Stanford



Caroline Buckway

Clinical Professor, Pediatrics - Endocrinology

CLINICAL OFFICE (PRIMARY)

- **Medicine Specialties Clinic**

  730 Welch Rd

  Palo Alto, CA 94304

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Bio

CLINICAL FOCUS

- Pediatric Endocrinology
- General pediatric endocrine disorders including growth, puberty, Turner syndrome, adrenal, thyroid, pituitary disorders, and late effects after cancer therapy

ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Endocrinology

ADMINISTRATIVE APPOINTMENTS

- Pediatric Faculty Mentor, Pediatric Coaching and Mentoring Program, (2014- present)
- Associate Program Director, Advising and Wellness, Pediatric Residents, (2014-2023)
- Residency Coach, Pediatric Residents, (2013-2016)
- Educators-4-CARE Associate Faculty, Preclerkship Medical Students, (2012-2014)
- Endocrine Rotation Director, Pediatric Residents, (2009- present)

HONORS AND AWARDS

- Honor Roll for Teaching, Pediatrics Residency Program (2021-2023)
- Director, Pediatrics Residency Rotation of the Year (2021-2022)
- Exceptional Women in Medicine, Castle Connolly (2019-present)
- Top Doctor, Castle Connolly (2012-present)
- Honor Roll for Teaching, Pediatric Clerkship Medical Students (2007-2017)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Committee Member, Pediatric Endocrine Society Ethics Special Interest Group (2020 - present)
- Turner Syndrome Clinic Committee, Turner Syndrome Global Alliance (2015 - 2019)
- Patient Education Committee Member, Pediatric Endocrine Society (2014 - 2017)

- Senior Clinical Board Member, ePocrates (2000 - present)

PROFESSIONAL EDUCATION

- Medical Education: University of Utah School of Medicine (1995) UT
- Residency: Stanford Health Care at Lucile Packard Children's Hospital (1998) CA
- Internship: Stanford Health Care at Lucile Packard Children's Hospital (1996) CA
- Fellowship: Oregon Health and Science University (2001) OR
- Board Certification: Pediatric Endocrinology, American Board of Pediatrics (2001)

PATENTS

- Y. Oh, R. G. Rosenfeld, and C. K. Buckway. "United States Patent 7,514,532,B2, Mutant IGFBP-3 Molecules That Do Not Bind To IGFs, but Retain Their Ability To Functionally Bind IGFBP-3 Receptors", OHSU, Apr 7, 2009

Publications

PUBLICATIONS

- **Identification of the first patient with a confirmed mutation of the JAK-STAT system** *7th Symposium on Growth and Development in Children with Chronic Kidney Disease*

  Rosenfeld, R. G., Kofoed, E., Buckway, C., Little, B., Woods, K. A., Tsubaki, J., Pratt, K. A., Bezrodnik, L., Jasper, H., Tepper, A., Heinrich, J. J., Hwa, V.

  SPRINGER.2005: 303–5

- **Growth hormone insensitivity resulting from post-GH receptor defects** *35th International Symposium on Growth Hormone and Growth Factors in Endocrinology and Metabolism*

  Rosenfeld, R. G., Kofoed, E., Little, B., Woods, K., Buckway, C., Pratt, K., Hwa, V.

  CHURCHILL LIVINGSTONE.2004: S35–S38

- **Insulin-like growth factor (IGF) parameters and tools for efficacy: The IGF-I generation test in children** *7th KIGS/KIMS Expert Meeting on Growth Hormone and Growth Disorders*

  Rosenfeld, R. G., Buckway, C., Selva, K., Pratt, K. L., Guevara-Aguirre, J.

  KARGER.2004: 37–43

- **Growth hormone insensitivity associated with a STAT5b mutation** *NEW ENGLAND JOURNAL OF MEDICINE*

  Kofoed, E. M., Hwa, V., Little, B., Woods, K. A., Buckway, C. K., Tsubaki, J., Pratt, K. L., Bezrodnik, L., Jasper, H., Tepper, A., Heinrich, J. J., Rosenfeld, R. G.

  2003; 349 (12): 1139-1147

- **Insulin-like growth factor binding protein-3 generation as a measure of GH sensitivity** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*

  Buckway, C. K., Selva, K. A., Pratt, K. L., Tjoeng, E., Guevara-Aguirre, J., Rosenfeld, R. G.

  2002; 87 (10): 4754-4765

- **The IGF-I generation test revisited: A marker of GH sensitivity** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*

  Buckway, C. K., Guevara-Aguirre, J., Pratt, K. L., Burren, C. P., Rosenfeld, R. G.

  2001; 86 (11): 5176-5183

- **Mutation of three critical amino acids of the N-terminal domain of IGF-binding protein-3 essential for high affinity IGF binding** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*

  Buckway, C. K., Wilson, E. M., Ahlsen, M., Bang, P., Oh, Y., Rosenfeld, R. G.

  2001; 86 (10): 4943-4950

- **Genetic defects of the growth hormone-insulin-like growth factor axis** *TRENDS IN ENDOCRINOLOGY AND METABOLISM*

  Lopez-Bermejo, A., Buckway, C. K., Rosenfeld, R. G.

  2000; 11 (2): 39-49