Stanford



Caroline Buckway

Clinical Professor, Pediatrics - Endocrinology and Diabetes

CLINICAL OFFICE (PRIMARY)

Medicine Specialties Clinic
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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 and Diabetes

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