

Jes Sloth Mathiesen  
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KI, OUH, Research unit of Oto Rhino Laryngology (Odense)  
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## Employment

### Department of Clinical Research

1. Mar 2024 → 31. Oct 2024

### Assistant professor

KI, OUH, Research unit of Oto Rhino Laryngology (Odense)

1. Mar 2024 → 31. Oct 2024

### Clinical lector

KI, OUH, Research unit of Oto Rhino Laryngology (Odense)

1. Apr 2024 → 31. Mar 2029

## Research outputs

### Primary Hyperparathyroidism in Multiple Endocrine Neoplasia Type 2A in Denmark 1930–2021: A Nationwide Population-Based Retrospective Study

Holm, M., Vestergaard, P., Poulsen, M. M., Rasmussen, Å. K., Feldt-Rasmussen, U., Bay, M., Rolighed, L., Londero, S., Pedersen, H. B., Hahn, C. H., Rask, K. B., Nielsen, H. H., Gaustadnes, M., Rossing, M. C., Hermann, A. P., Godballe, C. & Mathiesen, J. S., Apr 2023, In: *Cancers*. 15, 7, 16 p., 2125.

### Multiple endocrine neoplasia type 2: A review

Mathiesen, J. S., Effraimidis, G., Rossing, M., Rasmussen, Å. K., Hoejberg, L., Bastholt, L., Godballe, C., Oturai, P. & Feldt-Rasmussen, U., Feb 2022, In: *Seminars in Cancer Biology*. 79, p. 163-179

### Germline RET Leu56Met Variant Is Likely Not Causative of Multiple Endocrine Neoplasia Type 2

Hansen, A. R., Borgwardt, L., Rasmussen, Å. K., Godballe, C., Poulsen, M. M., Vieira, F. G., Mathiesen, J. S. & Rossing, M., 1. Dec 2021, In: *Frontiers in Endocrinology*. 12, 5 p., 764512.

### Maternal and fetal outcomes in pheochromocytoma and pregnancy: a multicentre retrospective cohort study and systematic review of literature

Bancos, I., Atkinson, E., Eng, C., Young, W. F., Neumann, H. P. H., International Pheochromocytoma and Pregnancy Study Group & Mathiesen, J. S., Jan 2021, In: *The Lancet Diabetes & Endocrinology*. 9, 1, p. 13-21

### Preimplantation Genetic Testing of Multiple Endocrine Neoplasia Type 2A

Würgler Hansen, A., Sønderberg Roos, L. K., Løssl, K., Godballe, C. & Mathiesen, J. S., 14. Oct 2020, In: *Frontiers in Endocrinology*. 11, 4 p., 572151.

### Primary hyperparathyroidism as first manifestation in multiple endocrine neoplasia type 2A: an international multicenter study

Larsen, L. V., Mirebeau-Prunier, D., Imai, T., Alvarez-Escola, C., Hasse-Lazar, K., Censi, S., Castroneves, L. A., Sakurai, A., Kihara, M., Horiuchi, K., Barbu, V. D., Borson-Chazot, F., Gimenez-Roqueplo, A-P., Pigny, P., Pinson, S., Wohlk, N., Eng, C., Aydoğan, B. İ., Saranath, D., Dvorakova, S., & 15 others Castinetti, F., Attila, P., Bergant, D., Links, T. P., Peczkowska, M., Hoff, A. O., Mian, C., Dwight, T., Jarzab, B., Neumann, H. P. H., Robledo, M., Uchino, S., Barlier, A., Godballe, C. & Mathiesen, J. S., Jun 2020, In: *Endocrine Connections*. 9, 6, p. 489-497

### Variability in Medullary Thyroid Carcinoma in RET L790F Carriers: A Case Comparison Study of Index Patients

Mathiesen, J. S., Nielsen, S. G., Rasmussen, Å. K., Kiss, K., Wadt, K., Hermann, A. P., Nielsen, M. F., Larsen, S. R., Brusgaard, K., Frederiksen, A. L., Godballe, C. & Rossing, M., 28. Apr 2020, In: *Frontiers in Endocrinology*. 11, 7 p., 251.

**Noninvasive Follicular Thyroid Neoplasm with Papillary-Like Nuclear Features is Rare: A Population Based Study of Incidence**

Reinke, R. H., Larsen, S. R., Mathiesen, J. S., Godballe, C. & Londero, S. C., Mar 2020, In: *Head & Neck Pathology*. 14, 1, p. 144-149

**Intestinal ganglioneuromatosis as first manifestation of multiple endocrine neoplasia 2B in a premature girl**

Leunbach, T. L., Madsen, M., Nielsen, R. G., Hansen, D. & Mathiesen, J. S., 1. Sept 2019, In: *Hormone Research in Paediatrics*. 91, Suppl. 1, p. 460 1 p.

