

CONTENTS

VOL. 61, NO. 1

JULY 1981

| | |
|--|---------|
| Editorial Review: The HLA system and disease. A. G. CUDWORTH and EVA WOLF | 1-5 |
| Editorial Review: Physiology of gas exchange and exertional dyspnoea. K. WASSERMAN | 7-13 |
| Editorial Review: Plasma kallikrein and plasmin as activators of prorenin: links between the renin-angiotensin system and other proteolytic systems in plasma. M. A. D. H. SCHALEKAMP and F. H. M. DERKX | 15-21 |
| | |
| The disposition of intravenous potassium in normal man: the role of insulin. R. H. STERNS, J. GUZZO and P. U. FEIG | 23-28 |
| Intestinal glucose transport in acute viral enteritis in piglets. J. TELCH, R. W. SHEPHERD, D. G. BUTLER, M. PERDUE, J. R. HAMILTON and D. G. GALL | 29-34 |
| Glycogen-depletion patterns with isometric and isokinetic exercise in patients after leg injury. B. HULTÉN, P. RENSTRÖM and G. GRIMBY | 35-42 |
| Leucocyte ATP and renal failure. M. A. MANSELL, A. J. GRIMES and N. F. JONES | 43-46 |
| Changes in renal and urinary kallikrein activity by mannitol-induced osmotic diuresis. G. BÖNNER, M. MARIN-GREZ, D. BECK, M. DEEG AND F. GROSS | 47-51 |
| Regulation of 25-hydroxy-vitamin D-1 α -hydroxylase in chick isolated renal tubules: effects of prostaglandin E ₂ , frusemide and acetylsalicylic acid. J. D. WARK, R. G. LARKINS, J. A. EISMAN and K. R. WILSON | 53-59 |
| Renal prostaglandins and water balance: studies in normal volunteer subjects and in patients with central diabetes insipidus. R. DÜSING, R. HERRMANN, K. GLÄNZER, H. VETTER, A. OVERLACK and H. J. KRAMER | 61-67 |
| Impaired response of plasma renin activity to tilting after renal transplantation. J. CUNNINGHAM, M. J. VANDENBURG, J. M. P. HOLLY and F. J. GOODWIN | 69-73 |
| Acute effects of captopril on blood pressure and circulating hormone levels in salt-replete and depleted normal subjects and essential hypertensive patients. J. A. MILLAR, B. P. MCGRATH, P. G. MATTHEWS and C. K. JOHNSTON | 75-83 |
| Pattern of breathing during cigarette smoking. P. J. REES and T. J. H. CLARK | 85-90 |
| The influence of a combined oral contraceptive pill and menstrual cycle phase on digital microvascular haemodynamics. J. E. TOOKE, H. TINDALL and G. P. McNICOL | 91-95 |
| The effects of meclofenamate, captopril and phentolamine on organ blood flow in the conscious rabbit. R. A. BANKS and L. J. BEILIN | 97-105 |
| | |
| SHORT COMMUNICATIONS | |
| Effect of propranolol therapy on aldosterone responses to angiotensin II and adrenocorticotrophic hormone in essential hypertension. M. S. GOLUB, M. L. TUCK and D. B. FITTINGOFF | 107-110 |
| [Asp ¹ ,Val ⁵]Angiotensin-(1-8)octapeptide does not stimulate aldosterone secretion in sodium-depleted sheep. B. A. SCOGGINS, J. G. McDougall, ALDONA BUTKUS, J. P. COGHLAN, D. A. DENTON, K. J. HARDY and R. D. WRIGHT | 111-113 |
| Changes in vascular ionic composition at different stages of DOC-salt hypertension in the rat. M. F. VILLAMIL, C. AMORENA, J. PONCE, A. MÜLLER and A. C. TAQUINI | 115-118 |
| Effect of hyperprolactinaemia due to pituitary tumour on serum albumin, protein and oncotic pressure. I. E. BRAJKOVICH, R. S. DE LEON and K. MASHITER | 119-121 |

