

Revised 4/25/19

CURRICULUM VITAE
Christopher Pope Elco MD, PhD

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Rhode Island Hospital
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Providence, RI
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EDUCATION

1994-1998 Bachelor of Science in Molecular
Biophysics and Biochemistry
Yale University
New Haven, CT

1999-2008 Medical Scientist Training Program
Case Western Reserve University
Cleveland, OH

2006 Doctor of Philosophy in Molecular Virology
Case Western Reserve University
Cleveland, OH

2008 Doctor of Medicine
Case Western Reserve University
Cleveland, OH

POSTGRADUATE TRAINING

2013-2015 Post-doctoral Research Fellow
Departments of Pathology and Dermatology
Brigham and Women's Hospital
Boston, MA

2012-2013 Harvard Dermatopathology Fellowship
Brigham and Women's Hospital-based
(including time spent at Massachusetts General Hospital
and Beth Israel Deaconess Medical Center)
Boston, MA

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POSTGRADUATE TRAINING (continued)

2011-2012	infectious diseases, and head and neck pathology
2010-2011	Hematopathology Fellowship
2008-2010	Residency in Anatomic Pathology; time serving as fellow in divisions of soft tissue

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Medical Licensure

2015-present	Rhode Island (MD15191)
2015-2017	Massachusetts (262572)
2013-2016	Pennsylvania (MD448489)

Board Certification

2013	Diplomate, American Board of Pathology (Certification in Anatomic Pathology)
2014	Subspecialty certification in Dermatopathology
2014	Subspecialty certification in Hematology

ACADEMIC APPOINTMENTS

2016-present	Assistant Professor of Pathology Warren Alpers Medical School of Brown University Providence, RI
2010-2016	Clinical and Research Fellow, Harvard Medical School, Boston, MA

HOSPITAL APPOINTMENTS

2016-present	Associate Pathologist Department of Pathology and Laboratory Medicine Rhode Island Hospital, Providence, RI
2015	Associate Pathologist, Department of Pathology Brigham and Women's Hospital Boston, MA

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Brown CR, McCann JA, Hung GG, **Elco CP**, Chiang HL. Vid22p, a novel plasma membrane protein, is required for the fructose-1,6-bisphosphatase degradation pathway. *J Cell Sci.* 2002 Feb 1;115(Pt 3):655-666. PMID: 11861771.
2. Sarkar SN, Peters KL, **Elco CP**, Sakamoto S, Pal S, Sen GC. Novel roles of TLR3 tyrosine phosphorylation and PI3 kinase in double-stranded RNA signaling. *Nat Struct Mol Biol.* 2004 Nov;11(11):1060-1067. Epub 2004 Oct 24. PMID: 15502848.
3. **Elco CP**, Guenther JM, Williams BR, Sen GC. Analysis of genes induced by Sendai virus infection of mutant cell lines reveals essential roles of interferon regulatory factor 3, NF-kappaB, and interferon but not toll-like receptor 3. *J Virol.* 2005 Apr;79(7):3920-3929. PMID: 15767394.
4. Sarkar SN, Kessler SP, Rowe TM, Pandey M, Ghosh A, **Elco CP**, Hartmann R, Pal S, Sen GC. Natural mutations in a 2'-5' oligoadenylate synthetase transgene revealed residues essential for enzyme activity. *Biochemistry.* 2005 May 10;44(18):6837-43. PMID: 15865429.
5. Sarkar SN, **Elco CP**, Peters KL, Chattopadhyay S, Sen GC. Two tyrosine residues of Toll-like receptor 3 trigger different steps of NF- κ B activation. *J Biol Chem.* 2007 Feb 9;282(6):3423-3427. Epub 2006 Dec 18. PMID: 17178723.
6. **Elco CP**, Sen GC. STAT1 required for interferon-inducible but not constitutive responsiveness to extracellular dsRNA. *J Interferon Cytokine Res.* 2007 May;27(5):411-423. PMID: 17523873.
7. Pavelitz T, Bailey AD, **Elco CP**, Weiner AM. Human U2 snRNA genes exhibit a persistently open transcriptional state and promoter disassembly at metaphase. *Mol Cell Biol.* 2008 Jun;28(11):3573-3588. doi: 10.1128/MCB.00087-08. Epub 2008 Mar 31. PMID: 18378697.
8. **Elco CP**, Mariño-Enriquez A, Abraham JA, Dal Cin P, Hornick JL. Hybrid myxoinflammatory fibroblastic sarcoma/hemosiderotic fibrolipomatous tumor: report of a case providing further evidence for a pathogenetic link. *Am J Surg Pathol.* 2010 Nov;34(11):1723-1727. doi: 10.1097/PAS.0b013e3181f17d51. PMID: 20871391.
9. Giardino AA, O'Regan K, Jagannathan JP, **Elco C**, Ramaiya N, LaCasce A. Richter's transformation of chronic lymphocytic leukemia. *J Clin Oncol.* 2011 Apr 1;29(10):e274-6. doi: 10.1200/JCO.2010.32.6579. Epub 2011 Jan 10. PMID: 21220587.
10. Hure MC, **Elco CP**, Ward D, Hutchinson L, Meng X, Dorfman DM, Yu H. Histiocytic sarcoma arising from clonally related mantle cell lymphoma. *J Clin Oncol.* 2012 Feb 10;30(5):e49-53. doi: 10.1200/JCO.2011.38.8553. Epub 2011 Dec 19. PMID: 22184374.