**Incidental and Non-incident Papillary Thyroid Microcarcinoma in Denmark 1996–2015: A national study on incidence, outcome and thoughts on active surveillance**

Reinke, R., Mathiesen, J. S., Larsen, S. R., Hahn, C. H., Pedersen, H. B., Bentzen, J., Schytte, S., Godballe, C., Londero, S. C. & A study from The Danish Thyroid Cancer Group – DATHYRCA (part of the DAHANCA organization), Jun 2019, In: *Cancer Epidemiology*. 60, p. 46-50

**Long-term follow-up of RET Y791F carriers in Denmark 1994-2017: A National Cohort Study**

Høxbroe Michaelsen, S., Ornstrup, M. J., Poulsen, M. M., Bennedbæk, F. N., Gaustadnes, M., Rossing, M., Darling, P., Vestergaard, P. & Mathiesen, J. S., 1. May 2019, In: *Journal of Surgical Oncology*. 119, 6, p. 687-693

**Natural history, treatment, and long-term follow up of patients with multiple endocrine neoplasia type 2B: an international, multicentre, retrospective study**

Castinetti, F., Waguespack, S. G., Machens, A., Uchino, S., Lazaar, K., Sanso, G., Else, T., Dvorakova, S., Qi, X. P., Elisei, R., Maia, A. L., Glod, J., Lourenço, D. M., Valdes, N., Mathiesen, J., Wohllk, N., Bandgar, T. R., Drui, D., Korbonits, M., Druce, M. R., & 46 othersBrain, C., Kurzawinski, T., Patocs, A., Bugalho, M. J., Lacroix, A., Caron, P., Fainstein-Day, P., Borson Chazot, F., Klein, M., Links, T. P., Letizia, C., Fugazzola, L., Chabre, O., Canu, L., Cohen, R., Tabarin, A., Spehar Uroic, A., Maiter, D., Laboureau, S., Mian, C., Peczkowska, M., Sebag, F., Brue, T., Mirebeau-Prunier, D., Leclerc, L., Bausch, B., Berdelou, A., Sukurai, A., Vlcek, P., Krajewska, J., Barontini, M., Vaz Ferreira Vargas, C., Valerio, L., Ceolin, L., Akshintala, S., Hoff, A., Godballe, C., Jarzab, B., Jimenez, C., Eng, C., Imai, T., Schlumberger, M., Grubbs, E., Dralle, H., Neumann, H. P. & Baudin, E., Mar 2019, In: *The Lancet Diabetes & Endocrinology*. 7, 3, p. 213-220

**Survival and Long-Term Biochemical Cure in Medullary Thyroid Carcinoma in Denmark 1997-2014: A Nationwide Study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Stochholm, K., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Schytte, S., Londero, S. C., Pedersen, H. B., Hahn, C. H., Bentzen, J., Möller, S., Gaustadnes, M., Rossing, M., Nielsen, F. C., Brixen, K., Frederiksen, A. L. & Godballe, C., Mar 2019, In: *Thyroid*. 29, 3, p. 368-377

**Replication of newly proposed TNM staging system for medullary thyroid carcinoma: a nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Schytte, S., Londero, S. C., Pedersen, H. B., Hahn, C. H., Bentzen, J., Möller, S., Gaustadnes, M., Rossing, M., Nielsen, F. C., Brixen, K. & Godballe, C., 1. Jan 2019, In: *Endocrine Connections*. 8, 1, p. 1–7

**Completeness of RET testing in patients with medullary thyroid carcinoma in Denmark 1997-2013: a nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Stochholm, K., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Schytte, S., Londero, S. C., Pedersen, H. B., Hahn, C. H., Bentzen, J., Möller, S., Gaustadnes, M., Rossing, M., Nielsen, F. C., Brixen, K., Frederiksen, A. L., Godballe, C. & Danish Thyroid Cancer group (DATHYRCA), 2019, In: *Clinical Epidemiology*. 11, p. 93-99

**Medullary thyroid carcinoma in Denmark 1997-2014: A national study of epidemiology, prognosis and heredity**

Sloth Mathiesen, J., 2019, Odense: Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

**Incidence and prevalence of sporadic and hereditary MTC in Denmark 1960-2014: a nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Stochholm, K., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Schytte, S., Londero, S. C., Pedersen, H. B., Hahn, C. H., Djurhuus, B. D., Bentzen, J., Möller, S., Gaustadnes, M., Rossing, M., Nielsen, F. C., Brixen, K., Frederiksen, A. L. & Godballe, C., 1. Jun 2018, In: *Endocrine Connections*. 7, 6, p. 829-839