| | |
|---|---------|
| Urinary ligandin and glutathione S-transferase in gentamicin-induced nephrotoxicity in the rat. D. A. FEINFELD, G. M. FLEISCHNER and K. M. ARIAS | 123–125 |
| CORRESPONDENCE SECTION | |
| Ethinylestradiol and prostacyclin activity in rats. E. N. WARDLE | 127 |
| VOL. 61, NO. 2 | |
| AUGUST 1981 | |
| Editorial Review: Regulation of hepatic triacylglycerol synthesis and lipoprotein metabolism by glucocorticoids. D. N. BRINDLEY | 129–133 |
| Editorial Review: Calcium ions, hormones and mitochondrial metabolism. R. M. DENTON and J. G. MCCORMACK | 135–140 |
| Proteins in the urine associated with Duchenne muscular dystrophy and other neuromuscular diseases. N. FREARSON, R. D. TAYLOR and S. V. PERRY | 141–149 |
| Arterial plasma histamine after exercise in normal individuals and in patients with exercise-induced asthma. J. P. R. HARTLEY, T. J. CHARLES, R. D. H. MONIE, A. SEATON, W. H. TAYLOR, A. WESTWOOD and J. D. WILLIAMS | 151–157 |
| Venous plasma histamine in exercise- and hyperventilation-induced asthma in man. P. J. BARNES and M. J. BROWN | 159–162 |
| Respiratory activity of the vocal chords in normal subjects and patients with airflow obstruction: an electromyographic study. JULIA PAYNE, T. HIGENBOTTAM and G. GUINDI | 163–167 |
| Haemodynamics, plasma noradrenaline and plasma renin in hypertensive and normotensive teenagers. A. HOFFMAN, J. T. R. C. ROELANDT, F. BOOMSMA, M. A. D. H. SCHALEKAMP and H. A. VALKENBURG | 169–174 |
| Role of the brain iso-renin–angiotensin system in experimental hypertension in rats. H. SUZUKI, K. KONDO, M. HANADA and T. SARUTA | 175–180 |
| Increased intralymphocytic sodium content in essential hypertension: an index of impaired Na ⁺ cellular metabolism. E. AMBROSIONI, F. V. COSTA, L. MONTEBUGNOLI, F. TARTAGNI and B. MAGNANI | 181–186 |
| Inhibition of the renin–angiotensin–aldosterone system by L-dopa with and without inhibition of extracerebral dopa decarboxylase in man. C. BARBIERI, R. CALDARA, C. FERRARI, ROSA MARIA CROSSIGNANI and M. RECCHIA | 187–190 |
| Effect of hypertonic and hypotonic infusions on aldosterone in conscious sodium-depleted dogs. JENNIFER W. CHILDERS AND E. G. SCHNEIDER | 191–199 |
| Evaluation of the mineralocorticoid activity of 18-hydroxycorticosterone. G. HUSTON, V. I. MARTIN, E. A. S. AL-DUJAILI and C. R. W. EDWARDS | 201–206 |
| Total-body protein turnover in human premature neonates: effects of birth weight, intrauterine nutritional status and diet. P. B. PENCHARZ, M. MASSON, F. DESGRANGES and A. PAPAGEORGIOU | 207–215 |
| The excretion of isotope in urea and ammonia for estimating protein turnover in man with [¹⁵ N]glycine. E. B. FERN, P. J. GARLICK, MARGARET A. McNURLAN and J. C. WATERLOW | 217–228 |
| Study of the carbohydrate content of mucus glycoproteins from normal and diseased colons. J. R. CLAMP, G. FRASER and A. E. READ | 229–234 |

| | |
|---|---------|
| Relationship between plasma high-density lipoprotein concentrations and lipoprotein lipase and hepatic lipase activities in children with hyperlipidaemia. T. R. GAMLEN, E. LAYWARD, F. McTAGGART and D. P. R. MULLER | 235-240 |
| SHORT COMMUNICATIONS | |
| Dexamethasone, aldosterone and kallikrein release by isolated rat kidney. C. P. VIO, J. S. ROBLERO and H. R. CROXATTO | 241-243 |
| Changes in plasma renin activity after hypoglycaemia in sympathectomized man. B. M. FRIER, R. J. M. CORRALL, J. L. PRITCHARD and P. S. SEVER | 245-247 |
| Effect of sodium intake on angiotensin-converting enzyme activity of aorta in rats. K. MIZUNO, S. HATA and S. FUKUCHI | 249-251 |
| Increased hepatic fibrogenesis in the cholesterol-fed mouse. S. P. LEE | 253-256 |

