

## **ESP Advanced Training Centre for head and neck pathology**

We can provide an advanced training in Head and Neck Pathology to international fellows, in particular in specialized fields of salivary gland and sinonasal pathology. We can offer up to 5 places per year with minimum of one month stay, but possibly 3 to 6 months. There is not any special limitation of the period of the year. There will be no charge for training, and we can provide low-cost accommodation to the trainees. We have some suitable accommodation facilities, or we can arrange accommodation for reasonable price. If visa is necessary, administrative help will be provided. Insurance or other documents, if required, will be provided. After completion of the fellowship, a certificate will be issued describing the subject of the training. An official letter of invitation – if necessary – could be sent for the applicant.

**Name of the centre, address** ▪ Department of Pathology, Charles University, Faculty of Medicine Plzen and Biopticka laborator ltd, Plzen, Czech Republic

**Chair of the centre** ▪ prof. Michal Michal, MD

### **Head of the training programme ▪ prof. Alena Skálová, MD, PhD**

**Details about specific areas in which training can be offered** ▪ Head Neck Pathology, in particular pathology of salivary glands, including immunoprofile, molecular signatures and differential diagnostic of salivary gland tumors. Sinonasal and oral pathology with special reference to newly described and molecularly characterized entities.

**Number of positions** offered for each year, expected duration of the training ▪ up to 5 positions for each year, expected duration of training is 1 to 2 months for each trainee

**Specific periods of the year** when the visit may be realised (should be defined in direct contact between the centre of excellence and the applicant) ▪ we can accept trainees throughout the year

#### **Contact address for requesting details by the applicant:**

*Prof. Alena Skálová, MD, PhD*

*Professor of Pathology and Consult Histopathologist*

*Head of Histopathology Services of Biopticka Laboratory, Director of Head and Neck Pathology Unit*

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## **prof. Alena Skálová, PhD. - short CV and Scientific and Research**

### **Activities:**

228 scientific papers in peer-reviewed international journals

Science Citation Index Oct 2022: **H-index (Web of Science): 38**

Total of citing articles 2 721; (2 607 without autocitations); Sum of the Times citation items 4 847 (4 328 without autocitations), average citation per item: 17.48

Posters and oral presentations at the international congresses (80) and invited speaker (106)

**The author** of 3 chapters in WHO Classification of Tumours. Pathology and Genetics of Head and Neck Tumours. (eds. Barnes L, Eveson JW, Reichart P, Sidransky D). IARC Press, Lyon 2005. Author or co-author 13 chapters in books (in Czech and English). Author of the book Hellquist and Skalova: Histopathology of the Salivary Glands, Springer, 2014. The author of 7 chapters in WHO Classification of Tumours of Head and Neck (2017). Co-author of many chapters in the books in Head and Neck and Breast Pathology. Responsible editor of Salivary gland section in WHO Head and Neck Tumors, 2023.

**Expert reviewer** for Histopathology, Head and Neck Pathology, Pathology Research Practice, Human Pathology, Oral Pathology Medicine, J Clinical Pathology, Am Journal of Surgical Pathology, and Virchows Archiv, etc.

### **Research activities supported by Grants in Czech Republic**

1. Kinetics of cell proliferation in salivary gland tumors and its significance in prognosis. New method for estimation of cell proliferation fraction. (A.Skálová) 1993-1995 (Internal Grant Agency of Charles University).
2. Extracellular matrix in salivary gland tumors and significance of its composition in morphogenesis. (A.Skálová) 1994-1996 (Internal Grant Agency of Charles University).
3. Biological nature of lymphoid nodules in bone marrow specimens: diagnostic approach. (F.Fakan, A.Skálová, J.Kuntcherová) 1995-1997 (Internal Grant Agency of Charles University).
4. Significance of cell kinetics in prognosis and differential diagnosis of salivary gland tumors. (A.Skálová) 1995-1996 (Grant Agency of Health Ministry)
5. Primary extranodal malignant lymphomas: morphologic and immunohistochemical criteria for their diagnosis and prediction of prognosis. (A.Skálová, L.Plank et al) 1996-1998 (Internal Grant Agency of Charles University).
6. Expression of c-kit protein, EGFR and HER-2/neu in high grade carcinomas of salivary gland: prognostic or predictive significance? (A.Skálová, I. Stárek) 2009-2011 (Grant Agency of Health Ministry)
7. Expression of vascular endothelial growth factor VEGF-C/D and its significance for lymphangiogenesis, lymph node metastasizing and prognosis of salivary gland carcinomas. (I.Stárek, A. Skálová), 2011-2016 (Grant Agency of Health Ministry).