**Letter to the Editor regarding the paper by N. Azzam et al. 'Germline polymorphisms on RET proto-oncogene involved in medullary thyroid carcinoma in a Druze family'**

Mathiesen, J. S., Godballe, C. & Brusgaard, K., 1. Apr 2018, In: European Journal of Cancer. 93, p. 154-155

**Incidence and prevalence of multiple endocrine neoplasia 2A in Denmark 1901-2014: a nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Stochholm, K., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Schytte, S., Pedersen, H. B., Hahn, C. H., Bentzen, J., Möller, S., Gaustadnes, M., Rossing, M., Nielsen, F. C., Brixen, K., Frederiksen, A. L. & Godballe, C., 2018, In: Clinical Epidemiology. 10, p. 1479-1487

**Founder effect of the RET C611Y mutation in multiple endocrine neoplasia 2A in Denmark: A nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Stochholm, K., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Gaustadnes, M., Ørntoft, T. F., Rossing, M., Nielsen, F. C., Albrechtsen, A., Brixen, K., Godballe, C. & Frederiksen, A. L., Dec 2017, In: Thyroid. 27, 12, p. 1505-1510

**Novel somatic RET mutation questioning the causality of the RET I852M germline sequence variant in multiple endocrine neoplasia 2A**

Mathiesen, J. S., Hansen, T. V. O., Rasmussen, Å. K., Hjortshøj, T. D., Kiss, K., Larsen, S. R., Krogh, L. N., Frederiksen, A. L., Hermann, A. P. & Godballe, C., Aug 2017, In: Thyroid. 27, 8, p. 1103-1104

**Incidence and prevalence of multiple endocrine neoplasia 2B in Denmark: a nationwide study**

Mathiesen, J. S., Kroustrup, J. P., Vestergaard, P., Madsen, M., Stochholm, K., Poulsen, P. L., Krogh Rasmussen, Å., Feldt-Rasmussen, U., Schytte, S., Pedersen, H. B., Hahn, C. H., Bentzen, J., Gaustadnes, M., Ørntoft, T. F., Hansen, T. V. O., Nielsen, F. C., Brixen, K., Frederiksen, A. L. & Godballe, C., 1. Jul 2017, In: Endocrine-Related Cancer. 24, 7, p. L39-L42

**Risk profile of the RET A883F germline mutation: an international collaborative study**

Mathiesen, J. S., Habra, M. A., Bassett, J. H. D., Choudhury, S. M., Balasubramanian, S. P., Howlett, T. A., Robinson, B. G., Gimenez-Roqueplo, A-P., Castinetti, F., Vestergaard, P. & Frank-Raue, K., 1. Jun 2017, In: The Journal of Clinical Endocrinology & Metabolism. 102, 6, p. 2069-2074

**Distribution of RET mutations in multiple endocrine neoplasia 2 in Denmark 1994-2014: a nationwide study**

Sloth Mathiesen, J., Kroustrup, J. P., Vestergaard, P., Krag, K. S., Poulsen, P. L., Rasmussen, Å. K., Feldt-Rasmussen, U., Gaustadnes, M., Ørntoft, T. F., Nielsen, F. C., Brixen, K., Godballe, C. & Frederiksen, A. L., Feb 2017, In: Thyroid. 27, 2, p. 215-223

**Renalcellekarcinommetastase til glandula thyroidea 15 år efter nefrektomi**

Sloth Mathiesen, J., Fleischer, J. G. & Godballe, C., 26. Jan 2015, In: Ugeskrift for Læger. 177, 2A, p. 50-51 V06130355.

**Aggressive Medullary Thyroid Carcinoma in a Ten-Year-Old Patient with Multiple Endocrine Neoplasia 2B Due to the A883F Mutation**

Sloth Mathiesen, J., Stochholm, K., Poulsen, P. L., Vestergaard, E. M., Christiansen, P. & Vestergaard, P., Jan 2015, In: Thyroid. 25, 1, p. 139-140

**Completeness and validity in a national clinical thyroid cancer database: DATHYRCA**

Londero, S. C., Sloth Mathiesen, J., Krogdahl, A., Bastholt, L., Overgaard, J., Bentsen, J., Hahn, C. H., Schytte, S., Pedersen, H. B., Christiansen, P., Godballe, C., A study from the Danish Thyroid Cancer Group & Grupe, P., Oct 2014, In: Cancer Epidemiology. 38, 5, p. 633-637

**Atypisk symptomdebut af kolangiokarcinom**

Sloth Mathiesen, J., Gade, S. D., Caterino, T. D. & Jakobsen, J., 27. Jan 2014, In: Ugeskrift for Læger. 176, 11A, p. 2-3 V07130466.

