 HEPATOPROTECTIVE ACTIVITIES OF *HOSLUNDA OPPOSITA* VAHL AND BARK OF *SECURIDACA LONGEPEDUNCULATA* FRESEN ON MICE
Adeola O., Adeliyi M., Oluwatobi and Makinde, Ayotunde

04 INVESTIGATION OF THE ANTIMALARIAL COMPOUNDS FROM *CYLICODISCUS GABUNENSIS* HARMS
Omar Aldulaimi, Fidelia Uche, Imran Ullah, Hamza Hameed, Paul Horrocks, Wen-Wu Li

05 SUPPRESSION OF COLON TUMORIGENESIS IN RATS BY LOW DOSE DIETARY CARAWAY ESSENTIAL OILS IS MEDIATED BY HEPATIC XENOBIOTIC METABOLIZING ENZYMES
Abdolamir Allameh, Abolfazl Dadkhah

06 ISOLATION OF FUROCOUMARINS FROM *FERULAGO BLANCHEANA* AND INVESTIGATION OF THEIR ANTICHOLINESTERASE ACTIVITY
Aslan E, Dincel D., Topçu G.

07 STUDY OF GASTROPROTECTIVE AND HEALING ACTIVITIES OF *C. OBLONGIFOLIA* MART. EX HAYNE AND *C. DUCKEI* DWYER IN VIVO

08 IN VITRO SYNERGISTIC ANTIOXIDANT ACTIVITY OF HONEY-*MENTHA SPICATA* COMBINTION
Bellik Y.
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<td>FREE RADICAL SCAVENGING ACTIVITY OF <em>RETAMA RAETAM</em> LEAVES END SEEDS EXTRACTS</td>
<td>Benariba N., Adjdir S., Hadj Moussa A., Hadj Said B., Chikh S., Boudjemaa K., Fatima Z. Sekkal, Djaziri R.</td>
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<td>EFFECT OF <em>ONONIS ANGSTISSIMA</em> EXTRACTS ON GLUCOSE UPTAKE ACROSS NON-EVERTED RAT INTESTINAL SAC MODEL</td>
<td>Benariba N., Laoufi H., Djaziri R.</td>
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<td>OPTIMIZATION OF RHYTHMIC PHYSIOLOGICAL FUNCTIONS IN AN ENVIRONMENT DRIVEN BY SOLAR CENTRIC EMF: AN OBSERVATORY CONCEPT</td>
<td>Bhuyan B., Shakya A., Rajak P.</td>
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<td><em>COSTUS PICTUS</em>: ESTIMATION OF ITS ANTIDIABETIC POTENTIAL IN MALE WISTER RAT MODEL</td>
<td>Bhuyan B., Chetia D.</td>
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<td>METABOLOMNIC AND PHYTOCHEMICAL BASED STUDY OF RHODIOLA SPECIES</td>
<td>Booker A., Zhai L., Heinrich M.</td>
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<td>A NEW APPROACH FOR DETERMINATION OF COMPOSITION OF PHYTOPHARMACEUTICALS BASED ON <em>GINKGO BILOBA</em> EXTRACTS</td>
<td>Vasil'ev V.G., Prokop'ev A.S., Chernetsova E.S., Kalabin G.A.</td>
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<td>SCREENING OF HERBAL MEDICINES AND DIETARY SUPPLEMENTS FOR SYNTHETIC COMPONENTS</td>
<td>Prokop'ev A.S., Chernetsova E.S., Kalabin G.A., Goryainov S.V., Ivlev V.A.</td>
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<td>PREPARATION OF SOME 3-HYDROXYFLAVONE DERIVATIVES WITH THEIR ANTIOXIDANT ACTIVITIES</td>
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<td>ANTINOCICEPTIVE EVALUATION OF <em>CASIMIROA EDULIS, ANNONA MURICATA, CITRUS LIMONUM, AND CHRYSOPHYLLUM CAINITO</em> IN NORMOGLYCEMIC AND HIPERGLYCEMIC RAT</td>
<td>Déciga-Campos M., Ortiz-Andrade R., Sanchez-Recillas A., Mario Alberto Ramírez Camacho</td>
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| 18 | BIOACTIVE FUROCOUMARINS FROM *PRANGOS ILANAE*, AN ENDEMIC SPECIES TO THE MOUNTAIN IDA  
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| 19 | MEDICINAL PLANTS TRADITIONALLY USED IN SENEGAL FOR TUBERCULOSIS TREATMENT: THEY ACTIVE AGAINST *MYCOBACTERIUM* STRAINS?  
Diop E. A., Queiroz E. F., Kicka S., Rudaz S., Tahir D., Wolfender J.-L. |
| 20 | ANTI-ANGIOGENIC ACTIVITIES OF THE LEAVES OF *TAPINANTHUS BANGWENSIS* GROWING ON THREE HOST TREES IN SOUTH-WESTERN NIGERIA  
Diyaolu O.A., Adeagbo A.S., Adedapo A.D., Fukushi Y, Moody J.O. |
| 21 | IN VITRO CULTURES OF *HYPERICUM PERFORATUM* CULTIVARS – A RICH POTENTIAL PLANT RAW MATERIALS FOR PHYTHOTHERAPEUTICAL PURPOSE  
Kwiecień I., Szydłowska A., Kawka B., Beerhues L., Ekiert H. |
| 22 | SCHISANDRA LIGNANS - THE POSSIBILITY OF PRODUCTION IN THE DIFFERENT TYPES OF BIOREACTORS  
Szopa A., Kokotkiewicz A., Łuczkiewicz M., Ekiert H. |
| 23 | *ARONIA MELANOCARPA* (BLACK CHOKEBERRY) IN VITRO CULTURES – POTENTIAL SOURCE OF BIOACTIVE PHENOLIC ACIDS FOR PHYTOTHERAPY  
Szopa A., Setkiewicz A., Ekiert H. |
| 24 | *PTERODON PUBESCENS* BENTH (FABACEAE) FRUIT’S 6A-ACETOXI-7B-HYDROXY-VOUACAPAN CONTENT VARIABILITY: ARTIFACT OR GENOTYPE?  
Felipe C. Lloret, Josué Carinhanga Caldas Santos, Nubia de Cassia de Almeida Queiroz, Ana Lucia Tasca Goes Ruiz, João Ernesto de Carvalho, Foglio M.A. |
| 25 | VARIOUS KIND OF ACTIVITY FOR COMPOUNDS ISOLATED FROM *LIMONIUM* GENUS  
Gadetskaya A.V., Zhusupova G.E., Amer H. Tarawneh, Ross S.A. |
| 26 | EFFECT OF COLOMBIAN AND BRAZILIAN PLANT EXTRACT ON CELL VIABILITY IN THE HUMAN NEUROBLASTOMA SH-SYSY CELL LINE  
Gasca C.A., Castillo W., Silveira D., Satie C. |
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<td>SEDATIVE AND ANTICONVULSANT ACTIVITIES OF <em>JUSTICIA SPICIGERA</em>. BEHAVIOR AND ELECTROENCEPHALOGRAM</td>
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<td>IN VIVO ANTI-ULCEROGENIC EFFECT EVALUATION OF <em>SIDERITIS CAESAREA</em> DUMAN, AYTAC &amp; BASER (LAMIACEAE)</td>
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<td>Herrera-Martínez M., Hernández-Carlos B., Chávez-Munguía B., Talamás-Rohana P.</td>
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<td>Jeong E.J., Lee S.J., Kim N-H., Heo J-D.</td>
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36. **ANTI-MALARIAL ACTIVITIES OF THYMOQUINONE ANALOGUES**
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37. **OPTIMIZATION OF THE EXTRACTION OF TOTAL FLAVONOIDS FROM SOLANUM RETROFLEXUM DUN. FRUIT USING THE RESPONSE SURFACE METHODOLOGY**
Karabegović I.T., Nada Č., Simić N.V., Mančić D., Lazić M.L.