### **List of 10 scientific papers most frequently cited:**

1. Skalova A, Vanecek T, Sima R, et al. Mammary analogue secretory carcinoma of salivary glands containing the *ETV6-NTRK3* fusion gene: a hitherto undescribed salivary gland tumor entity. *Am J Surg Pathol* 2010;34:599-608. 580 citations (WoS).
2. Connor A, Perez-Ordóñez B, Shago M. et al. Mammary analog secretory carcinoma of salivary gland origin with the *ETV6* gene rearrangement by FISH: Expanded morphologic and immunohistochemical spectrum of a recently described entity. *Am J Surg Pathol* 2012;36:27-34. 161 citations (WoS).
3. Skalova A, Vanecek T, Majewska H, et al. Mammary Analogue Secretory Carcinoma of Salivary Glands With High-grade Transformation Report of 3 Cases With the *ETV6-NTRK3* Gene Fusion and Analysis of TP53, beta-Catenin, *EGFR*, and *CCND1* Genes. *Am J Surg Pathol* 2014;38:23-33. 140 citations (WoS).
4. Weinreb I, Piscuoglio S, Martelotto LG, et al. Hotspot activating PRKD1 somatic mutations in polymorphous low-grade adeno carcinomas of the salivary glands. *Nature Genetics* 2014;46:1166-1169. 131 citations (WoS).
5. Skalova A, Vanecek T, Simpson RHW, et al. Mammary Analogue Secretory Carcinoma of Salivary Glands Molecular Analysis of 25 ETV6 Gene Rearranged Tumors With Lack of Detection of Classical ETV6-NTRK3 Fusion Transcript by Standard RT-PCR: Report of 4 Cases Harboring ETV6-X Gene Fusion. *Am J Surg Pathol* 2016;40:3-13. 110 citations (WoS).
6. Skalova A, Stárek I, Vaněček T, et al. Expression of HER-2/neu gene and protein in salivary duct carcinoma of parotid gland as revealed by fluorescence in situ hybridization and immunohistochemistry. *Histopathology* 2003;42:348-356. IF=2,952, ISSN:0309-0167, 105 citations (WoS).
7. Majewska H, Skalova A, Stodulkovski D, et al. Mammary analogue secretory carcinoma of salivary glands: a new entity associated with ETV6 gene rearrangement. *Virch Arch* 2015; 466:245-254. 98 citations (WoS).
8. Skalova A, Vanecek T, Martinek P, et al. Molecular Profiling of Mammary Analog Secretory Carcinoma Revealed a Subset of Tumors Harboring a Novel ETV6-RET Translocation: Report of 10 Cases. *Am J Surg Pathol* 2018; 42:234-246. 77 citations (WoS).
9. Skalova A. Mammary analogue secretory carcinoma of salivary gland origin: An update and expanded morphologic and immunohistochemical spectrum of recently described entity. *Head Neck Pathol* 2013; 7 (1):530-536. 89 citations (WoS).
10. Church AJ... Skalova A... Harris MH. Recurrent EML4-NTRK3 fusions in infantile fibrosarcoma and congenital mesoblastic nephroma suggest a revised testing strategy. *Modern Pathol* 2018;31 (3):463-473. 74 citations (WoS).