VOL. 61, NO. 3

SEPTEMBER 1981

| | |
|--|---------|
| Editorial Review: Water and ionic transfer pathways of mammalian large intestine. C. J. EDMONDS | 257-263 |
| Editorial Review: Cardiac sympathetic nerves as the final common pathway in the induction of adaptive cardiac hypertrophy. I. ÖSTMAN-SMITH | 265-272 |
| Effects of clonidine on aortic pressure-diameter and elastic stiffness-stress relations in anaesthetized rabbits. A. FRIGGI and H. BODARD | 273-279 |
| Captopril attenuates adrenergic vasoconstriction in rat mesenteric arteries by angiotensin-dependent and -independent mechanisms. M. G. COLLIS and J. R. KEDDIE | 281-286 |
| Plasma and interstitial volumes in essential hypertension: relationship to blood pressure. R. F. BING and A. J. SMITH | 287-293 |
| Vasopressin in the plasma of stroke-prone spontaneously hypertensive rats. W. RASCHER, E. WEIDMANN and F. GROSS | 295-298 |
| Effect of β -adrenoceptor blockade on exercise performance and metabolism. P. LUNDBORG, H. ÅSTRÖM, C. BENGTSSON, E. FELLENIUS, H. VON SCHENCK, L. SVENSSON and U. SMITH | 299-305 |
| Effect of extracellular potassium on the transport of sodium and potassium in rat thymocytes. R. B. JONES, J. PATRICK and P. J. HILTON | 307-312 |
| Increased sodium content and altered sodium transport in thymocytes of spontaneously hypertensive rats. R. B. JONES, J. PATRICK and P. J. HILTON | 313-316 |
| Effect on blood lipids and haemostasis of a supplement of cod-liver oil, rich in eicosapentaenoic and docosahexaenoic acids, in healthy young men. T. A. B. SANDERS, MARGUERITE VICKERS and A. P. HAINES | 317-324 |
| Effects of a meal on plasma clearance of [^{14}C]glycocholic acid and indocyanine green in man. J. H. MARIGOLD, I. T. GILMORE and R. P. H. THOMPSON | 325-330 |
| Effect of pH on muscle glycolysis during exercise. J. R. SUTTON, N. L. JONES and C. J. TOEWS | 331-338 |
| Detection and interaction of elastic and flow-resistive respiratory loads in man. S. U. SHAHID, B. A. GODDARD and J. B. L. HOWELL | 339-343 |
| SHORT COMMUNICATIONS | |
| Cardiovascular effects of vasopressin infused into the vertebral circulation of conscious dogs. J. F. LIARD, O. DÉRIAZ, M. TSCHOPP and J. SCHOUN | 345-347 |

CORRESPONDENCE SECTION

| | |
|---|---------|
| 'Metabolic pool' and the use of ^{15}N -labelled amino acids. M. JEEVANANDAM | 349-350 |
| MEDICAL RESEARCH SOCIETY. Papers read at the 50th Anniversary Meeting held at the Royal College of Physicians, 12th December 1980 | 353-368 |
| MEDICAL RESEARCH SOCIETY (Meeting on 10 and 11 July 1981). Communications | 1P-47P |