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ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS (continued)

11. Watanabe R, Gehad A, Yang C, Scott LL, Teague JE, Schlapbach C, **Elco CP**, Huang V, Matos TR, Kupper TS, Clark RA. Human skin is protected by four functionally and phenotypically discrete populations of resident and recirculating memory T cells. *Sci Transl Med.* 2015 Mar 18;7(279):279ra39. doi: 10.1126/scitranslmed.3010302. PMID: 25787765.
12. Kleffel S, Posch C, Barthel SR, Mueller H, Schlapbach C, Guenova E, **Elco CP**, Lee N, Juneja VR, Zhan Q, Lian CG, Thomi R, Hoetzenecker W, Cozzio A, Dummer R, Mihm MC Jr, Flaherty KT, Frank MH, Murphy GF, Sharpe AH, Kupper TS, Schatton T. Melanoma cell-intrinsic PD-1 receptor functions promote tumor growth. *Cell.* 2015 Sep 10;162(6):1242-1256. doi: 10.1016/j.cell.2015.08.052. PMID: 26359984.
13. Kirsch IR, Watanabe R, O'Malley JT, Williamson DW, Scott LL, **Elco CP**, Teague JE, Gehad A, Lowry EL, LeBoeuf NR, Krueger JG, Robins HS, Kupper TS, Clark RA. TCR sequencing facilitates diagnosis and identifies mature T cells as the cell of origin in CTCL. *Sci Transl Med.* 2015 Oct 7;7(308):308ra158. doi: 10.1126/scitranslmed.aaa9122. PMID: 26446955.
14. Kleffel S, Lee N, Lezcano C, Wilson BJ, Sobolewski K, Saab KR, Mueller H, Zhan Q, Posch C, **Elco CP**, DoRosario A, Garcia SS, Thakuria M, Wang YE, Wang LC, Murphy GF, Frank MH, Schatton T. ABCB5-targeted chemoresistance reversal inhibits Merkel cell carcinoma growth. *J Invest Dermatol.* 2016 Apr;136(4):838-46. doi: 10.1016/j.jid.2015.12.038. Epub 2016 Jan 29. PMID: 26827764.
15. Hui Y, **Elco CP**, Heintz NF, Lourenco AP, Wiggins DL, Wang Y. Diffuse dermal angiomatosis mimicking inflammatory breast carcinoma. *Breast J.* 2018 Mar;24(2):196-198. doi: 10.1111/tbj.12866. Epub 2017 Jul 26. PMID: 28744985.
16. de Masson A, O'Malley JT, **Elco CP**, Garcia SS, Divito SJ, Lowry EL, Tawa M, Fisher DC, Devlin PM, Teague JE, Leboeuf NR, Kirsch IR, Robins H, Clark RA, Kupper TS. High-throughput sequencing of the T cell receptor β gene identifies aggressive early-stage mycosis fungoides. *Sci Transl Med.* 2018 May 9;10(440). pii: eaar5894. doi: 10.1126/scitranslmed.aar5894. PMID: 29743350.

BOOKS AND BOOK CHAPTERS

1. **Elco CP**, Sen GC. Interferon receptors. Volume 2, Encyclopedia of Biological Chemistry, 1st Ed. In: Lennarz WJ, Lane MD, Eds. Academic Press, pp 446-451, 2004.

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BOOKS AND BOOK CHAPTERS (continued)

2. **Elco CP.** Multiple chapters –
 - B. Cutaneous marginal zone lymphoma, p 106;
 - Primary cutaneous follicle center lymphoma, pp 116-117;
 - Primary cutaneous diffuse large B cell lymphoma, leg type, pp 129-130;
 1. Mature T-cell and NK-cell neoplasms: Mycosis fungoides, pp 152-155;
 - Sézary syndrome, p 156;
 - Primary cutaneous CD30+ T-cell lymphoproliferative disorders:
 - A. Lymphomatoid papulosis (LYP), pp 157-158;
 - B. Primary cutaneous anaplastic large cell lymphoma (ALCL), pp 159-160;
 - Primary cutaneous $\gamma\delta$ T-cell lymphoma, pp 161-162;
 - Primary cutaneous CD8+ aggressive epidermotropic cytotoxic T-cell lymphoma, pp 163-164;
 - Primary cutaneous CD4+ small/medium T-cell lymphoma, pp 165-166;
 - Subcutaneous panniculitis-like T-cell lymphoma, pp 186-187;
 - In: Aster JC, Pozdnyakova O, Kutok JL. Hematopathology, High-Yield Pathology Series, Saunders Elsevier, 2013.
3. Duncan LM, **Elco CP**, Goyal A. Cutaneous Lymphoma Module, Dermathpro.com, www, 2014.

INVITED PRESENTATIONS

1. Pathology Pitfalls and Deciphering Flow Cytometry. Cutaneous Lymphoma Continuing Medical Education Course, Dana Farber Cancer Institute, Nov 12, 2016.

GRANTS

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| 2015 | NIH Ruth L. Kirschstein National Research Service Award Postdoctoral Fellowship (F32). Molecular Alterations Characterizing Disease Progression of Cutaneous T Cell Lymphoma |
| 2004 | UNCF•Merck Graduate Science Research Dissertation Fellowship |

INVENTIONS

- Date: Flory JP, **Elco CP**. “72 Well Polypropylene Plate for Isco Foxy Fraction Collectors.”