

## Detailed Program Description for ACVD Website

1. Program name and location: *Dermatology Residency, Center for Clinical Veterinary Medicine, LMU Munich*
2. Is the program currently on ACVD Probation? *No*
3. Mentor(s):
  - a. Name: *Ralf Mueller* 1. Years in ACVD: *26* 2. Years as Mentor: *24*
4. Specific requirements for applying to the program: *Fluent in German*
5. Length of residency in years: *3*
6. Is a Master's degree or PhD required? *No*
7. When the residency was first offered? *In a different form 1995-1999 in Australia in private practice, then 2001-2004 in Colorado, since 2004 in Munich*
8. How many residents have been accepted into the program since inception? *12 in Munich* \_\_\_\_\_

How many of these have become board certified dermatologists? *Eight board certified (all eight in Europe, three of them also in North America, one of the others did not ever sit boards for personal reasons, one failed the exam and two are active residents)*

9. What is the average annual dermatology caseload for the institution over the past 5 years? *1500 cases per year*
10. What is the average total caseload seen the entire residency? *2100 cases (average cases annually times the number of years of residency)*
11. On average, how many new patients, rechecks and consults does the program see per year? (give these in actual numbers of cases)
  - a. *New cases 300-400*
  - b. *Rechecks 900-1100*
  - c. *Consults 300-400*
12. On average, what percentage of the program's cases are dogs and cats?  
*dogs 85% cats 14%*\_\_\_\_\_
13. On average, how many exotic, equine and farm animal cases does the program see per year? *Exotics 10-20 Equine 10-20 Farm animals 0-1*\_\_\_\_\_
14. What percentage of time is the mentor in clinics with the resident while the resident is seeing cases during the resident's first year: *90%*\_\_\_\_\_, second: *80%*\_\_\_\_\_, and third: *80%*\_\_\_\_\_  
*(This means that the mentor is either physically seeing patients with the resident or can be contacted by phone and available to see the case within one hour of being called.)*
15. Does the program have access to other specialists?  
If so, please list: *Internists, Oncologists, Neurologist, Cardiologist, Clinical Pathologist, Dermatopathologist, Radiologist, Surgeon*
16. Please describe your library access: *Online access to most human and veterinary journals via university access*

17. Does the program have statistical support for their residents' research projects? \_\_\_ Yes \_\_\_
18. Does the program have direct access to any basic science or clinical science laboratories that the resident can use for research proposes? \_\_\_\_\_ Yes \_\_\_\_\_

If yes, please describe the types of laboratories available and interactions that the resident may have with them.

PCR and Immunology lab of the Center for Clinical Veterinary Medicine, can visit and observe while own samples are done, or work with own samples under supervision of a physiologist/immunologist and a clinical pathologist.

19. How often do the residents and mentors have the following rounds?

*(For each type of rounds, please list how often they are held, how long each session is, and a detailed description of how they are conducted.)*

*Case rounds: twice weekly for 1-3 hours*

*Journal club: once weekly for 1 hour (mentor, two residents, 2 doctoral students and occasional visitors) and once every three months for 2 hours (3-5 dermatologists and 4-6 residents from other clinics and programs (Hamburg, Munich, Germering, Wiesbaden, Augsburg))*

*Histopathology training: once weekly for 3 hours with a dermatopathologist*

*Basic science learning rounds: once weekly for 1 hour*

20. Resident's benefits: *6 weeks of externship once during the residency, every second week off for study and research, 4 weeks vacation annually, two days weekly on clinics with mentor, other residents in internal medicine, oncology, neurology, cardiology, surgery, physiotherapy intensive care, other specialists in all of those fields plus anesthesia and imaging. Contact is Ralf Mueller at R.Mueller@medizinische-kleintierklinik.de*

21. Does the program allow the resident to attend the NAVDF (North American Veterinary Dermatology Forum) meeting annually? Yes

22. Does the program pay for the resident to attend the NAVDF meeting annually?

*No, except if an abstract is presented, then there is a support of US\$ 1200*

23. Average number of days a resident will spend on clinics per month: 10

24. Average number of days a resident will spend on non-clinical pursuits per month (not including Sundays or holidays): 10

25. Does the resident have to take general medicine emergency duty? \_\_\_ Yes, one week end every 2 months \_\_\_

26. Does the resident take Dermatology emergency duty? No

27. Is time allotted for externships in other subspecialties or at other dermatology practices? If so explain: *Yes, 6 weeks once during the residency*
28. How much time is allotted off clinics for board preparation? *Resident has every second week off, 22 weeks every year.*
29. How much time is allotted to carry out a research project (grant writing, data collection, paper preparation) during the residency (please report in number of weeks)? *Resident has every second week off.*
30. What are the other responsibilities/duties of the resident? *None*
31. How many residents has the program had over the past 10 years? *Ten residents completed the residency so far*
32. How many/what percentage of the above residents (question 31) passed credentials?