VOL. 61, NO. 4

OCTOBER 1981

| | |
|--|---------|
| Editorial Review: Prostacyclin: homeostatic regulator or biological curiosity? S. MONCADA and J. R. VANE | 369-372 |
| Characterization of aggression-provoked renin from an unknown source in male mice. K. POULSEN and E. B. PEDERSEN | 373-378 |
| Heart rate variability in healthy subjects measured with a bedside computer-based technique. S. E. SMITH and S. A. SMITH | 379-383 |
| A non-invasive γ -camera technique for the measurement of intrarenal flow distribution in man. S. M. GRUENEWALD, C. C. NIMMON, M. K. NAWAZ and K. E. BRITTON | 385-389 |
| Evidence for inhibitory and anti-ouabain-like factors in leukaemic blood. M. A. MIR | 391-397 |
| Effect of binding to plasma proteins on the interpretation of plasma cortisol concentrations after accidental injury. R. N. BARTON and B. J. PASSINGHAM | 399-405 |
| Water and electrolyte composition of urine and ileal fluid and its relationship to renin and aldosterone during dietary sodium deprivation in patients with ileostomies. S. MOSS, D. GORDON, MARY L. FORSLING, W. S. PEART, V. H. T. JAMES and SHIRLEY A. RODDIS | 407-415 |
| Circulating dopamine: its effect on the plasma concentrations of catecholamines, renin, angiotensin, aldosterone and vasopressin in the conscious dog. S. G. BALL, M. TREE J. J. MORTON, G. C. INGLIS and R. FRASER | 417-422 |
| Urine free dopamine in normal primigravid pregnancy and women taking oral contraceptives. C. M. PERKINS, K. W. HANCOCK, G. F. COPE and M. R. LEE | 423-428 |
| Methods to assess breathlessness in healthy subjects: a critical evaluation and application to analyse the acute effects of diazepam and promethazine on breathlessness induced by exercise or by exposure to raised levels of carbon dioxide. R. D. STARK, S. A. GAMBLIES and J. A. LEWIS | 429-439 |
| Direct measurement of the hepatointestinal extraction of zinc in cirrhosis and hepatitis. P. W. N. KEELING, W. RUSE, J. BULL, B. HANNIGAN and R. P. H. THOMPSON | 441-444 |
| Measurement of hypozincaemia in mice: sensitive test for detection of pyrogens. SUSAN BOOBIS and ROSE E. HARTLEY | 445-449 |
| 3-Methylbutanal metabolism in the adult rat. S. KUBOW, G. H. ANDERSON, L. M. BLENDIS and E. GOLDBERG | 451-455 |
| Total body nitrogen and its relation to body potassium and fat-free mass in healthy subjects. L. BURKINSHAW, D. B. MORGAN, N. P. SILVERTON and R. D. THOMAS | 457-462 |
| Hypoglycaemia, hypothermia and shivering in man. E. A. M. GALE, T. BENNETT, J. HILARY GREEN and I. A. MACDONALD | 463-469 |
| Plasma levels of vitamin D metabolites in diphosphonate-treated rats. U. TRESCHSEL, C. M. TAYLOR, J. A. EISMAN, J.-P. BONJOUR and H. FLEISCH | 471-476 |
| A comparison of radioactive calcium absorption tests with net calcium absorption. D. H. MARSHALL and B. E. C. NORDIN | 477-481 |

| | |
|--|---------|
| Protection against superoxide and hydrogen peroxide in synovial fluid from rheumatoid patients. D. R. BLAKE, N. D. HALL, D. A. TREBY, B. HALLIWELL and J. M. C. GUTTERIDGE | 483-486 |
| Urinary crystal growth: effect of inhibitor mixtures. P. G. WERNESS, JAN H. BERGERT and KAREN E. LEE | 487-491 |

SHORT COMMUNICATION

| | |
|--|---------|
| The effect of indomethacin on vasopressin-induced antidiuresis in man. P. L. PADFIELD and R. J. GREKIN | 493-496 |
|--|---------|

VOL. 61, NO. 5

NOVEMBER 1981

| | |
|--|---------|
| Editorial Review: The small intestine: mechanisms of local immunity and gluten sensitivity. M. N. MARSH | 497-503 |
|--|---------|