38. **IN VITRO ANTIOXIDANT, ANTIBACTERIAL, ANTILEISHMANIAL ACTIVITIES AND TOTAL PHENOLIC CONTENT OF FIVE BERBERIS SPECIES FROM IRAN**
Karamian R., Sameeyan E., Ranjbar N.

39. **ENCAPSULATED ESSENTIAL OILS FOR THE CONTROL OF SHEEP GASTROINTESTINAL NEMATODES**

40. **TERMINALIA CATAPPA ACETONIC EXTRACTS (LEAF, SEED AND PULP) EVALUATED IN VITRO AND ITS VALIDATION BY IN VIVO TESTS FOR THE CONTROL OF SHEEP GASTROINTESTINAL PARASITES**
Gomes A. C. P., Barbieri A. M. E., Canova E. B., Rodrigues L., Piza A. M., Fornazari B. C., Louvandini H., Katiki L. M.

41. **CAN HERBAL MEDICINE SUBSTITUTE PROKINETIC DRUGS IN FUNCTIONAL GI DISEASES?**
Madisch A., Vinson B., Kelber O., Nieber K., Kraft K., Storr M.

42. **SERENOA REPENS FRUIT EXTRACT: WELL ESTABLISHED USE IN LUTS**
Goerne R., Wegener T., Feistel B., Kelber O., Kraft K. Reichling, J.

43. **AESCULUS HIPPOCASTANUM SEED EXTRACT: WELL ESTABLISHED USE IN CHRONIC VENOUS INSUFFICIENCY**
Kelber O., Abdel-Aziz H., Kraft K., Müller J.

44. **VALERIAN, MELISSA AND PASSION FLOWER IN ANXIOLYTIC TESTS: IS THERE A SYNERGISTIC EFFECT?**
Okpanyi, S.N., Kolb, C., Müller, J., Abdel-Aziz, H., Kelber, O.
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