*All finished have passed credentials in ECVD or ACVD.*

33. How many/what percentage of the above residents (question 31) sat boards for the first time

The year they finished their residency? *Nine (Eight ECVD, two ACVD)*

One year after finishing their residency

Two or more years after finishing? *One (ECVD) and one (ACVD)*

They never took boards

34. How many / what percentage of the above residents (question 31) passed the board exam on their

First time taking the exam: *Five (ECVD) and two (ACVD)*

Second time taking the exam: *Two (ECVD) and one (ACVD, none of the answers given in the first exam was recorded by the system resulting in a score of 0%)*

Third time or more taking the exam: *One (ECVD)*

Never passed: *One never sat boards after first failure for personal reasons, one other sat the ECVD boards twice in 8 years and now has to recredential.*

35. Is your residency program reviewed by an outside committee at your university?

*Besides ECVD and ACVD, the European Association of Establishments for Veterinary Education evaluates the whole faculty every 7 years with emphasis on teaching students, postgraduate students and residents.*

36. Please list the papers published by your last 5 residents.

**Hobi S**, Mueller RS, Hill M, Nitsche A, Löscher T, Guggemos W, Ständer S, Rjosk-Dendorfer D, Wollenberg A. "Neurogenic inflammation and colliquative lymphadenitis with persistent orthopox virus DNA detection in a human case of cowpox virus infection transmitted by a domestic cat". *British Journal of Dermatology* 2015; 173(2): 535-9

**Classen J, Klinger C**, Mueller RS. "Allergien bei Hund, Katze und Pferd" ("Allergies in dogs, cats and horses"). *Allergologie* 2016; 39: 185-192 [German].

**Classen J**, Bruehschwein A, Meyer-Lindenberg A, Mueller RS. "Comparison of ultrasound imaging and video otoscopy with cross-sectional imaging for the diagnosis of canine otitis media." *Veterinary Journal* 2016; 217: 68-71. doi: 10.1016/j.tvjl.2016.09.010.

**Classen J**, Bettenay SV, Mueller RS. "Seasonal leukotrichia in a German shepherd dog. A case report." *Tierärztliche Praxis Ausgabe K Kleintiere Heimtiere* 2017; 45(1): 46-51. doi: 10.15654/TPK-160209.

**Hobi S, Klinger C, Classen J**, Mueller RS. The effects of a topical lipid complex therapy on dogs with atopic dermatitis: a double blind, randomized, placebo-controlled study. *Veterinary Dermatology* 2017;28 369-372. doi: 10.1111/vde.12430.

Wagner I, Geh KJ, Hubert M, Winter G, Weber K, **Classen J, Klinger C**, Mueller RS. "Preliminary evaluation of cytosine-phosphate-guanine oligodeoxynucleotides bound to gelatine nanoparticles as immunotherapy for canine atopic dermatitis." *Veterinary Record* 2017; 181: 118. doi: 10.1136/vr.104230.

**Classen J**, Dengler B, **Klinger CJ**, Bettenay SV, Rickerts V, Mueller RS. "Cutaneous alternariosis in an immunocompromised dog successfully treated with cold plasma and cessation of immunosuppressive medication". *Tierärztliche Praxis* 2017; 45 (K): 337–343. <http://dx.doi.org/10.15654/TPK-160851>

**Boehm TMSA, Klinger CJ, Udraitė L**, Mueller RS. "Targeting the skin – erythema multiforme in dogs and cats." *Tierärztliche Praxis* 2017; 45 (K): 352– 356. <http://dx.doi.org/10.15654/TPK-170119>.

**Boehm T, Klinger C, Classen J, Udraitė L**, Linek M, Mueller RS. "Repeatability and variability of total T4 measurements at three German veterinary laboratories". *Tierärztliche Praxis* 2017; 45 (K): 384-389.

**Classen J**, Dengler B, **Klinger CJ**, Bettenay SV, Rickerts V, Mueller RS. „Cutaneous alternariosis in an immunocompromised dog successfully treated with cold plasma and cessation of immunosuppressive medication”, *Tierärztliche Praxis* 2017; 45 (K): 337-343.

**Klinger C**, Dengler B, Bauer T, Mueller RS. "Successful treatment of a necrotizing, multi-resistant bacterial pyoderma in a python with cold plasma therapy." *Tierärztliche Praxis* 2018; 46(K): 43-48. doi: 10.15654/TPK-170190.