**Medullær thyroideacancer hos et ti måneder gammelt barn med multipel endokrin neoplasia 2B**

Sloth Mathiesen, J., Døssing, H., Bender, L. & Godballe, C., 2014, In: Ugeskrift for Læger. 176, 5A, p. 2-3 2 p., V07130456.

## Activities

### **Distribution of RET mutations in MEN2 in Denmark 1994-2014: a nation-wide study**

Sloth Mathiesen, J. (Guest lecturer), Vestergaard, P. (Guest lecturer), Stochholm, K. (Guest lecturer), Gaustadnes, M. (Guest lecturer), Ørntoft, T. F. (Guest lecturer), Faivre-Finn, C. (Guest lecturer), Brixen, K. (Guest lecturer), Godballe, C. (Guest lecturer) & Frederiksen, A. L. (Guest lecturer)  
30. Sept 2016

## Prizes

### **Bedste præsentation ved Dansk Hoved-Hals Kirurgisk Selskabs årsmøde**

Mathiesen, J. S. (Recipient), 2. Nov 2018

## Press/Media

### **Læge: Der fødes én med Olivers sygdom hvert sjette år**

Mathiesen, J. S.  
03/04/2022  
1 Media contribution

### **Læge: Der fødes én med Olivers sygdom hvert sjette år**

Mathiesen, J. S.  
31/03/2022  
1 Media contribution

## Teaching and supervision

### **Incidental and non-incident papillary thyroid microcarcinoma in Denmark 1996-2015: A national study on incidence, outcome and thoughts on active surveillance**

Mathiesen, J. S.  
01/05/2016 → ...

### **Long-term follow-up of RET Y791F carriers in Denmark 1994-2017: A national cohort study**

Mathiesen, J. S.  
01/04/2018 → ...

### **Noninvasive follicular thyroid neoplasm with papillary-like nuclear features is rare: A population based study of Incidence**

Mathiesen, J. S.  
01/05/2016 → ...

### **Pheochromocytoma in multiple endocrine neoplasia type 2 in Denmark: A nationwide population-based retrospective study in Denmark**

Mathiesen, J. S.  
01/12/2021 → ...

### **Preimplantation genetic testing of multiple endocrine neoplasia type 2A**

Mathiesen, J. S.  
01/11/2019 → ...

**Primary hyperparathyroidism as first manifestation in multiple endocrine neoplasia type 2A: An international multicenter study**

Mathiesen, J. S.  
01/05/2017 → ...

**Primary hyperparathyroidism in multiple endocrine neoplasia type 2A in Denmark: A nationwide population-based retrospective study in Denmark**

Mathiesen, J. S.  
01/01/2022 → ...

**Prophylactic thyroidectomy in multiple endocrine neoplasia type 2 in Denmark: A nationwide population-based retrospective study in Denmark**

Mathiesen, J. S.  
01/02/2021 → ...

**Risk profile of the C611Y germline variant in multiple endocrine neoplasia type 2A: A nationwide population-based retrospective in Denmark**

Mathiesen, J. S.  
01/08/2021 → ...

**Variability in medullary thyroid carcinoma in RET L790F carriers: A case comparison study of index patients**

Mathiesen, J. S.  
01/11/2016 → ...

## **Undervisningsportfolio**

### **1. Formel pædagogisk uddannelse**

2014: Face the monster - formidling, OUH

2012: Pædagogik/læring, Varde

2012: Kommunikation, Varde

### **2. Uddannelsesadministrative opgaver**

2021-2022: Uddannelseskoordinerende yngre læge, OUH

### **3. Erfaring med undervisning, eksamen og vejledning**

#### **Undervisning**

2015-2022: ØNH-færdighedstræning på medicin, SDU (>430 timer)

2012-2022: Diverse ØNH-tilstande (>30 timer)

2017: ØNH-forskertræningskursus, RSYD (>30 timer)

#### **Eksamen**

2015-2022: Eksaminator ved OSCE eksamen på medicin, SDU (>170 timer)

2015-2022: Eksaminator ved ØNH færdighedstræning på medicin, SDU

#### **Vejledning**

2016-2022: Hovedvejleder på 8 projekter (4 prægraduate og 4 postgraduate)

2016-2022: Medvejleder på 2 projekter (2 prægraduate)

### **4. Metoder, materialer og redskaber**

### **5. Uddannelsesudvikling og universitetspædagogisk forskning, herunder pædagogiske priser**