| | |
|---|---------|
| Carotid sinus reflex control of renin release in hypertensive subjects with high renin secretion. G. MANCIA, A. FERRARI, G. LEONETTI, LUISA GREGORINI, LAURA TERZOLI, G. PARATI, C. BIANCHINI and A. ZANCHETTI | 505-509 |
| Effect of adrenalectomy on the development of isolation induced hypertension in rats. S. M. GARDINER, K. E. MILMER and T. BENNETT | 511-519 |
| Accentuated hypotensive effect of sodium nitroprusside in man after captopril. G. L. JENNINGS, J. S. GELMAN, J. R. STOCKIGT and P. I. KORNER | 521-526 |
| Plasma angiotensin II concentration regulates vascular but not adrenal responsiveness to restriction of sodium intake in normal man. BESS F. DAWSON-HUGHES, T. J. MOORE, R. G. DLUHY, N. K. HOLLENBERG and G. H. WILLIAMS | 527-534 |
| Blunted pressor response to angiotensin and sympathomimetic amines in bile-duct ligated dogs. J. P. M. FINBERG, H. A. SYROP and O. S. BETTER | 535-539 |
| Calcium efflux and steroid output from superfused rat adrenal cells: effects of potassium, adrenocorticotrophic hormone, 5-hydroxytryptamine, adenosine 3':5'-cyclic monophosphate and angiotensins II and III. B. C. WILLIAMS, J. G. McDougall, J. F. TAIT and S. A. S. TAIT | 541-551 |
| Comparison of intrarenal and extrarenal converting enzyme inhibition by SQ 20 881 on canine renal blood flow. P. C. WONG and B. G. ZIMMERMAN | 553-557 |
| Increased cutaneous vasoactivity to cold in anorexia nervosa. P. LUCK and A. WAKELING | 559-567 |
| Mechanical properties and reactivity of vessels in isolated perfused lungs of chronically hypoxic rats. CELIA J. ENERGY, DENISE BEE and GWENDA R. BARER | 569-580 |
| Reduced airway vagal tone in diabetic patients with autonomic neuropathy. N. J. DOUGLAS, I. W. CAMPBELL, D. J. EWING, B. F. CLARKE and D. C. FLENLEY | 581-584 |
| Variations in individual organ release of noradrenaline measured by an improved radioenzymatic technique; limitations of peripheral venous measurements in the assessment of sympathetic nervous activity. M. J. BROWN, D. A. JENNER, D. J. ALLISON and C. T. DOLLERY | 585-590 |
| Novel double-isotope technique for enzymatic assay of catecholamines, permitting high precision, sensitivity and plasma sample capacity. M. J. BROWN and D. A. JENNER | 591-598 |
| Chemosensitivity in patients with diabetic neuropathy. IKUO HOMMA, SHIGERU KAGEYAMA, TAKESHI NAGAI, IKUO TANIGUCHI, TOSHIO SAKAI and MASAKAZU ABE | 599-603 |

| | |
|---|---------|
| Renal salt and water handling in water immersion in the nephrotic syndrome. G. M. BERLYNE, J. SUTTON, C. BROWN, M. V. FEINROTH, M. FEINROTH, A. J. ADLER and E. A. FRIEDMAN | 605-610 |
| On the extravascular pool of low-density lipoprotein in rat liver. G. SIGURDSSON, D. M. SHAMES and R. J. HAVEL | 611-613 |
| On the mechanism of plasma cholesterol reduction in the rat given probucol. S. BALASUBRAMANIAN, D. M. BEINS and L. A. SIMONS | 615-619 |
| Effects of thyroparathyroidectomy, phosphate depletion and disphosphonate therapy on acute uraemic extra-osseous calcification in the rat. L. S. IBELS and A. C. ALFREY | 621-626 |
| Effect of exercise on protein turnover in man. M. J. RENNIE, R. H. T. EDWARDS, S. KRYWAWYCH, C. T. M. DAVIES, D. HALLIDAY, J. C. WATERLOW and D. J. MILLWARD | 627-639 |
| Role of prostaglandins in bile salt-induced changes in rat colonic structure and function. D. S. RAMPTON, N. F. BREUER, S. G. VAJA, G. E. SLADEN and R. H. DOWLING | 641-648 |

SHORT COMMUNICATIONS

| | |
|---|---------|
| Associations between sex hormones, thyroid hormones and lipoproteins. R. F. HELLER, N. E. MILLER, B. LEWIS, A. VERMEULEN, ANGELA FAIRNEY, V. H. T. JAMES and A. V. SWAN | 649-651 |
| Effect of a long acting octapeptide analogue of somatostatin on growth hormone and pancreatic and gastrointestinal hormones in man. A. J. BARNES, R. G. LONG, T. E. ADRIAN, W. VALE, M. R. BROWN, J. F. RIVIER, J. HANLEY, M. A. GHATEL, D. L. SARSON and S. R. BLOOM | 653-656 |