**Klinger CJ, Hobi S**, Johansen C, Koch HJ, Weber K, Mueller RS. „Vitamin D shows in vivo efficacy in a placebo-controlled, double-blinded, randomised clinical trial on canine atopic dermatitis.” *Veterinary Record* 2018; 182(14): 406. doi: 10.1136/vr.104492.

**Böhm TMSA, Klinger CJ**, Gedon N, **Udraite L**, Hiltenkamp K, Mueller RS. „Effect of an insect protein-based diet on clinical signs of dogs with cutaneous adverse food reactions”. *Tierärztliche Praxis Ausgabe K Kleintiere Heimtiere* 2018; 46 (5): 297-302. doi: 10.15654/TPK-170833.

**Klinger C**, Mueller RS. “Pemphigus foliaceus in feline patients”. *Veterinary Focus* 2018; 28/1: 15-19.

Gedon NKY, **Boehm TMSA, Klinger CJ, Udraite L**, Mueller RS. „Agreement of serum allergen test results with unblocked and blocked IgE against cross-reactive carbohydrate determinants (CCD) and intradermal test results in atopic dogs”. *Veterinary Dermatology* 2019; 30: 195-e61. doi: 10.1111/vde.12742.

**Udraite Vovk L**, Watson A, Dodds WJ, **Klinger CJ, Classen J**, Mueller RS. “Testing for food-specific antibodies in saliva and blood of food allergic and healthy dogs”. *Veterinary Journal* 2019; 245:1-6. doi: 10.1016/j.tvjl.2018.12.014.

**Udraite Vovk L, Klinger CJ, Boehm TMSA**, Gedon NKY, Bettenay SV, Mueller RS. „Successful treatment of a mucocutaenous membrane pemphigoid in a young dog”. *Tierärztliche Praxis* 2019; 47: 365-372.

**Böhm TMSA**, Parzefall B, **Klinger CJ**, Wielaender F, **Udraite Vovk L**, Scabell P, Mueller RS. Recurrent polyp formation with *Candida tropicalis* infection and otitis in a dog. *Tierärztliche Praxis K Kleintiere Heimtiere*. 2020; 48: 365-368.

**Boehm TMSA, Klinger CJ, Udraite L**, Mueller RS. „Effects of a homeopathic medication on clinical signs of canine atopic dermatitis”. *Tierärztliche Praxis K Kleintiere Heimtiere*. 2020; 48: 245-248.

Ignatenko N, Abramenko I, Soto S, Mueller R, **Boehm TMSA**, Troedson K, Fejos C, Hirschberger J. “Nasal transmissible venereal tumours in 12 dogs - a retrospective study.” *Tierärztliche Praxis Ausgabe K Kleintiere Heimtiere* 2020; 48: 164-170.

Ignatenko N, Gonzales AJ, Messamore JE, Hirschberger J, **Udraite-Vovk L, Boehm TMSA**, Troedson K, Fejos C, Mueller RS. „Serum concentrations of IL-31 in dogs with nonpruritic mast cell tumours or lymphoma.” *Veterinary Dermatology* 2020; 31: 466-e124. doi: 10.1111/vde.12887.

Baumann KN, Gedon NKY, **Boehm TMSA, Udraite-Vovk L**, Mueller RS. „Reproducibility of serum testing for environmental allergen-specific IgE in dogs in Europe”. *Veterinary Dermatology* 2021; 32(3): 251-e67. doi: 10.1111/vde.12942.

**Boehm TMSA, Klinger CJ, Udraite-Vovk L, Navarro C, Mueller RS.** "Clinical effects of 2 commercially available diets on canine atopic dermatitis". Tierärztliche Praxis Ausgabe K Kleintiere Heimtiere. 2021; 49: 256-261. doi: 10.1055/a-1543-4743.

**Boehm TMSA, Bettenay S, von Bomhard W, Majzoub-Altweck M, Klinger CJ, Mueller RS.** "A case series of canine cutaneous inverted papilloma with one case showing evidence of recurrence". Veterinary Dermatology 2021; 32: 268-e74. doi: 10.1111/vde.12961.

37. Names of your last 5 residents and whether they are willing to be contacted by potential residents:

- Dr.med.vet. Stefan Hobi, DipECVD, DipAiCVD (2011-2014)
- Dr.med.vet. Janine Klaußen, DipECVD (2013-2016)
- Dr.med.vet. Christoph Klinger, DipACVD, DipECVD (2014-2018)
- Dr. Laura Udraite, DipECVD, DipACVD (2016-2019)
- Dr.med.vet. Teresa Boehm, DipECVD, DipACVD (2018-2021)

(I think they all would be happy to be contacted)