VOL. 61, NO. 6

DECEMBER 1981

| | |
|---|---------|
| Editorial Review: Why is myocardial ischaemia so commonly subendocardial? J. I. E. HOFFMAN | 657-662 |
| Contribution of stenosis resistance to the rise in total peripheral resistance during experimental renal hypertension in conscious dogs. W. P. ANDERSON, P. I. KORNER, J. A. ANGUS and C. J. JOHNSTON | 663-670 |
| A comparison of physical characteristics of active renin isolated from aorta, plasma and kidney of the rat. J. D. BARRETT, P. EGGENA, J. F. KRALL and M. P. SAMBHI | 671-678 |
| Isoprenaline-induced secretion of active and inactive renin in anaesthetized rabbits and by kidney cortex slices. H. K. RICHARDS, A. R. NOBLE and K. A. MUNDAY | 679-684 |
| Body fluid volumes in the spontaneously hypertensive rat. M. BIANCHI, G. BELLINI, H. HESSAN, K. E. KIM, C. SWARTZ and M. FERNANDES | 685-691 |
| Respiratory arterial pH and P_{CO_2} oscillations in patients with chronic obstructive airways disease. G. M. COCHRANE, J. G. PRIOR and C. B. WOLFF | 693-702 |
| Production of collagenase and inhibitor (TIMP) by normal, rheumatoid and osteoarthritic synovium <i>in vitro</i> : effects of hydrocortisone and indomethacin. MARY B. McGuire, GILLIAN MURPHY, J. J. REYNOLDS and R. G. G. RUSSELL | 703-710 |
| Characterization of collagenase, other metallo-proteinases and an inhibitor (TIMP) produced by human synovium and cartilage in culture. GILLIAN MURPHY, MARY B. McGuire, R. G. G. RUSSELL and J. J. REYNOLDS | 711-716 |
| Diurnal variation in the intestinal toxicity of 5-fluorouracil in the rat. M. L. G. GARDNER and JANE A. PLUMB | 717-722 |

| | |
|---|---------|
| Effect of dihydroxylated metabolites of vitamin D ₃ on calcium absorption in uraemic man. N. MUIRHEAD, G. R. D. CATTO, S. GOVZDANOVIC, D. GOVZDANOVIC and N. EDWARD | 723-727 |
| Sulphamidase activity in leucocytes, cultured skin fibroblasts and amniotic cells: diagnosis of the Sanfilippo A syndrome with the use of a radiolabelled disaccharide substrate. J. J. HOPWOOD and HELEN ELLIOTT | 729-735 |
| Creatine excretion as an index of myofibrillar protein mass in dystrophic mice. C. E. MURRAY, D. M. WARNE, F. J. BALLARD and F. M. TOMAS | 737-741 |
| Homocysteine in the plasma of renal transplant recipients: effects of cofactors for methionine metabolism. D. E. L. WILCKEN, VATSALA J. GUPTA and A. K. BETTS | 743-749 |
| Effect of strain and sex on the induction of hyperalbuminaemic proteinuria in the rat. GILLIAN M. LAWRENCE and D. B. BREWER | 751-756 |
| Effect of renal failure on erythrocyte purine nucleotide, nucleoside and base concentrations and some related enzyme activities. M. A. MANSELL, J. ALLSOP, M. E. NORTH, R. J. SIMMONDS, R. A. HARKNESS and R. W. E. WATTS | 757-764 |
| Peritubular interaction of unconjugated bilirubin in isolated perfused rat kidney. MARIA MONICA ELIAS, E. J. COMIN, SUSANA GALEAZZI and E. A. RODRIGUEZ GARAY | 765-771 |
| Urinary excretion of bile acids in cholestasis: evidence for renal tubular secretion in man. C. L. CORBETT, T. C. BARTHOLOMEW, BARBARA H. BILLING and J. A. SUMMERFIELD | 773-780 |

SHORT COMMUNICATIONS

| | |
|--|---------|
| Role of vagal airway reflexes in control of ventilation in pulmonary fibrosis. J. SAVOY, S. DHINGRA and N. R. ANTHONISEN | 781-784 |
| Kassinin and substance P stimulate somatostatin release in the rat. H.-G. GÜLLNER, VIRGINIA HARRIS and R. H. UNGER | 785-787 |
| Substrate oxidation shortly after accidental injury in man. R. A. LITTLE, H. B. STONER and K. N. FRAYN | 789-791 |
| The relationship between plasma lithium and the renal responsiveness to arginine vasopressin in man. M. D. PENNEY, R. P. HULLIN, D. P. SRINIVASAN and D. B. MORGAN | 793-795 |

CORRECTION

Volume 60

page 611, left-hand column, lines 35-38 should read 'there appears to be no evidence that more than one carrier-mediated transport system is involved in the translocation of a neutral dipeptide (Gly-Sar), an acidic (Glu-Glu) or a dibasic (Lys-Lys) peptide. Clearly though . . .'